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Title word cross-reference

(a, b) [DJM94]. $(k, 2)$ [EMMM94]. $(\kappa - \kappa)$ [KT91]. 0
[EE05, PMV05, PM96, SM89b]. 1 [EE05, HV09, PMV05, PM96, SM89b]. 2
[Ano93e, BDKM94, BAES92, CS92, CS93b, HSSM07, HHC98, KLC05,
LME95, MD01, SS94b, WC91, WS95, Wu02]. 2×2 [PD92]. 3 [BAL05, BC94,
CW00, CCCM96, GW99, Joh89, PEC95, WC91, Wan07, WS95, YB01]. 4
[MD01]. 4×4 [Jia99]. 5 [CCCM96]. $*$ ¹ [HCZ04]. $*$ ² [HCZ04]. $+$ [OC07]. \cdot
[HCZ04]. $_2$ [ASST05]. $_3$ [ASST05]. B [YL89]. C^3 [HK96]. C^3I [PAJC97]. d
[DFN⁺94, LSC00, VB94]. $\diamond W$ [MRRT07]. g [BNP98]. h [GS98]. K
[ACU08, BE95, DWG03, HHC98, SHL95, BVB02, DW06, DH91a, GP00,
KK98a, PD05, PK04a, PRHB06, PK07, RP98, San99, SAOKM03, SGR03,
SLP⁺98, SZ00b, TT98, WS97b, YTH07, YD98]. $k(n - k)$ [Lin03]. κ [XL95].
 M [YLB90, WTB⁺08]. N [AY89, IHM05, NTA96, SHT⁺95, AKPT99, BVB02,
GL90, NS94, PK04a, RP98, SAOKM03, WS97b, XL95, YTH07, YD98]. $\nabla^2 G$

[CL85]. nn [PK07]. $n \times n$ [COS⁺95, NS94]. $O(1)$ [GP94, Wan07]. $O(\lg 2N)$ [BNP02]. $O(\log_2 n)$ [JBL02]. $O(\log \log N)$ [DP98]. $O(\log N)$ [GS99]. Ω [MRRT07]. P [BM97, PMV05]. P^3E [HSJP87]. P_4 [ANP07]. ϕ [AK07]. $\pm 2^b$ [Nas94]. q [DP00, Lat98]. QR [ZLRP91].

-ary [BVB02, DP00, Lat98, PK04a, RP98, SAOKM03, TT98, WS97b, XL95, YTH07, YD98, SHL95]. **-Bandwidth** [BM97]. **-banyan** [YL89]. **-based** [AK07]. **-Best** [BE95]. **-Body** [SHT⁺95, IHM05]. **-Chain** [BNP98]. **-connected** [DW06]. **-Cube** [RP98, PK04a]. **-Cubes** [XL95, BVB02, SAOKM03, WS97b, YTH07, YD98]. **-D** [Ano93e, BAES92, CS93b, SS94b, CW00, GW99, PEC95, Wu02, YB01]. **-delta** [YL89]. **-Dimensional** [AKPT99, CCCM96, DFN⁺94, VB94, KLC05, LSC00, SGR03]. **-dominating** [DW06]. **-Extra-Stage** [SZ00b]. **-Item** [San99]. **-labeling** [CP04a]. **-Level** [GS98, PRHB06]. **-limited** [WTB⁺08]. **-omega** [GL90]. **-optimistic** [DWG03]. **-page** [HSSM07]. **-Pairwise** [GP00]. **-Partite** [EMMM94, SLP⁺98]. **-queens** [AY89]. **-reader** [HV09]. **-Reducing** [GS00]. **-satisfiability** [Joh89]. **-sparse** [ANP07]. **-Terminal** [HHC98]. **-Track** [MD01]. **-Trees** [DJM94, HHC98, PD05]. **-way** [KK98a, ACU08]. **-width** [DH91a]. **-writer** [HV09].

/compute [KAS07].

0/1 [LSS88].

1 [HV95, MF94]. **1-Writer** [HV95]. **10-Gigabit** [HcF05]. **16S** [ZFWF06]. **1D** [PA04].

2 [ACYS08, AAL95, AR97, BLPV95, BSGM90, CDH84, DPSD08, FPD93, GH90, SI91, SMKL93]. **2-D** [AR97, BLPV95]. **2000** [Wee01]. **2002** [Sni03]. **2006** [Ros07]. **2007** [Pan09]. **2008** [Rob09]. **2D** [DFRCU99, TKHG04].

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

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

5 [LAD⁺96, PTC⁺93]. **53** [Ano00d].

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

80 [Ano97k]. **802.11** [BCD00]. **802.11e** [FA07]. **802.11s** [VHH08]. **860** [DHR96].

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

A* [DM94]. **a-cyclic** [BD05]. **A.** [Ano92a]. **AA1** [GCM95]. **Abduction** [eW95]. **Abduction-Based** [eW95]. **Abductive** [eW95]. **Absolute** [Wor93]. **Abstract** [CGSV93]. **Abstraction** [GDN⁺98]. **Abstractions** [KB01]. **Accelerated** [Ei07]. **Accelerating** [SHT⁺08]. **Access** [ADS98, Bal90, BP02, Bit92, BR95c, CW93, CH92, DP00, FY96, HP00, OS93, San98, WMG01, ZRC99, BGLA03, BR91b, Che90, DFP06a, FA07, FC90, HC91, Lan09, MM07c, Pad91, SM89a, SR88b, SR90, WTS03]. **Accesses** [MRRV98, SR97a, SR97b, JZ05]. **accumulations** [SAF05]. **Accuracy** [EH01a, PKK91]. **Accurate** [DD95, KK88, HDT⁺05]. **ACE** [PL98]. **Achieving** [EH01a, KEA95, NPY⁺97]. **Acknowledgment** [KL08a]. **Actions** [WR95]. **Activated** [NPP⁺02]. **Active** [SKH96, DB86, HOE⁺09, PMV05, PMV06, YT05]. **active/active** [HOE⁺09]. **Activity** [AS00, CW93]. **Activity-Based** [AS00]. **actor** [ASM09]. **actors** [GE85]. **ActorSpace** [CA94]. **Acyclic** [GY92, AFM09, BP89, Zim90]. **Ad** [Ano01e, GS01b, XG03, AP03, ALF03, BFG⁺03, BGLA03, BOP06, BDF01, BN03, Bou03, CNS03, CW05, CYZ06, CDCD05, DW06, DMB⁺03, DB08, EBE08, FVCL05, GAGPK03, GS03b, GMS06, GMXA07, HW03, HJ07, KK06, KNS06, LAZC00, LR03a, LPX05a, LW06a, LR03b, LHT08, OSL05, OMSGNSG05, Pat01, SSM⁺06, SGS08, SKMM04, VA03, WTB⁺08, WGS08, WBTM09, XHG03, XWC⁺08, YC04, ZMC06]. **ad-hoc** [BOP06, CYZ06]. **Ada** [Lun90]. **Adaptable** [Zim96]. **adaptation** [BK08, GBMZ07, LS06]. **Adapting** [DKRI09, Wei02]. **Adaptive** [ASH⁺01, AA93, AMN00, AYIE98, ACFK07, BLPA05, BPR99, BL90, Bou02, CS00, CLT96, DY99, DHB02, DMB97, DM99, FLS⁺97, ISM07, JK00, KR97, KKGS01, KLLK98, KB01, Lan94, LLL06, LME95, LEB98, ME04, MV88, MD92, MTS90, OB98, OR97, PW96, PRS97, PIB⁺01, RDS02, SS06, SKK97, SJ95, SB02, SSOB02, SLG06, SHT⁺95, TC04, Ten90, WCE97, WA02, YIY97, ZM94a, AOSM05, AGMS04, BČFF05, CL03a, CP04b, CDCD05, DMB⁺03, ESA03, GBA08, HNSA07, KMF⁺05, KKS08, LY91, LA04, MCdS⁺06, MSAF04, OPG08, OS04, SHLN09, TKHG04, TT07, WW04, ZWRI07]. **adaptively** [Mit07]. **Adaptivity** [OH02]. **ADDAP** [DHR96]. **Addendum** [Ano92a]. **Adders** [NIR86]. **Adding** [MSZ05]. **addition** [OB88]. **Additional** [LP97, CKN07]. **Address** [KY96, SL97, TR96]. **Addressable** [Win85]. **Addresses** [CGL⁺95]. **Addressing** [ZLPP01, Ho91, TY90a]. **adjusting** [MC91]. **ADM** [Pad93]. **admission** [RKK06, XYDL06]. **ADMs** [FSZ07]. **Ads** [BA01a]. **Advanced** [BW95a, SD88a, TSD08, PLL⁺03, SHT⁺08]. **Advancement** [Lan09, LVR90]. **advantage** [CL03b]. **advantages** [CCLS94]. **Adversarial** [GBMZ07]. **advertisement** [WGC09]. **advertisement-based** [WGC09]. **Affecting** [DVW94]. **Affine** [DR95, DRR96, Dja06, DQR⁺09]. **Affine-by-Statement** [DR95]. **Affinity** [TTG95]. **after** [DRR96]. **against** [SCC⁺06, XCH08]. **Agent** [Ser97, FCC07, GZMC08, SS06]. **agent-based** [FCC07, SS06]. **agents** [AK06, CSWD03, KERUM04, MS05]. **aggregate**

[Yan09]. **aggregates** [Chi95, Chi95]. **aggregation** [CDR09a, CDR09b]. **agreement** [GCS06]. **Ahead** [PL93, TG04]. **AI** [Ull84]. **Aid** [DBKF90]. **aided** [ZMC06]. **air** [FL86]. **Airshed** [SS00]. **Algebra** [CDH84, DVW94, KL01a, WM92, Joh87, RG87]. **Algebraic** [PL06, Pat01, BAH04, BM08, CM03]. **Algorithm** [AAP01, AE95, AM97b, AMS94, Als01, AS95, Ano93e, Ano96l, AS96, ABC⁺09a, ABZ95, Bai94, BCC95, BGR96, BS97, BPST96, BOSW94, BE95, BDDL09, Bou02, BX93, BHRS95, CLZ02, CGKK97, CCM01, CB99, CSW08, CS93b, CP92, CTZ99, CF98, CRFS94, DA97, DM90a, DMB97, DS01, DS84, DH94, DSAUM99, DLP99, DT97, FY96, FT94, GGN93, Ger98, GRR93, GP00, GS99, Haw97, HH01, HBJ98, HO94, HM99, Hwa97, IZ95, JP95, Jia99, JK00, KRSZ02, Kar02, KSA95, KK98b, Kau94, KF95b, KS97b, KW02, KA97, KC99b, LP96a, LO94, LHVW95, LP97, LWP02, MT97a, Mil99, MV94, MSST99, NTA96, NM02, Par98, PE93, Par96, PL94, PB95, PM96, PRS97, PM92, RR95a, RP95, SAOKMA02, SZ00b, SCC92, SR94, Shu95, SM00, TU92, TZ00, WSRM97, WD94]. **Algorithm** [WA02, WLID02, XWC⁺08, YZY96, mYyF92, ZB97, AOS⁺05, AT03, AK07, ATH91, AGMS04, Ara90, BFG⁺03, Bad04, BC05, BČFF05, BSG90, BH05, BBL04, Cal06, CR91, CM03, CV90, CS92, Che89, Cho90, CZ90, CRC⁺02, DK08, DDNS06, DB08, DM90b, DB86, Ebn04, EE05, EDÖ05, Fei03, FSZ07, GPX08, GGR89, GT04, Gue86, GB06, HJ90a, HRJ94, HLM⁺90, HL07, Kal04, KK06, KM03, KA91, Koc91, LVP08, LSS88, LMZ04, LO91, LB89, LP88, MD07, MM07a, Mar88, McD89, MMS09, MM07c, MP08, MMS90, OS04, OT86, PK05a, PHS04, PB09, QJ05, RH05, RGD03, RKS87, SSTP09, SCJ⁺08, SA08, SKK91, SM08b, TKHG04, WSH⁺03, WJV07, Wan07, WG08, WGC09, XHY07, XQ07, Yan04, YME06, YZLT09, ZZ90, ZFWF06]. **Algorithm-Based** [GRR93, mYyF92, BDDL09, LP88]. **Algorithm-system** [CSW08]. **Algorithmic** [Gao89, SCB08, LS05]. **Algorithms** [ANT02, ABJS01, AKP95, ABM⁺92, BJ96, BJ99, Bah00, BPJG92, BLPV95, BGJDL02, BAES92, BAGS95, BBM⁺02, BSDE96, BOP06, BPR99, BSS99, BMRC98, BMRC99, Bro96, BA01b, CTD99, CDY97, Cha94, CGO⁺96, CDH84, COS⁺95, CN93, CP91, CHR94, CWP98, CA95b, DS95b, DP98, DHB02, DP99, DM92, DMSH90, DFRCU99, DBKF90, DKMV01, EP90, ESMG96, EMMM94, EL97, Fer95, FR96b, FA95, FV97, FTC00, GG94, GP94, GV94, GM96, GHSJ96, GMM00, HHM94, HQPT99, HCWS94, HR92a, HP97b, HTB98, HO94, IK93, IK94, Iqb92, IM00, JW94, JS94, KRC00, KAM94, KLZ97, KG94, KA99, LHS97, LSH96, LHHB⁺01, LLCC02, MB96a, MMRS98, MS94, MMVR97, Man97, MT96, Mat93, MHC95, MK92, MS98, MS99b, Nak95, Nas94, PAH⁺98, PAJC97, Pov99, Pra93, QZ94, QOvdG01, RS96a]. **Algorithms** [RR95b, Raj01, RSS96, Ram92, RDS02, RSW90, SH90, SS96, San95, San99, San02, SZB92, SY01, Sto90, SYG92, Ten90, TVS97, TC96, ÜD96, VB94, VR95, WNA⁺94, WR97, WA02, WD92, WN94, WT92, WHT00, WHT02, YMR93, dBL95, AL04, ACFK07, BC06, BS87, BAS06, BOS⁺91, BFG04, BRPR06, BPP05, BM08, CM04, CF88, CNS03, Che86,

Che05, CRA⁺08, CB06, DS04a, DH91a, Dja04, Dja06, DJT03, DM94, Fen90, FBRW03, FGG08, FJSW90, FM85, FVCL05, GP07, Gos90, GH89b, GWH06, GS03a, GC07, Han89, HSSM07, HSW04, IC05, JMS86, JBM91, KJD03, KS08, KAP90, KKB⁺06, KS91, KMP⁺06, LW90, LLL06, LW06a, LS88, Lin91, LS91, LS03, LLW07, LA04, LVB07, LGG08, LV88, MM04, MPZ09, Meg91, MCT06, MM07b, MS88, MGG03, MVV91, MAR87, Nik04]. **algorithms** [PD05, PY09c, PL03a, PA04, PRG88, PS88, RTCG91, SSM89, SS06, SM89b, ST87, SAF05, SZW05, SGS08, SD88b, Sto87, TY90a, TW87, TK08, WC91, WCWH03, Wri91, ZV09b, dVCP06]. **Align** [BR95c]. **aligning** [LVB07]. **Alignment** [BRR01, CGO⁺96, DRR96, Mil99, MJ01, SS94a, BBM08, BR91b, BMARM07, LC91a, PTZ06, SK09]. **alignments** [BW09, ST85]. **All-Output-Port** [ST02, ST06]. **all-pairs** [KS91]. **All-Port** [RJMC95, Dim04]. **all-reduce** [PY09c]. **All-to-All** [HP95, LHS97, LWP02, Ede91, LR03b]. **Alleviating** [Tze91]. **Allocating** [BPRG04, Hag97, SEP96, SCS⁺08]. **Allocation** [AM97b, AERBL92, CS00, yCM98, DSST95, DY99, DL99, DL01, Hwa97, KKGS01, KLS90, Moh96, NSS97, OM84, PT01, SM94, SdS97, SP96, YL98, Zhu92, ALH⁺09, AKSM08, ATZ07, AH06, BMB⁺08, BG86, Bat05, BSMH08, BPW05, DM90c, ERS90, GNT04, GRDB05, LHF91, LC91b, Li05, MCC04, PM05, PBS08, RLH03, SSM⁺06, SSM⁺07, ZI08]. **Allocations** [BE95, CT96, SSMS08]. **Almost** [JBP00, SS95]. **Alphabetic** [LP96a]. **alternate** [LS03]. **Alternating** [BC94]. **Alternative** [GW99, Pad93, CBV08, GB06, Ros85]. **Alternatives** [BAHP01, NBSD99]. **alternator** [LW06b]. **ALU** [KF90b]. **Always** [BRR01]. **Among** [OO85, GM94b, KS03, MT93a, NMS93]. **AMR** [GWH06]. **Analyses** [KY96]. **Analysis** [Abr96, Ano92a, BCV94, BCF97, BN94, Bhu87, BDF01, BLG01, Buc92, CK88, CC91, CAB94, DLLX97, ES96, Fra92, GM94a, GSG⁺93, GCM95, GC01, HLM⁺90, HC97, HF96, IM94, JV09, KME92, Kop97, LW89, MF94, MT93b, MM93, MS99a, MRR⁺02, MT96, MDD97, MHBW86, NBM93, NSM98, OD95b, OS93, PD92, Piu01, PAJC97, RPS93, RKS87, SM89a, SLP⁺98, SWP90, SHC93, ST08a, VSM96, XL92, ABC⁺88, BČFF05, BFG04, BM08, CK06, CH06b, CWL⁺07, CPO⁺03, FC90, FCS91, FD86, FX06, GBA08, HRC09, HA91, IKS87, IC05, JT88, JBM91, KME89, KA08, KG04, KLL87, Li06a, Li06b, LH05, LP88, MM06, McD89, Pak89, PL06, PRHB06, PI90, Pfe90, PL03b, RM90, RGU08, TMM06, WSH⁺03, WF89, Yan09, YH07, ZFS07]. **Analytic** [BS96b, BS96c, Har91]. **Analytical** [DG94, HW03, QY94, SAOKM03, AP91c, Bat05, BFH09]. **Analyzing** [CDR09a, CMT92, HcF05, KG94, LMcF90, MSH90, MBH⁺08, WXZ05]. **Anatomy** [ZBF05]. **Anchored** [KS03]. **AND-parallelism** [DeG88]. **AND/OR** [RP95]. **Animate** [MBL⁺92]. **Animation** [RGS00]. **Anisotropic** [PSE⁺01, Ei07]. **Annealing** [Bev02, BA92, HB97, RSS96, Soh96, XH91, AH06, BG89]. **Annotated** [KBC⁺01]. **Announcement** [Ano93a, Ano96k, Ano01c, Ano01d, Ano01e,

Ano01a, Ano01b, Ano02a, Ano02b, GHS96, Kai92, Ano00a]. **Anomalous** [MSH90]. **anomaly** [DFP06b]. **anonymous** [AFM09, FKK⁺04, MSJ05, XLG⁺06]. **ANSWER** [OEY07]. **Ant** [RL02]. **antenna** [CCHC09]. **Anticipative** [WLID02]. **Any** [RCY97]. **APHID** [BS00]. **Appear** [Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p]. **Application** [AS97, AYIE98, BB03, BSS97, CKK00, CCC92, ES96, HMV07, Kop97, PH00, PP92, Ser97, SM92b, SK93, BCM06, CP05, CD95, DBC03, DKRI09, FGM⁺03, GP91, KME09, LS06, OSL05, PL06, PGS06, SL90, SFT04, SS94b, VD04, dGP06]. **Application-aware** [HMV07]. **Application-based** [BB03]. **application-level** [VD04]. **application-sensitive** [CP05]. **Application-Specific** [PP92, SK93, SS94b]. **Applications** [ABDS02, Ano96i, AFT⁺00, BOSW94, BMRC98, CCRS92, CA95a, CDF01, DRC90, DS84, EH01a, FR98, FBK98, GCB⁺00, GT02, HS94b, KR97, LLS93, MHC95, MB92, MBK⁺92, NB93, NsPPC02, OS96a, RS92c, SSOB02, UZSS96, VH93, WMG01, Wei02, AKSM08, ARM⁺05, AGMJ06, BBCLL04, BAS06, BM04b, CCC⁺04, CC08, CP05, CBM⁺08, CCM⁺06, Dim91, EDÖ05, ESA03, GTN⁺06, GST09, GJA08, HC09, HSSL04, HA91, HL07, KJD03, KHK03, KAS07, Kri91, MMAL⁺06, Oza04, PLL⁺03, PF04, SV08, SM89a, SCS⁺08, TDM05, Ull84, VB08, VM03, YH07]. **Applied** [CB96, BDDL09, EE05, HSSL04, PR06]. **Applying** [PEC95]. **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, AH06, BAS06, BW09, CvdBL⁺08, DBC03, DQR⁺09, FZC⁺05, FGZ03, GZ08, GWWL94, GBA08, JLM08, Joh89, KMS⁺06, LH04, LC07, MS05, MSM09, SU87, SCS⁺08, TM06, TBZB05, VB08, YF09, ZFL89]. **Approaches** [CHGM01, QM01, KERUM04, KA05, PR06, dGP06]. **Approximate** [JSS92, KERUM04, MM07b]. **Approximating** [FMM⁺08, PBS08]. **Approximation** [FV97, HP97b, Mat93, LVP08, LW06a, MK08b]. **Approximations** [Gon98, BFM06]. **AQOR** [XG03]. **Araneola** [MK08a]. **arbiter** [Bhu87]. **arbitrarily** [ZV06]. **Arbitrary** [ERL90, KA97, SS95, ZZY96, Ara90, SGE91, Wag89, FII04]. **arbitration** [ASD09, KS03]. **Arc** [CA95b, Ros89]. **architecting** [CCC⁺04]. **Architectural** [DZDZ01, GSP02, HPT⁺97, KC99a, MT96, MG93, WSS93, FZC⁺05, JBY⁺05]. **Architecture** [AGW01, ABZ95, BBD⁺91, BAHP01, DH95, Gao93, Ger98, GBES93, GM95, HP97a, HGCC96, IWM97, KC94, LBL95, MWL00, MS00, MAM05, MKY⁺97, MO97, MT85, NEG85, OD95b, OY00, Pad93, PS01, STN92, SSYG97, SH98, VS99, ZYH94, Zim96, ACYS08, AC89, BB87,

CCQ⁺06, CTCX08, CCEB03, CDJ⁺89, FCS91, GHS86, JS86, JXW06, KRL87, KH89, LAD⁺96, LZSL06, MM07b, MBH⁺08, MP08, NW88, PK05b, SDTD04, SR88a, SAB⁺92, SR91, WL92, XJS03, ZV09a].

architecture-based [CTCX08]. **Architectures**

[AGW98, ABDS02, BBR94, CCM92, CCC90, CT93, CS93c, CP01, CBdCD00, DUSH94, DMSH90, DS02, DT01, DRSB01, DT92, EP90, EL97, FY97, GGB93, KS95, KM97, KG94, LB90, LC90b, LR93, LR94, MSd⁺95, PP96, PA94, PD92, SH90, SS94a, TG99, ZMPE00, ZL93, AP03, ABC⁺09a, ABC⁺09b, BS87, CCK88, Che86, CkLCK04, CkLCK05, CPO⁺03, GSWW04, GS91a, HSW04, Joh87, Joh91, KF90a, LM05, LS88, LVB07, Pad91, PR06, PLD87, RTCG91, SLG06, SS94b, TKHG04, VM03, WJD91, vS91]. **Area**

[BCD00, CLR90, KF95a, NIR86, Wei98, HZY04, HL07, KCD08, KMF⁺05]. **Area-Time** [NIR86, CLR90]. **Arithmetic** [AK93, CL88, DPRW85, Gro85, Irw88, KK88, KM88, SR88a, Sch87, Sil90, SL90, Tay87].

Arithmetic/Logical [AK93]. **Arnold** [Ano00d]. **arrangement**

[Lin03, NAK04]. **Array** [AW95, BCF97, BL90, CT93, CWW⁺95, ER97, GKHS96, GE94, HQPT99, HCS⁺00, HCZ04, HLJ98, HLJ01, KRW96, KHS96, KC98, KR87, LP96b, LTH97, Mil99, MJ01, MBK⁺92, MT97b, OM90, RSB96, Ste95, SOG94, Tse90, WSS93, Win85, dR09, BB85b, BPP05, DS04a, GP05, Lee91, MM07b, NAK04, PLD87, SI86, ST87, SCC⁺06, YTH07]. **Arrays** [Ann94, BAGS95, BPST96, BP02, BR95c, CGO⁺96, Cor93, GP93, GW99, Guo94, IPK85, KLS90, KEA95, KL84, KBG92, MM00, MD01, MT93b, MRK93, MFS93, MFS96, RFM94, RCB93, Swa98, TBPV00, TC96, WCF94, WHT00, BBd90, CL03b, DMCFCM03, Deh90, Dja04, Dja06, EL91, GMH⁺91, KT89, KT91, KLL87, LB89, Lis90, OT86, RIZ90, SSM89, Sch89b, ST89, SKK91, Ume85, WAS88]. **Art** [KM92, WCO⁺09]. **article**

[Ano96l, Ano97k, Ano00d, CS93b]. **artifacts** [LZ08]. **Artificial**

[MT85, NS92, Piu01, TVO92, KH89, VO89, VM95]. **ARTS** [BNSP99]. **ary**

[BVB02, DP00, Lat98, PK04a, RP98, SAOKM03, SHL95, TT98, WS97b,

XL95, YTH07, YD98]. **AS008S** [Ano04c]. **ASAT** [SEP96]. **ASCEND**

[Nas94]. **Aspect** [BZLI04, MO97]. **Aspect-oriented** [BZLI04]. **aspects**

[Gao89]. **Assembling** [KESA07]. **assembly** [ABCM07]. **Asserting**

[ASST05]. **assessment** [LY08]. **Assign** [CYZ06]. **Assignment**

[HBCM99, HB97, KLZ97, SS93, Ste95, VWHL96, WW97, Bat05, BPRS04,

QGL⁺09, UAKI06, WZ91]. **Assignments** [LL98, Sin87]. **Assisted**

[HILLY95, LVP07, RG06]. **Associative**

[AA93, DM92, NSM98, Par96, PL98, VR94, Kri91, LL90, SR88a, SI89].

Assurance [BK08, WLL08, XHY07]. **Asymmetric** [BNS00, ZR00].

asymmetry [AP91b]. **Asymptotic** [GM94a]. **asymptotically** [Dja04].

Asynchronism [ÜD96]. **Asynchronous** [Bah00, BSS99, BS00, CS95c, CA95b, ESMG96, MS02, MM93, MR94a, MR94c, OY00, The02, WT92, BB03, CRC⁺02, DGFGK05, DB86, FKK⁺04, MM04, RLH03].

Asynchronous/Synchronous [OY00]. **asynchrony** [WCYR08].

ATExpert [KW93]. **ATM** [WR97]. **Atomic**

[HV95, JBP00, WR95, van96, GNS09, HV09]. **Atomicity** [NA02]. **attack** [JXW06]. **attacks** [CH06b, KMMZ06, SCC⁺06, XYG07, XCH08]. **attributes** [Par05]. **Augmented** [MKY⁺97, Lo92]. **Auralization** [FJ93]. **Aurora** [Lu01]. **authentication** [CL09, NC09]. **Author** [Ano92b, Ano93b, Ano93c, Ano93d, Ano94a, Ano94b, Ano94c, Ano94d, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano98l, Ano99a, Ano99b, Ano99c, Ano99h, Ano00b, Ano00c, Ano01f, Ano01g, Ano01h, Ano01i, Ano02c, Ano02d, Ano03a, Ano03b, Ano04b, Ano04a]. **Author-Title** [Ano98l, Ano99h, Ano00c, Ano01h, Ano01i, Ano02d, Ano03b]. **automata** [MS86]. **Automated** [NM95, NC97]. **Automatic** [ABCM07, CGO⁺96, DHR96, KBC⁺01, LC92, MJ01, SEP96, AAD05]. **Automatically** [DR98, TG99]. **automaton** [Cap87]. **automorphisms** [DH91b]. **autonomic** [ATZ07, CP05]. **autonomous** [XCH08, ZV09a, OEY07]. **autonomy** [LFH⁺03, ML89]. **Availability** [HJD⁺01, LS01, DB08, HOE⁺09, PF08]. **Available** [NKC⁺97]. **Average** [DF95, Li06b, MDD97, NSM98, Li06a, XBK07]. **Average-case** [Li06b, Li06a]. **AVL** [MD98]. **Avoidance** [MJ94, BB85a, BPRS04]. **Award** [Ros07]. **Aware** [ALF03, BPA06, EB09, FGZ03, HVM07, HK05, HK04, KDH08, NP09, OS04, SK05a, XCZL03, ZV09b, ZC04]. **awareness** [LR03b]. **Azriel** [Ano04r].

B [CWW⁺95, CY96, GM95, HS94a, Meg91, OC07, PPC04, WW96].

B-Spline [CWW⁺95, CY96, GM95, Meg91]. **B-Trees**

[HS94a, WW96, PPC04]. **back** [HPSM91, KMMZ06]. **back-end** [HPSM91].

back-propagation [KMMZ06]. **backbone** [HWWH08]. **backbones**

[KERUM04, XHG03]. **Backfilling** [SF05]. **Backplane** [SH98].

backpropagation [SM08b]. **backup** [AOSM04, HOVC09]. **Balance**

[SEP96, CCK88]. **Balanced**

[GJP96, LT94, NFEG97, PB99, SA93, SBAM96, BNP02, LCW05, XYKA08].

Balancing

[Ano97j, BEE00, DHB02, DMB97, DLLX97, DSW94, Efe96, FMP98, FLS⁺97, FM99b, Gil94, GM96, HILLY95, HTL99, HO94, HC97, JR92, KGV94, LK94, LHVW95, MP96, NSLK99, OB98, QY94, SH92a, SHT⁺95, SB97, TSHH01, Wan96, WS97b, XL92, XH93, XL95, ZLP97, ZM94b, AGMS04, BCV05, BFH09, BRPR06, BD04, BM08, CSWD03, CBD⁺09, CRC⁺02, Cyb89, DM94, EE05, Gao89, GC05, HJ90a, HLM⁺90, IC05, JL05, JW89, KKS08, KC04, LTB02, LTL06, LHKL03, Mit07, Nik03, PA04, RN04, SX08, ZV06, ZXP09, dG91, vS91].

Banded [Pov99, ORR03]. **Bandwidth**

[BM97, Cha95, PY09a, PY09c, CCHC09, DK04, HJ90b]. **Banerjee**

[PKK91, Psa96]. **Banerjee-Wolfe** [Psa96]. **bank** [QGL⁺09]. **banker**

[MMS90]. **banyan** [PL06, Kop97, WN94, Yan00, YN92, YL89].

Banyan-Hypercube [YN92]. **Bareiss** [HM99]. **bargaining** [GRDB05].

Barnes [SHT⁺95]. **Barrier** [Cha95, JLRA97, OD95b, RSS99, XMN92]. **Base** [DKMV01, RBD08, DDNS06]. **Based** [AE95, AS00, Ano99g, BCD95, BPJG92, BGJDL02, BMM97, BN02, BR02, BA92, CGKK97, CC91, CRV94, CS95b, CKL99, CGA98, CHGM01, DA97, DR98, FF98, FKKC97, GS01a, GRR93, Gup92, GS01b, HP00, HB97, HK01, HSJP87, KCRB99, KSP⁺92, KCDZ95, Lat95, LAZC00, LZ02, MSC96, MB93, MG98, NTA96, NB93, NM02, OM84, Pad93, PN97a, PN97b, PA97, PL95, PM96, PAJC97, RL96, RSD94, RMC97, RSBN01, SMR96, SSRV94, WLY01, WSRM97, WSA⁺94, Won99, WLID02, XH91, mYyF92, YB01, Zia92, eW95, AL04, ASM09, AK07, ARM⁺05, ABC⁺09b, ATZ07, BCM06, BJPPM⁺08, BB03, BDDL09, BM08, CL03a, CK08, CTCX08, Chi95, CL09, CVJ09, CHC05, CGW⁺03, CZZY09, DE91, DRST02, DRT07, DQR⁺09, EDÖ05, FCC07, GBA08, GMXA07, HW03, HV09, HC09, HLM⁺90, JXW06, JP09]. **based** [JBY⁺05, KKVI05, KERUM04, KJD03, KA08, KR06, KC04, LHLK03, LLLY08, LL07, LS03, LHT08, LVB07, LS06, LP88, MCC04, MCdS⁺06, MMS09, Mit07, MM07c, MBH⁺08, MRRT07, NJ91, NC09, Nic07, NAK04, PRP09, PK05b, PVP06, PF04, SS06, SP08, SX08, She09, ST85, TR89, TT07, VD04, VB08, WCC02, WGC09, WLWW09, XHY07, XCLR07, XO05, ZCK⁺02, ZV09a, dGP06, SM92a, WAS95, ZNQ93, HC91, KKS08, PLD87]. **bases** [GPT06a, SK90]. **basic** [BM04a, Joh87]. **Basis** [TR96]. **Batch** [LL98]. **batched** [CK06]. **Batcher** [NT93]. **Batching** [DSST95]. **Bayesian** [FBRW03]. **be** [BNP02]. **beacons** [TDC05]. **Beamforming** [BL90]. **Behavior** [Abr96, BDF92, BN02, BST01, CMT93, FJ93, LZ08, BS92, JZK04]. **Behavior-Based** [BN02]. **Benchmark** [PAJC97, GREC91, Num07, Num08, Num09, WRHR91]. **Benchmarking** [KA99]. **Benchmarks** [WAS95, JV06]. **Bends** [OS97]. **Bene** [CI03]. **Benefit** [Wei02]. **Benefits** [FR92, SS99, Wei98, GK04]. **Benes** [DD96, Qia97]. **Best** [BE95, Rob09, SP96, Sni03, Bar05, FPP⁺08, MAM05, WAE03, Ros07]. **best-effort** [Bar05, MAM05]. **Best-Fit** [SP96]. **better** [AM06]. **between** [BVB02, BJS03, CG86, DB86, FII04, KNS91, LDCZ97, PHS04, RGD03]. **Biconnected** [Kar02, Hoh90]. **bicriteria** [BFG04, BFM06]. **Bidimensional** [BP02]. **Bids** [BA01a]. **Bimodal** [KC95]. **Binary** [AS94, CS95a, DS93, Efe96, HIKM94, HKMU98, HM01, HR92a, Iqb92, JH94, LP96a, Li92, OOW95, SYO94, Wag93, BL89, DH91a, Wag89, HRJ94]. **Binding** [LBL95]. **Binomial** [DP00, WFL98]. **bioinformatics** [TZ06]. **bioinspired** [MPZ09, MCT06, dVCP06]. **biological** [AFM03, BBM08, BA06, BW09, BMARM07, SK09]. **biology** [AB03b, TZ06]. **Bipartite** [DS84, LPS⁺98, SM89b]. **bipartitioning** [ERS90]. **bis** [Fen90]. **bis-sequential** [Fen90]. **Bisectors** [BEE00]. **Bit** [HPT⁺97, MO97, MT97b, SI91, CL90, Ede91, GPX08, KM88]. **bit-pipelined** [KM88]. **Bit-Rate** [MO97]. **Bit-Serial** [MT97b, SI91, CL90]. **bit-substitution** [GPX08]. **bitonic** [FCS91]. **Bits** [GH96, HV09]. **bivalued** [Zep91]. **Blackboard** [CC91]. **BLAS** [HWW96]. **BLITZEN** [BDHF90]. **Block** [CT96, FBK98, GHSJ96, PT97, WSA⁺94, BW08, GPX08, KR06,

Sch87, SZW05]. **Block-Based** [WSA⁺94, KR06]. **Block-Structured** [FBK98]. **Blocking** [BHK⁺94, QS05]. **Blocks** [CWW96]. **Blue** [FGM⁺03]. **BlueCube** [CCS06]. **Bluetooth** [CCS06, SLWW05, WTS03]. **board** [Ano02e, Ano02f, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q]. **Body** [HP95, SHT⁺95, IHM05]. **Boltzmann** [KA89, WCO⁺09, ZA91]. **Boolean** [HJ90c, JH92b]. **boosting** [FGP05]. **Border** [DRST02, HR90]. **Border-based** [DRST02]. **both** [WAE03]. **Bottleneck** [WW98]. **Bound** [GZ97, PM96, CH06a, MCC04, SCS⁺08, SW90, YZLT09]. **Boundaries** [Wor93]. **boundary** [Lin91, RBD08, SCC⁺06]. **Bounded** [AW95, BBN93, CLT96, GP97, Pra93, SN93, BD05, BPRG04, LMZ04, MRRT07, NP09, TK07]. **Bounding** [Lun99]. **Bounds** [ADS01, BBH⁺98, DL98, JR95, LPS⁺98, LP95, Lun94, WW97, FT04, FSZ07, ITT04, KMS07, Mat06]. **Branch** [GZ97, MCC04, PM96, SCS⁺08, YZLT09]. **Branch-and-bound** [MCC04, SCS⁺08, YZLT09]. **Branches** [ERA95]. **Breaking** [FJ93]. **Breakpoint** [dADB96, MT97a]. **Bridge** [HR00]. **Bridged** [EAL90, LCM⁺06]. **bridging** [BJS03]. **Broadcast** [DHB02, OS96a, Pel95, RS96a, RS92c, San99, VB94, BG05, FVLB09, KGN89, MRRT07, PYF08, SGS08, TR08, WL05]. **broadcast-based** [MRRT07]. **Broadcast-Efficient** [OS96a]. **Broadcasting** [BNS00, BP_vW96, BMMS01, BOS⁺95, CW00, CCC92, DLP99, Fra92, FV97, GP97, HIKM94, Lat98, ST02, ST06, SCD99, Wu94, dBL95, oPP00, Che05, CMS04, FMR05, HS06, Ho91, KR87, LR03b, SZ03, Wu03, ZA05]. **Broadcasts** [WD92]. **Broker** [HR00]. **Browsing** [SF90]. **Bruijn** [ANS97, CT96, FT04, HOS94, MVM04, Swa98]. **Brzezinski** [Ano96]. **BSP** [CTZ99, GS98, GLC01, HH01, HM99, KP00, RGD03]. **Bubble** [DF94, PIB⁺01]. **buddy** [LC91b]. **budget** [dR09]. **Buffer** [FM99a, HV95, MSSE02, PY09b, WLID02, BPW05, HV09, PBS08, SCC⁺06]. **buffer-based** [HV09]. **Buffer-Optimal** [HV95]. **Buffer-Safe** [FM99a]. **Buffered** [AA95, KJ84]. **bufferless** [BMIM07]. **buffers** [DW04, HM06, WAS88]. **Building** [Haw97, IK93, SK93, CZ90]. **Bulk** [GV94, Lu01, FXW03]. **Bulk-Data** [Lu01]. **Bulk-Synchronous** [GV94]. **Bus** [CKL99, DVZ96, FZVT02, FY96, GK98, LPZ99, TVS97, VB02, dR09, BPP05, CLM90, DS04a, JSWB92, MS88, MHBW86, YB90]. **Bus-Based** [CKL99]. **Bus-Connected** [DVZ96]. **Buses** [CL96, HQPT99, IM00, KC98, LS94, NS94, TVT96, TBPV00, WHT00, ZLPP01, Car90, JW89, KRL87, Mat06]. **Busy** [SP96]. **Busy-List** [SP96]. **butterflies** [CI03]. **Butterfly** [JH94, TDM05]. **Byzantine** [CBV08, PP06].

C [CD98, DZDZ01, LS85, ZH99]. **C3** [Ano04c]. **C3-** [Ano04c]. **CA** [Chi95]. **Cache** [DS95a, Dah99, GS96, HP97a, LY98, LY01, LF92, NB93, PL95, PY96, RL96, San95, TTG95, Yan93, BW89, CWLD05, DK04, GJG88, GVA⁺08, HZY04, HC09, HSMB91, SYU07, YCC05]. **Cache-Affinity** [TTG95].

Cache-Based [RL96]. **cache-coherent** [SYU07]. **Caches** [DS95a, YAS98, RFPAG08, SD91]. **Caching** [BS96b, BS96c, KC99a, KE93, MM93, BLPA05, CR96, LVP07, OC07, TC03]. **calculation** [SL90]. **calculations** [HT90]. **Calculus** [PL98, SC95]. **calibration** [MMAL⁺06]. **Call** [Ano95i, Ano95j, Ano96j, Ano96i, Ano97i, Ano97j, Ano98i, Ano98j, Ano99g, Ano99d, Ano99e, Ano99f, Ano00a, Ano01c, Ano01d, Ano01e, GSC96, RKK06]. **Calls** [Ano98k]. **can** [BNP02]. **Capabilities** [Fra92, MMRS98, TVO92]. **Capability** [Guo94, SP96, YWP00, Ho91, HK04]. **capability-aware** [HK04]. **Capacitance** [YB01]. **Capacity** [ACD⁺93, MO97]. **capture** [JXW06]. **Capturing** [ISAZ07]. **cards** [KME09]. **Cares** [BL94]. **Carlo** [Bro96]. **carried** [NCT⁺07]. **Carrier** [DL01]. **Carry** [NIR86]. **Carry-Lookahead** [NIR86]. **Cartesian** [ANS97, Dim04]. **carving** [RRS⁺08]. **Cascaded** [Wil90]. **Case** [BA01b, GT02, HPT⁺97, MS99a, NSM98, SSG93, WNA⁺94, WLR90, CCK⁺08, DI91, GRR⁺05, HA91, Li06a, Li06b]. **Categories** [Cou93]. **Causal** [CLZ02, MT97a, PRS97, RS92c, CZZY09, FJC04]. **Cayley** [BS03, WLD00]. **CBIR** [BRPR06]. **CBT** [GS01b]. **CBT-FR** [GS01b]. **cDNA** [TMM06]. **CEFT** [ZJ06]. **Celeste** [BCK⁺09]. **Cell** [CB99, LTKS90]. **cells** [Lis90].

Cellular [CS00, DL01, DKMV01, Oru87, Tan84, ZR00, FCG04, GMXA07, MAM05]. **cellular-based** [GMXA07]. **center** [FP03]. **centric** [KSI04, XCLR07]. **CFD** [BAMM05, Kal04, MS99a]. **CGM** [KP00]. **Chain** [BNP98, Lun94, GRV08, MVB05]. **Chains** [NH93]. **challenges** [SAB⁺92]. **changes** [DB08]. **Channel** [AM95, BNS00, BPRS04, BKT95, CS00, DSST95, GCKM97, HP00, JK00, KKGS01, LM96, PA97, BGLA03, CCHC09, CLL09, DRT07]. **channel-based** [DRT07]. **channels** [CK06, KS03, Lee03]. **Characteristics** [LHVW95, GF89, JV06, LTD⁺93, LF03, SCK03, VM03]. **Characterization** [BF01, KS94, MR94b, RJA97, WP02, LJ86, SR90, WH08]. **Characterizing** [MS96]. **Chare** [SK91]. **Chasing** [YZY96]. **checking** [CM04, SSS07, SCC⁺06]. **Checkpoint** [PT01, JLM08, MM04, PGS06].

Checkpointing [PKD97, WF96, AAFV04, JLM08, LM09, MM06, MM07a, QS05]. **Checksum** [Par92]. **CHEMAS** [XYG07]. **chemical** [MMAL⁺06]. **Cheng** [Ano93e]. **chessboard** [Ei07]. **Chip** [ASH⁺01, MT97b]. **Choice** [SB02, BL05]. **Choices** [FR96a]. **Cholesky** [MVV91]. **Choosing** [HBCM99]. **Chordal** [Man97, WT09]. **chordal_planar** [PD05]. **Cilk** [BJK⁺96]. **cipher** [GPX08]. **Circle** [KSB94]. **circles** [Wri91]. **Circuit** [CB99, CCR94, CS93c, GGN93, LK96, EB09, YTH07]. **Circuit-Partitioned** [CB99]. **Circuit-Switched** [CCR94, CS93c, GGN93, LK96]. **Circuits** [KM97, BAH04, LH04, LS05, LH09, TT07]. **Circular** [BP02, CDP95, JT88, RGU08]. **circulation** [PV07]. **clairvoyant** [Li06a]. **Class** [BNP98, BSB⁺01, CAB94, CN93, HR00, LYL93, MAS⁺99, Nas94, TL96, WN94, WLD00, FY86, LLS07, Pak89, SP90, Ume85]. **Classes**

[Par98, LLL06]. **Classification** [DSAUM99, BCM06, Bod89, DH04]. **Client** [GM99, HC09, ST08a, TC04]. **Client-Server** [GM99, HC09]. **client-side** [TC04]. **Clients** [ALL99, Yan09]. **Clique** [FTL92, SSTP09]. **cliques** [CKO04]. **Clock** [ASB97, PD92, PB95, PB09]. **Clock-Regulated** [PD92]. **Clocks** [DKMV01, YH97, AKD06]. **Cloning** [DDD98]. **Clos** [HJDH01]. **Closed** [TR96]. **Closure** [YMR93]. **Closures** [AW95]. **cloth** [GRR⁺05]. **Cloud** [CDJL09]. **Cluster** [AFT⁺00, BAH01, GS01a, HS00, JM00, LS01, MKC01, PT01, ARM⁺05, BMARM07, FW05, HW03, MAR05, MSJ05, MBH⁺08, OC07, PSPR05, PVPM06, SAOKZ05a, SAOKZ05b, TC04, VM03, ZBF05]. **cluster-** [SAOKZ05a, SAOKZ05b]. **cluster-based** [HW03, MBH⁺08, PVPM06]. **Clustered** [CP99, MF94, HRC09, Wan06]. **Clustering** [ASM09, GY92, HJ07, TZ07, WSH⁺03, WHT00, GWH06, LLW07, MCC04, RIZ90, SX08, WMW09]. **clustering-based** [MCC04]. **Clusters** [AYI97, BJ99, BP01, BDH⁺97, Dek00, KMKD97, KR98, LC97, PN97a, PN97b, WB96, Wei02, BČFF05, BJS03, FMR05, GJA08, KYL05, ME04, PYF08, PY09c, QJ05, QS05, SM04, TC03, WLN06, WLWW09, YH07, ZB09, ZI08]. **CM** [BSGM90, LAD⁺96, PTC⁺93, Sab94, SI91]. **CM-2** [BSGM90, SI91]. **CM-5** [LAD⁺96, PTC⁺93]. **CMPs** [DKRI09]. **CMV** [WDDK09]. **CO** [ASST05]. **Coarse** [BR96, BM04b, CDRC99, DFRCU99, HK96, NS97, SR97a, SR97b, TF01, CT94]. **Coarse-Grained** [BR96, CDRC99, HK96, SR97a, SR97b]. **Coarsening** [DR98]. **Code** [Bec96, FK89, JH94, NS97, RNSB96, BCM87, Gao89, LS06, SY04]. **code-based** [LS06]. **Codes** [BVB02, Lat98, GRR⁺05, HR90, LWR⁺03]. **Coevolutionary** [Ser97]. **Cogenerator** [KSP⁺92]. **cognitive** [MKC⁺09]. **Cographs** [LO94, LO91]. **Coherence** [ABP92, CKL99, DS95a, DSS95, GS96, HP97a, HF96, KS95, LY98, LY01, PL95, San95, SDS99, FGP05, GVA⁺08]. **Coherence-Miss** [SDS99]. **Coherency** [TJ92]. **Coherent** [PY96, SYU07]. **Coincident** [ZLPP01]. **Cointegration** [THN⁺93]. **Coir** [SG96]. **collaboration** [ABCM07]. **Collaborative** [CH06b, WW07, FM07, GCS06, Wan06, XQ04]. **Collapsar** [JXW06]. **Collection** [BS90, KS00, RW01, HVM07, JLM08]. **Collection-Oriented** [BS90]. **Collective** [DT01, HK01, TSC01, BRP03]. **Collision** [YB95, SK05b]. **Colony** [RL02]. **color** [Ebn04]. **Coloring** [LSH96, BGM⁺08, DJT03, GDP08, HLM⁺90, KJD03]. **Colorings** [GJP96, Ros89]. **colouring** [SS03]. **column** [Mat06]. **COMA** [CKL99]. **Combinations** [Kap93]. **Combinatorial** [Kap93, KA89, CCLS94]. **Combine** [BLPV95, Van94]. **Combined** [OY00, CF88]. **Combining** [LKK94, LK98, LC96, SZ00a, WR95, GWWL94, HDJ08, TY90a]. **Comments** [Cha94, GRV08, Pan09]. **Commercial** [DZDZ01, MKC01, NKC⁺97]. **commit** [mYA91]. **Committee** [Ano93a]. **Commodity** [PVPM06, MC03, ZB09]. **Common** [MS99b, ALH⁺09, MS88, FII04]. **common-bus** [MS88]. **communicating** [BFTV87, SSM⁺06]. **Communication**

[BPR99, BKT95, BCR96, CW00, CCRS92, CGL⁺95, CS95c, DUSH94, DS95b, ESMG96, Fah96, FM99a, FKT96, FGKT97, FA95, FAM96, Fra92, GRV97, GBES93, GM94a, GK98, GPS96, HQPT99, HH01, HP95, HS93, HA92, IM94, ITT04, Joh87, KL01b, KLS90, KS00, KS02, LHS97, LZ02, LR03a, LO96, LWP02, Mck94, MRRV98, MSST99, PP96, PB99, QH96, RWK95, RS92c, RU99, RMC97, SCM99, SS99, SOG94, SSK96, SBAM96, SKH96, TF92, TSHH01, TSC01, VM03, WR97, XKMN94, Xue97, ZH99, BFTV87, BCM87, BOS⁺91, BRP03, CCS06, CNS03, CHC05, DW04, Ede91, FW05, GPT06a, GP05, HK05, IB04, KYL05, KSG03, Lai86, Lo92, Lun90, LM09, MAM05, NRM⁺09, PB90, SS89, SPBR91, Sta04, SW90, ZBF05, ZV09b].

communication-aware [ZV09b]. **Communication-Computation** [QH96]. **Communication-Efficient** [HQPT99]. **Communication-Free** [HS93]. **communication-induced** [LM09]. **Communication-Minimal** [Xue97]. **Communications** [AMN00, BD00, CQ95, DRR96, LLJ00a, SC91a, SHC93, TSC01, WA02, YMG01, ZR00, EB09, GMH⁺91, LHP07]. **Communicator** [KF90b]. **community** [Trä09]. **Compact** [CDF01, CJ99a, CJY04, CI03, NCTT09]. **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, SSOB02, SAC⁺98, Tay02, AFM03, FGZ03, SS94b]. **ComPaSS** [XKMN94]. **compatible** [MP08]. **compensation** [Yan09]. **Competition** [eW95, TR89]. **Competition-Based** [eW95, TR89]. **Competitive** [DLLX97, GS96, Ser97, VM95]. **Competitive-Update** [GS96]. **Compilation** [BCR96, CA96, HHKT96, PA96]. **Compile** [Fah96, HA92, LPU97, PM96]. **Compile-Time** [Fah96, HA92, LPU97, PM96]. **compiled** [KYL05]. **Compiler** [ABDS02, BW95a, CGSV93, HKT94, KRC00, LY98, LY01, RJY96, SDS99, SD00, Tse90, VV90, WB94, DK04, RG06, Sab94]. **Compiler-Controlled** [SDS99]. **Compiler-Directed** [LY98, LY01, RJY96]. **Compiler-Optimized** [ABDS02]. **Compiling** [BS90, BCF⁺94, DRR96, GKHS96, KHS96, SSHC00, SB93, DeG88, LC91a]. **Complement** [YAS98]. **Complete** [BP02, Efe96, HKMU98, HM01, SP96, SHL95, TT98, Wag94, ZW00, MPZ09]. **completion** [KSG03]. **Complex** [GPS96]. **Complexity** [BH93, CMS92, Dja06, FAGW95, Fra92, GRV97, Gon98, JBL02, Tay02, BPW05, CH06a, DUW86, SSS88, THSS87, WG08]. **compliance** [AM06]. **Component** [HHM94, SR94, CT94]. **Components** [BJ96, Kar02, BBB⁺06, Hoh90, LWR⁺03, MHPR05]. **Composed** [SM92a]. **Composing** [BA96]. **compositing** [WGCZ09]. **Composition** [HLJ98, Tay02]. **Comprehensive** [DG94]. **compressed** [WBTM09]. **Compression** [SYO94, CD95, NRM⁺09, SR91]. **Comput** [WTC08a]. **Computation** [AM97a, AISS97, BCV94, BP95, BA01b, CA95a, GM94a, GM95, HR92b,

HR92a, JSS92, KF95a, KS00, LHM95, PB99, QH96, Sch90, Sin87, SA93, TR96, Win85, CR96, CL85, DHK04, DWHL87, JT88, KSG03, Lee90, NCTT09, PK07, SD88a, SZ03, VGAB08, WL04, WT09, WCO⁺09, YJB91].

Computation-Intensive [CA95a]. **Computational** [DRC90, JBL02, KRW96, KR97, Num08, Num09, AB03b, AGMJ06, CS06a, DHS06, LBE03, MJ03, TZ06, WW03]. **Computations** [AGF94, AMN00, AP94, Ano92a, BR95a, BDKM94, BW95a, Cas93, CN93, CQ95, CGA98, DUSH94, DN94, GR96, GK98, HH97, HJ01, HF02, KL01a, KME92, KC99a, KS02, LPZ99, Man94, MR94a, MP93, MNM98, NRS95, Nas94, Nic94, OS96b, OSZ98, OP98, SV00, WB96, ZB97, ZYO02, AAD05, AFM03, DMCFCM03, EL91, FXW03, Joh87, KME89, KHK03, ST89, SC04, SK91, SS94b, TG04].

computations/applications [KHK03]. **Compute** [ABM⁺92, CM92, CTZ99]. **Compute-Intensive** [ABM⁺92, KAS07].

Computer [BCH95a, BS96b, BS96c, Cha94, CDP95, HHM94, IWM97, Kri91, LLS93, LR94, MKY⁺97, NSS97, PEC95, VV90, WF93, WHT02, Gai87, GE85, Gos90, GREC91, HR89, HR90, Irw88, JW89, KK86, LV88, MP08, SAB⁺92, Vel89, WJD91]. **Computers** [Alu97, ADM⁺94, AB93, BS90, BR95c, yCM98, CCC92, Chi92, CY96, CJ99b, Fer93, KL01a, KGV94, Li01, MT96, MSC96, MYD95, Moh96, NFEG97, NS92, PE93, Ree84, RW01, SR94, Shu95, Sto90, Tan84, TC92, VSM96, WLR90, Yan93, YP96, Zhu92, ZM94a, ALS91, AP91c, BGM⁺08, BCF⁺94, Car90, CT94, GMS06, JL05, KESA07, LR06, ML89, PB90, Raj04, Sab94, Sch87, WRHR91, ZLRP91]. **Computing** [AW95, AL99, AM97b, ANT02, Ano97k, Ano99g, Ano01e, Bai94, BG90b, Bir94, BD00, BSB⁺01, BDH⁺97, BNSP99, BS09, CA94, CEF⁺95, CDJL09, CP99, Deh90, DAYA02, DBP94, ELS94, ES97, FFK97, FPP⁺08, FGKT97, GRS97, GS01a, HGCC96, HS00, HHC98, KSA95, KMKD97, Kri92, KC99b, LAS⁺97, LFA96, LS01, MWL00, MAS⁺99, MC93, NA06, OY00, PN97a, PN97b, Pat01, PT01, PRS97, SM94, SdS97, SR95, SS97, Szy95, VR94, WR97, WSRM97, Wei98, WF96, WLID02, wXH00, YZS96, ZO97, AC89, Arb89, AM06, BC06, BW09, BDDL09, Bou03, BH05, BSMH08, BAK⁺03, CCS06, CSW08, CVJ09, DK08, DÖ06, EL88, FCG04, GWWL94, Han89, IB04, KS08, KVHS07, KL05, KBD05, KC04, KMS⁺06, LTL06, LCC⁺05, Li05, LY08, LPX05b, LR05, Luk85, LLS07, ME04, MCT06, MMS09]. **computing** [MSJ05, MC03, NAK04, NRM⁺09, Oza04, Raj04, RRS⁺08, SAOKZ05a, SAOKZ05b, SCS⁺08, SAB⁺92, SFEF06, SB04, ST08a, TZ07, TRSS06, UAKI06, VD04, WS06, XQ04, YC04, ZV09b, ZB03, ZFWF06, ZHO03, Ano99g, Ano97j, BS09, CDJL09, Gra09, Lan09]. **Concentrate** [LW95].

Concentration [JL05]. **Concepts** [TAS⁺01, ZZ90]. **Concerning** [IPK85].

Concurrency [Ahu90, KCV99, LZCY09, MS96, NMS93, RM90].

Concurrent [AyJ93, CCM92, FPD93, IM94, Joh94, MM04, RSD94, RS92d, WCF94, WW96, WG93, WT92, Chi95, CMT92, DB08, FJSW90, GV86, KME89, Par89, ST05, TK07, Chi95]. **Condition** [SJ96]. **Conditional** [CW09, ERA95, RLS96]. **Conditions** [DJ98, HM96, MI92]. **Condor** [HS97].

Condors [BZH06]. **configuration** [BL05, FVCL05, NP09]. **Configurations**

[LK94]. **configured** [ZV06]. **Conflict** [BP02, CH92, DP00, DFP06a, HV09]. **Conflict-Free** [BP02, CH92, DP00, DFP06a, HV09]. **Conformance** [CY95]. **Congestion** [BDF01, XWC⁺08]. **Conjugate** [Bas97, McA89]. **Connected** [Ann94, ADM⁺94, BJ96, BCH95b, yCM98, CCC92, CWW⁺95, CT94, CY96, CDP95, DVZ96, Fer93, HHM94, LH92, MD01, Moh96, SR94, Tze93, Zhu92, ZYO02, dBL95, BB85b, BBd90, Car90, DW06, GP07, HJ07, HSW04, HR89, HR90, JT88, JL05, KT91, KF90a, LC90a, LC91b, Li06b, LV88, MHPR05, PB90, Raj04, SI86, ST06, SSM89, SC91a, TR08, YME06, HWW96]. **Connecting** [FT94]. **Connection** [AyJ93, GHKS98, ML89, 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, DH91a, OMSGNSG05, SK89a]. **Conquer** [CTZ99, AY89, BW09, Sto87]. **conscious** [OC07]. **consensus** [ISM07, MR09, WTC08a, WTC08b, WCYR08, XBK07, DS04b]. **Conservation** [FLS⁺97]. **Conservative** [LA93, BD04]. **Considerations** [Ger98, VWHL96]. **Consistency** [Bir94, CA95b, GAG⁺92, SS08, Fei03, HC09, WDDK09, XO05]. **consistency-driven** [SS08]. **Consistent** [KCDZ95, HK08, JLM08, LFA05]. **constant** [Ebn04]. **Constant** [BGOS95, BPP05, BTZ98, COS⁺95, DS01, KBG92, RO92, TVS97]. **Constant-Time** [BGOS95, COS⁺95, DS01]. **Constrained** [AZ01, BSDE96, MMVR97, RL95, BKS05, HP06, KSI04, WTB⁺08, ZV09b]. **Constraint** [GHH92, LP97, Mon94, CLL09, UAPM07]. **Constraints** [BA96, KB96b, LTWY95, van96, AP91a, AY89, ACU08, DUW86, FVLB09, Li06b, SSM⁺07]. **Construct** [BW96]. **Constructing** [CCS06, CS06a, Hal05, HS94b, BBL04, DW06, GC07, LMZ04, LH04, OMSGNSG05, WC91, YZLT09]. **Construction** [BCH95b, DM95, DFN⁺94, DJM94, BFG⁺03, LT07, LS05]. **Constructions** [FA95, HV95, HV09]. **constructor** [tH90]. **Constructs** [Ano92a, KME92]. **consumption** [LCW05]. **Contact** [PAH⁺98]. **contemporary** [VM03]. **Content** [Li99, Win85, Bar05, Fei03, FM07, SZ09, SCK03]. **Content-Addressable** [Win85]. **Contention** [BCD00, LKK94, FA07, JW89, NSTN91, Nik03]. **Context** [Cou93, Ano04d, BPA06, IB04, YK04]. **context-aware** [BPA06]. **context-sensitive** [Ano04d, YK04]. **Continuous** [NH93, MCdS⁺06, dGP06]. **continuously** [AKSM08]. **Continuum** [MP96]. **Contractions** [BBN93, Ros89]. **contributions** [RGU08]. **Control** [AGW98, AGW01, BJP91, BBM⁺02, BCLR96, BCD00, BDF01, DSST95, ESA03, FR96a, FT94, KSP⁺92, LM96, MS96, Nie94, OS93, SG96, THBF97, WLID02, Ahu90, BMF05, CF88, Che89, CLM90, FL86, HCZ04, KNS91, LL90, LZCY09, LCW05, MG09, RKK06, TG04, WJD91, XYDL06, XWC⁺08]. **Control-Memory** [BCLR96]. **Controlled** [CGSV93, Li99, MG91, SDS99, SD00]. **controls** [YSL08]. **convection** [CEGS07]. **convergecast** [KK06]. **Convergence**

[GCM95, ÜD96, YBOY97, Tor89]. **conversion** [SMH91]. **Convex** [DS84, DFRCU99, LP97, Wu02, DDNS06, GS03a, RBD08]. **Convexity** [BOS⁺95, BGOS95]. **convolver** [Kep03]. **Cooperative** [BW95b, GRDB05, NP09, YF07]. **Coordinated** [VPHML06]. **Coordinating** [DZ97, CHC05]. **Coordination** [DRST02, DRT07, MS05]. **Coprocessors** [SS99]. **Copy** [Ano93e, CS93b, CS92]. **CORBA** [CCC⁺04, LWR⁺03, MSAF04, RSR04, wXH00]. **CORDIC** [CL88, HBH93]. **Core** [BCR96, PL94, KKB⁺06, LHT08, Raj04, SCB09, Trä09, WJV07]. **core-based** [LHT08]. **Cored** [GS01b]. **Cored-Based** [GS01b]. **Correct** [JF95]. **Correcting** [BA01b]. **Correction** [Lat98]. **Correctness** [BCC95, GG94, KS94]. **corrector** [GGR89]. **corresponding** [BS03]. **Corrigendum** [WTC08a]. **Coscheduled** [KCD08]. **Coscheduling** [ABM⁺92, NBSD99]. **Coset** [Oru87]. **cosmology** [LTL06]. **Cost** [AZ01, Ano92c, BC01, DT97, FM99a, GPS96, HCS⁺00, JH92a, JLRA97, KER01, LO96, Nic07, PP96, QM01, SC95, WC91, Wei02, AP91c, BJS03, CL09, GJXZ05, LMZ04, MSM09, SSM⁺07, Yan09, ZJ06]. **Cost-Driven** [FM99a]. **Cost-Effective** [BC01, ZJ06]. **Cost-efficient** [Nic07]. **Cost-Optimal** [DT97, WC91]. **cost-performance** [BJS03]. **Costs** [Fah96, WF90, PB90]. **coterie** [SGR03]. **Coteries** [WRC⁺02]. **Countering** [SFEF06]. **Counting** [KS00, SS96, WW98, WW04]. **coupled** [AjHcC90, BBB⁺06, BMF05, SA90]. **Coupling** [GT02, YWD08]. **Cover** [Ano04e, ANP07, DDNS06]. **Coverability** [SP90]. **coverage** [HWC08, WMW09, ZC04]. **coverage-oriented** [ZC04]. **coverings** [Bod89]. **Covers** [ABCP96]. **Covert** [BKT95]. **Cowichan** [ASST05]. **crash** [BG05, ISM07, MFVP08, MR09]. **crash-prone** [MFVP08]. **crash-recovery** [BG05]. **Cray** [CDH84, SI91]. **Cray-2** [SI91]. **CRCW** [GM94b]. **create** [AM07, MMAL⁺06]. **Creating** [DHS06]. **Creation** [Ric98]. **CREL** [KMB91]. **CREW** [OOW95]. **Criteria** [BSS99, CCR94, LL07]. **Criterion** [SS93]. **Critical** [BLG01, Seb95, GST09, TYH09]. **cross** [CI03, KPR88]. **Crossbar** [CP01, KJ84, OK01, PD92, LW89, McA89, Wil90]. **crossed** [CW09]. **crossing** [HSSM07]. **Crosstalk** [Qia97]. **CSA** [Ebe94]. **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, XL95, BVB02, CW09, FLPJ07, SAOKM03, WS97b, YTH07, YD98]. **Cubic** [CP98, MP88, YME06]. **CUDA** [CBM⁺08, KME09]. **Cumulative** [Ano98l, Ano99h]. **Current** [KS95]. **curve** [Gue86]. **Customized** [Isl97, ZLP97]. **Cut** [DRSB01, KLLK98]. **Cut-Through** [DRSB01, KLLK98]. **Cutsets** [DH94]. **Cycle** [Ano00d, KK95, LS97, Ros99, HDT⁺05]. **cycle-accurate** [HDT⁺05]. **Cycle-Stealing** [Ano00d, Ros99]. **Cycles** [BCH95b, Tze93, Wan01a, dBL95, JT88, JL05, KF90a, PK04b, ST06]. **Cycletrees** [VB96]. **Cyclic** [OP96, PT97, SSG93, BD05, HS03, PK05a, Sch87, ST87]. **cyclic-by-rows** [ST87]. **Cylindrical** [WN94].

D [Ano92a, Ano93e, BAES92, CS93b, SS94b, AR97, BLPV95, BFG94, BAL05, BC94, CW00, CS92, DSAUM99, GW99, HHKT96, HKT94, LME95, MKY⁺⁹⁷, PEC95, Wan07, WS95, Wu02, YB01]. **D-ISODATA** [DSAUM99]. **DADO** [SM86]. **Daemon** [KY02]. **DAG** [CJ99a, CJY04, DQR⁺⁰⁹]. **Dags** [BCLR96]. **daisy** [GRV08, MVB05]. **DARPA** [WRHR91]. **Data** [AOS⁺⁰⁵, AL04, AAL95, ALS91, Ano96j, Ano00d, ADM⁺⁹⁴, BVB02, BCD95, Bal90, BBB⁺⁰⁶, BG90b, BHS⁺⁹⁴, BR95c, BR02, BS09, CDY97, CK08, CGL⁺⁹⁵, CP92, CHR94, CRFS94, DOP98, DRC90, DSAUM99, DRST02, DHR96, DSD⁺⁹⁷, DSS95, Fah96, FMP98, FKKC97, FMW⁺⁹⁴, GG94, GP93, GC01, GDN⁺⁹⁸, GS96, Gup92, HK01, HJD⁺⁰¹, ISZBM99, JW94, JS86, JB93, KR97, KLS90, KRS01, LSCA93, LZ02, LAS⁺⁹⁷, LY98, LY01, LO96, LL95, Lu01, MS85, MRRV98, MK92, MRK93, MNB95, MNM98, NBP98, Nic94, OK02, OP98, PHB96, PH91, PL98, PT97, QZ94, QH96, RSW90, Ros99, RW93, SS89, SMH94, SG99, SR97a, SR97b, SAC⁺⁹⁸, SSHC00, SHT⁺⁹⁵, SS94a, SSYG97, SIR92, Ste95, SC91b, SV00, SG96, TSC01, TR96, VBM90, WB94, WNA⁺⁹⁴, WPKK94, WSS93, Wei02, WS97a]. **Data** [ZRC99, Ara90, BH86, BR91b, CK06, CF88, CKN07, CLL09, CZ90, CTT08, ESTA94, EDÖ05, FP03, Gao89, GE85, GS91a, GJA08, GBA08, HMV07, HLS03, HSMB91, HP06, HA05, JZ05, KA08, KHK03, KAS07, KL05, LHF91, LC91a, LLW07, Lon04, LA04, MCdS⁺⁰⁶, ME04, MP08, NS90, NCT⁺⁰⁷, NAK04, NTC03, Pad91, PSPR05, PLR07, Psa96, SS08, SC04, SM08a, SK05a, SD88a, SR91, ST08a, TR89, TBHA07, TZH⁺⁰⁶, TK07, VB08, WSH⁺⁰³, WT09, WL05, RAB08, WLL08]. **data-** [KAS07]. **data-/compute-intensive** [KAS07]. **data-center** [FP03]. **Data-Driven** [JB93, VBM90, WSS93, BH86, KHK03]. **Data-Flow** [BG90b, GE85]. **data-gathering** [LLW07]. **Data-Intensive** [BS09, SC04, VB08]. **Data-Parallel** [AAL95, Ano00d, BCD95, BHS⁺⁹⁴, CGL⁺⁹⁵, DSD⁺⁹⁷, FKKC97, KR97, OP98, QZ94, QH96, Ros99, RW93, SAC⁺⁹⁸, SSHC00, Ste95, WB94, WNA⁺⁹⁴]. **Data-stream-based** [CK08]. **Database** [DSW94, HILLY95, HTL99, LLS93, LHM95, MB93, RSD94, YMR93, BH86, CI86, HPSM91, LY91, LZCY09]. **Databases** [BM95, CS95b, FCF00, MFS93, Ahu90, BA06, CG86, PF08, Ram89]. **datacenter** [MG09]. **Dataflow** [BG86, BCF97, BPN90, BJP91, BH93, GGB93, Gao93, HCAA93, LB90, MNB95, NBM93, RSBN01, SA93, SBKB90, VV90, YMR93, Bic90, KLL87]. **Dataflow-Based** [RSBN01]. **dataraces** [SSS07]. **datasets** [ZB09]. **DAWGS** [CM92]. **dBBlue** [SLWW05]. **DCC** [BCD00]. **DCT** [Jia99]. **DDE** [WS97b]. **DDoS** [CH06b]. **Deadline** [LTWY95]. **deadlines** [BSMH08, KSS⁺⁰⁷, WL05]. **Deadlock** [Ano96l, BHRS95, CP01, CMS92, KS94, Li92, MJ94, PA97, PA01, SJ96, TT07, ZN01, BB85a]. **Deadlock-Free** [CMS92, Li92, PA97, PA01, SJ96, ZN01, TT07]. **Deadlocks** [RP95, WP02, LJ05]. **Dealing** [BKS05, FP03]. **DEAR** [ALF03]. **debug** [BBCLL04]. **Debugger** [MB96b, BBCLL04]. **Debugging**

[MI92, MLC⁺90, SG93]. **Decaying** [GM96]. **Decentralized** [GMXA07, HS97, Che89, SL06, mYA91]. **Decision** [ADS01, BF01, LFA96, KC04, PP06]. **Decision-Tree** [BF01]. **Decomposable** [KS08]. **Decomposition** [Bai94, BBCD02, CP92, HJ90c, HBH93, KBG92, LS95, NPY⁺97, PE93, QZ94, Ara90, ACFK07, CvdBL⁺08, Luk85, OT86, SK09, TW87, XWC⁺08, ZWRI07]. **Decompositions** [ABCP96, KRW96, Oru87]. **decoupled** [CTCX08, DBC03]. **Decreasing** [TSHH01]. **dedicated** [AM07, MAR05, WLNLO6, ZV09b]. **defense** [XCH08]. **definite** [KK86]. **Degenerate** [HF96]. **Degradable** [BBR94, CGA98, LH92, RCB93]. **degradation** [NSTN91, WCYR08]. **Degree** [DS96, Pra93, RL95, LVP08]. **Degree-Constrained** [RL95]. **degrees** [ZDC06]. **Delaunay** [ABC⁺09a, ABC⁺09b]. **Delay** [AZ01, HWWH08, LMZ04, MD07, SGR03]. **Delay-Constrained** [AZ01]. **delay-guaranteed** [HWWH08]. **delay-optimal** [MD07]. **Delays** [GM94a, GK98, KL01b, Sta04]. **Deleting** [BCK⁺09, PPC04]. **Delivery** [CLZ02, CLV95, Bar05, KMF⁺05, KNS06, SZ09, WGCZ09, XYDL06]. **Delta** [KJ84, YL89]. **Demand** [DSST95, HLL⁺95, JSCB95, BSW07, FVLB09, SFEF06, WL05, XG03]. **dendritic** [WCKD06]. **denial** [KMMZ06]. **denial-of-service** [KMMZ06]. **Dense** [DVW94]. **densities** [DHK04]. **Dependability** [SM92a, WLID02]. **Dependable** [MAJJ05]. **Dependence** [GSG⁺93, KK95, Xue97, CC87, Psa96]. **dependences** [NCT⁺07]. **Dependencies** [KBG92, TC96, BSMH08]. **Dependency** [GP94]. **dependent** [AL04, BH05]. **deployment** [VHH08, ZC04]. **depth** [BP89, LH04, PV07]. **depth-first** [PV07]. **deques** [ST08b]. **derivatives** [PK04a]. **Descriptor** [Bal90]. **Design** [Ano92c, BAH01, BCD00, CGKK97, Car95, CCC90, CT93, CAB94, CW93, DBKF90, DVW94, ES96, EMP⁺96, FC90, FR96a, Fer92, GRV08, GFB⁺92, Ger98, GRS97, GSP02, HP97b, JH92a, LL90, Lee91, LH92, LLS93, MKC01, MVB05, MG09, MML07, NBM93, NJ91, Nie94, NsPPC02, OS93, PA01, PI90, RCB93, RPS93, RKK97, SAOKZ05a, SAOKZ05b, SRK95, SHC93, SOG94, WNA⁺94, WH97, XKMN94, BZLI04, Che86, Chi95, CC96, DE91, Fer90, FD86, GREC91, HDT⁺05, HWWH08, Lon04, LVB07, Nap90, PLD87, RGD03, TM06, TB90, VHH08, WSG91, ZV09b, ZFWF06]. **Designing** [BC01, CB06, DH91b, GP93, GB93, KT89, NS92, Oru87, SRGB90, TC96, KAS07]. **Designs** [HCS⁺00, LHM95, MD01, Oru94, Bhu87, CP04b, Sch89b, WAS88]. **desktop** [CCEB03]. **Detect** [XCH08]. **Detecting** [CK97, NCT⁺07, Tse95]. **Detection** [Ano96l, BN02, BHRS95, BST01, CW93, CY95, CDP95, dADB96, GCKM97, GS96, HTB98, ISZBM99, KSB94, KS94, LLLY08, MMRS98, Par92, PAH⁺98, Ram89, RP95, SL97, WCF94, AMK⁺07, BXA08, CRK⁺09, CV90, CH06b, DFP06b, Eri88, FM85, Gue86, GH89b, KHK03, Lai86, LJ05, MD07, MFVP08, YF07]. **Detections** [Yen01]. **detector** [SLG06]. **detectors** [DGF GK05, LFA05, MFVP08]. **detention** [JXW06]. **Determinacy** [BN94]. **determination** [MJ03]. **Determining** [GRR93, LAS⁺97, DH91a].

Deterministic [AS91, BBCD02, OS96a, SGS08]. **Development** [BR95b, FSD04, PH00, DBC03]. **deviation** [XBK07]. **Device** [DM90a, ALF03]. **devices** [Ano04d, WL04, YK04, ZV09a, ZV09b]. **DEVS** [PK05c]. **DHT** [BJPPM⁺08, SP08, SX08, ZH07]. **DHT-based** [BJPPM⁺08, SP08]. **DI-multicomputer** [CC96]. **Diagnosing** [Qia97].

Diagnosis [BW95b, Kav93, KF95b, RFM94, Wan01b, eW95, FY86, FZ90, Yan04]. **diagonal** [PRHB06]. **Diagram** [RR95b]. **diagrams** [SZ03]. **Diameter** [DF95, LP95, RS96b, RLS96, WIKC97, BBL04, CW09, SLWW05]. **Diameters** [Als01]. **DICE** [CKL99]. **Dictionaries** [MD98]. **dictionary** [GA90]. **difference** [HT90]. **Differences** [LDCZ97]. **Different** [GAG⁺92, PD92, Bhu87, GPT06b, MM06, She06]. **differential** [GGR89]. **differentiated** [AM07]. **diffraction** [ZI08]. **Diffraction** [DLS00, HPT07]. **Diffusion** [SKK97, BFH09, CEGS07, MMS09, RN04]. **diffusion-based** [MMS09]. **diffusion-type** [BFH09]. **Digit** [BOI91]. **Digital** [ZRC99, NAK04, PR06]. **Digitized** [HHM94, Ara90]. **Digraphs** [BMMS01, TZ00, BP89]. **Dilated** [Iqb92, Qia97]. **Dilation** [CCCM96]. **Dilation-** [CCCM96]. **Dimension** [HSW04, RS96a, WS97b, XL92, XL95]. **Dimension-exchange** [HSW04]. **Dimensional** [AKPT99, CCCM96, DFN⁺94, FLS⁺97, Hwa97, KR98, LHS97, LP96b, LP95, NEG85, TC96, VB94, YCY⁺00, AB05, DMCFCM03, Deh90, FCG04, GSSS03, HT90, KVHS07, KLC05, LSC00, LC91b, NBP98, NAK04, PTA08, PK07, SGR03]. **DINO** [RSW91]. **Direct** [GV94, LLCC02, TF01, ACFK07, ACU08]. **Directed** [GY92, LSC00, LY98, LY01, RJY96, BD05, WCWH03, Wu03]. **Direction** [BC94, Ebe94]. **directional** [CCHC09]. **Directory** [GS00, JSM94, RFPAG08]. **disasters** [FP03]. **Disciplines** [MSd⁺95]. **disconnected** [LR03a]. **Discovery** [CHGM01, AOS⁺05, KOA09, KKS09, MKC⁺09, She09, TDC05]. **Discrete** [Ano02v, AB93, BBM⁺02, Bou02, DMSH90, Lin93b, Lin93c, LLCL98, NC97, Pra93, CVJ09, CRC⁺02, TKHG04, ZZ90, ZCK⁺02]. **Discrete-Event** [DMSH90, Pra93]. **Discrete-Time** [BBM⁺02]. **Disjoint** [BGR96, GT97, GP00, NS90, RSS99, WB01, Lin03, LS03, TDM05]. **Disk** [CT93, Cor93, ER97, GP93, LP96b, MKC01, MRK93, MFS93, Raj01, RCB93, CL03b]. **Diskless** [PKD97]. **Disks** [MT93b, MB93, MFS96, CkLCK04, CkLCK05, OC07, VA07]. **Dispersing** [Gil94]. **displays** [Tay05]. **dissemination** [MCdS⁺06]. **Distance** [BVB02, CW00, CDF01, DS01, DF95, ST02, DS04a, Ei07, Hsi04, MBR08, ST06, WCWH03]. **Distance-Hereditary** [CDF01, Hsi04]. **Distance-Insensitive** [ST02, ST06]. **DistDLB** [LTL06]. **DistOpt** [CLRW00]. **Distrib** [WTC08a]. **Distribute** [LW95]. **Distribute-** [LW95]. **Distributed** [AE95, AL99, AM97a, AM97b, AMN00, AFS96, ABJS01, Alu97, AYI97, Ano96j, Ano96l, Ano97j, Ano99g, Ano02v, Ano02u, ABCP96, BR95a, BR96, BFTV87, BGLA03, BCV94, Bas97, BA01a, BCH95a, BAS06, BPR99, Bir94, BCD00, BCR96, Bou02, BSB⁺01, BHRS95, BNSP99, BS09, CS00,

CTD99, CCM01, CC08, CL91a, CS93a, Cha94, Cha96, CKK00, CNS03, CC94, CK97, CDJL09, CB95, CWP98, CM92, CA95b, CLRW00, CJ99b, CP99, DWG03, DY99, DA97, DUSH94, DS95b, DOP98, DMSH90, DN94, DSW94, DSAUM99, DAYA02, DL99, DH95, dADB96, EP90, FR96a, FFK97, FKS97, FM99b, FY97, FTC00, FBDC99, GDP08, GP07, GCKM97, GM94a, Gra09, Gup92, GKHS96, GHSJ96, HR00, HBCM99, Haw97, HK01, HP97b, HLJ01, JF95, JSM94, JNW96, JRR99, KKGS01, KY02, KRC00, KS97a].

Distributed [KHS96, Kel00, KB96a, KZ96, KCV99, KS00, KC94, KS94, KS02, KC99b, Lan09, LWY97, LTH97, LZ02, LC90b, LHM95, Li99, Li01, Lin93c, LLW07, LHT08, Lon04, Lu01, LS01, MI92, Man97, MS99a, MLC⁺90, MT97a, Mat93, MSS00, MFS96, MSST99, MK08b, NSS97, NTA96, NBP98, NM02, OK01, PHB96, PAM94, PA96, PB99, PK07, PM92, RSB96, RWK95, RS92c, RDS02, RJY96, RGS00, RAS96, Ros07, RP95, SM94, Sch89a, Seb95, SRGB90, SZW05, Shu95, Sin87, Sin93, SS94a, SM08a, Sni03, Soh96, SIR92, SBAM96, The02, TSC01, TAS⁺01, TG97, TB90, Tse95, TY95, Wan01b, WCWH03, WW98, Wee01, WRC⁺02, WMG01, WF96, WLID02, WUG99, Wu02, XBK07, wXH00, XQ04, YH97, YB01, ZV06, ZM94b, van96, AT03, ALH⁺09, AAFV04, AL04, Ahu90, AGMS04, AFM09]. **distributed** [AMK⁺07, AH06, BFG⁺03, BCV05, BMB⁺08, BLPA05, BG89, BNP02, Bar05, BB03, BRP03, BK08, BD04, BMF05, BH05, BGM⁺08, BCF⁺94, BFKP04, BBL04, CSWD03, Car95, CG86, CV90, CvdBL⁺08, CTCX08, CS08, CLM90, CkLCK04, CkLCK05, CGG⁺09, CJA09, CI86, CPO⁺03, CTT08, CK91, Cyb89, DK08, DM04, DRT07, DHK04, DH04, DJT03, EBE08, ESA03, FCC07, Fer90, FL86, FX06, Gai87, GCS06, Gos90, GWWL94, GC05, GL90, HJ90a, Hoh90, HLM⁺90, HKW05, HL07, ITT04, IB04, IS06, JLM08, JZ05, Joh91, KUA07, KK06, KMMZ06, KAS07, KCD08, KL05, KBD05, KP05, KC04, Lai86, LTL06, LLL06, LVP08, LL90, LJ05, LY91, LZCY09, LVR90, LC91a, LVP07, LB09, LA04, LCM⁺06, Lun90, LM09, MD07, MM07a, MSM09, MHPR05, MBR08, MS86, MTS90, MM07c, MFVP08, NP09, OFS03, PKN08].

distributed [PK05b, PRHB06, PGS06, PL03a, Pop91, PF04, Ram89, RLH03, RKS87, SDTD04, SSS88, SU87, SC04, She09, SCS⁺08, SK90, SXZ06, SKK91, SK89b, SM04, TG04, TBZB05, TZH⁺06, VB08, WW07, WTC08a, WTC08b, WW04, WL92, XHY07, XQ07, ZCK⁺02, ZV09a, ZWRI07, ZWL03, dG91].

Distributed-Memory [AMN00, CB95, CJ99b, DY99, Gup92, GKHS96, GHSJ96, KRC00, KHS96, NSS97, PHB96, RGS00, Soh96, BGM⁺08, CPO⁺03, GL90, ITT04, LC91a, Pop91]. **distributed-Web** [KCD08]. **distributing** [TY90a]. **Distribution** [BRR01, BR02, CLZ00, DHR96, KL01a, LAS⁺97, LL98, MNM98, SSYG97, ASM09, Fei03, FM07, GRV08, GBA08, HSW04, LLL06, LT07, MVB05, PV89, SS06, ZWL03]. **distributions** [Nic07].

Distributively [VR94, FPP⁺08]. **divergence** [Tor89]. **Divide** [AY89, CTZ99, BW09, Sto87]. **divide-and-conquer** [BW09, Sto87].

Divisible [VB02, CVJ09, DW04, MVB05, ZV06]. **Division** [HP00, QMCL94, ZLPP01, EL91]. **DMON** [HP97a]. **DNA** [GPX08, JV09].

DO [CC87, CCC90]. **Doan** [Ano92c]. **Document** [ZWL03, XCZL03].

Documents [ALL99, Fei03]. **dollar** [SSM⁺07]. **Domain** [NPY⁺97, SK09]. **Domains** [DR95, BMF05, dGP06]. **dominance** [EE05]. **Dominating** [RDL95, DW06, HJ07, WCWH03]. **domination** [GP07]. **Don't** [BL94]. **DOOR** [Won99]. **DOOR/MM** [Won99]. **Doubly** [OOW95, ST08b]. **down** [Sch89b]. **Draw** [Mil93]. **Drawing** [CP98]. **Driven** [CB99, CP99, FM99a, JB93, The02, TVO92, VBM90, WSS93, BH86, GK04, KHK03, QJ05, SS08, VO89, YCC05]. **DSDV** [BDF01]. **DSM** [BJS03, ISZBM99, NPP⁺02, Nik03]. **DSMs** [KG04]. **DSP** [QSL⁺08]. **DSS** [FGP05, MKC01]. **DTN** [VV90]. **DTNs** [Yan09]. **Dual** [XWC⁺08, ZW00, MAJJ05, WCC02, WL05].

dual-Hamiltonian-path-based [WCC02]. **Duane** [BS96c]. **due** [BKS91]. **Duplex** [RS94]. **Duplication** [BA97, DA97, BKS05, BD05]. **uplications** [SCJ⁺08]. **during** [VWHL96]. **Dyn** [WLN06]. **Dyn-MPI** [WLN06].

Dynamic

[AGF94, ALL99, Ano97j, BR95a, BJPPM⁺08, BPN90, BR02, CJ99a, Cyb89, DL01, FCC07, Fer95, FMP98, GP94, HM01, HC97, KKGS01, KPC96, KC99a, KS97a, LHK03, LPS⁺98, LL98, MAS⁺99, MSd⁺95, MSSE02, Moh97, MNM98, NPP⁺02, NPY⁺97, PHB96, QMCL94, RDS02, Ric98, RGV00, RN04, San95, SZ00a, SLP⁺98, SSB98, SB97, SG96, WCE97, WJD91, WLID02, XL92, XH93, ZLP97, ZA05, ZM94b, Ano04d, BCV05, BGLA03, BNP02, BB03, BK08, CBD⁺09, CW05, CGG⁺09, CDCD05, EE05, Fei03, FXW03, FKLB08, GCS06, GBA08, IC05, KMS07, KMS⁺06, LTB02, LLLY08, LC91b, LPX05a, LS06, MC91, MK08a, Mit07, MML07, NCT⁺07, PKN08, PM05, PSPR05, QJ05, SS06, SSS07, SZD07, SCK03, SLG06, TZ07, TH08, TT07, YK04].

Dynamically [JB98, KSS⁺07, SB84, dSR00, Kep03, Lai86, Mat06].

Dynamics [ES96, JBL02, NPY⁺97, PAH⁺98, TSA97, AGMJ06, CvdBL⁺08, GBMZ07, LYL08].

E-ODMRP [OPG08]. **E-R** [BG90a]. **earthquake** [KME09]. **EB** [SM92b].

EB-Equivalence [SM92b]. **ECC** [CL09, GCS06]. **ECC-based** [CL09].

EcliPSe [RS92d]. **EDAs** [MMAL⁺06, dGP06]. **eddy** [SM04]. **Edge** [BGR96, BS97, GT97, LSH96, TDM05, WB01, CL85, DJT03, GDP08, Lin03, SS03].

Edge-Coloring [LSH96, GDP08]. **Edge-Disjoint**

[BGR96, WB01, TDM05, Lin03]. **Edges** [HHC98, FPP⁺08]. **editing** [RS90b].

editor [WW03, AB03b, Ano011, Ano02g, Cas93, Che92, Cho93, Her92, Kri92, Lin93b, Pan09, Sch90, Sto90]. **Editorial**

[Ano94e, Ano95k, Ano96k, Ano99i, Ano02e, Ano02f, GHS94, GHS95, GHS96, GHS97, Kai92, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q]. **editors**

[XO05, AP93, AL99, Ano01j, Ano01k, Ano02h, Ano02i, BG90b, BD00, DOP98, ES97, GGB93, GC95, JW94, MC93, NT90, OW01, PN97a, PN97b, PA96, SH92a, TY95, WC05]. **Effect** [ACD⁺93, IS06, BL05, JZ05]. **Effective** [Ano97k, BC01, GM96, HH97, LT96, MAR05, QM01, TC92, VH93, WLID02,

YZS96, DK04, FII04, NAK04, ZJ06]. **Effectiveness**
 [GMM00, HKT⁺91, KS97a, LKK94, NRS95, TC03]. **Effects**
 [AMB95, DZDZ01, KB96b, ÜD96, CK88, HLS03, KG04, SPBR91].
Efficiency [EH01a, GG01, GSWW04, LZSL06, SI86, YF09]. **Efficient**
 [AOSM04, AP94, AKP95, AG86, AMK⁺07, BGH⁺03, BAGS95, BAH04,
 BRP03, BJK⁺96, BDH⁺97, BMIM07, CM04, CRK⁺09, CKK00, CCC92,
 CN93, CS95c, DDNS06, EP90, EL97, FGG08, FBK98, FMR05, GPT06a,
 Gao93, GR96, GCKM97, GM94b, GRS97, GP00, GKHS96, GNW03,
 HQPT99, HH01, HSL04, HHC98, HBH93, HO94, Hwa97, Iqb92, JB93,
 KPC96, KHS96, KLZ97, KKB⁺06, KA97, KBG92, LJ05, LY01, MD01, Mat93,
 MHC95, MS99b, NB93, NT93, NIR86, OS96a, OK01, OP96, Pad91, Par98,
 PA97, Pra93, RSS99, RSB96, Ric98, RJMC95, San02, SW96, SSHC00, Sin87,
 TU92, TR96, VB02, VBM90, WRC⁺02, WHT00, XMN92, YD98, YZLT09,
 ZB97, Zhu92, ZH07, BR91a, Bic90, CKN07, CGW⁺03, GT04, GLD06, HS06,
 HRJ94, Hsi04, Joh87, KL05, KA05, LMZ04, LS91, LR03b, LHP07]. **efficient**
 [Lon04, LA06, MD07, Nic07, PVGG06, SX08, SM08b, WJV07, Wan07,
 WTC08a, WTC08b, WMW09, WGCZ09, ZB03, ZHO03, LM09]. **Efficiently**
 [MT95, Coh90, CCM⁺06, FP03]. **effort** [Bar05, MAM05]. **EGEE**
 [VPHML06]. **Eigenvalue** [Kau94, LYL08]. **eigenvalues** [VGAB08, ZB03].
Election [SK94]. **Election** [AS96, KB96a, FKK⁺04, KGN89, Pel90, SS05].
Elections [FM96]. **Electric** [IWM97]. **Electrical** [MO97]. **electron**
 [FCG04, FGG08]. **Electronic** [WH97, AA93]. **Element**
 [BCV94, CSSY94, KME09]. **elementary** [FK89]. **Elements** [GB93, KNS91].
Eleven [BSB⁺01]. **Eliminating** [DR98]. **Elimination**
 [BPST96, BMM97, CS95b, Cap87, KA91, Vel89]. **Elimination-Based**
 [CS95b]. **Elliptic** [PSE⁺01, BGH⁺03]. **EM-4** [BAM93]. **embed** [SKK91].
Embedded
 [WA02, CkLCK04, CkLCK05, DQR⁺09, GSWW04, KR06, MBR08, PRHB06].
Embedding [ANS97, Ann94, AM93, BL89, CCCM96, CS95a, Efe91, Efe96,
 HKMU98, HJ90c, LSC00, LPS⁺98, Lin03, NPI⁺96, PM92, QM01, RWY93,
 SHL95, SLP⁺98, TT98, TLW94, TL96, Var91, Wag89, Wag93, Wag94,
 Wan01a, Wu85, WFL98, BG90a, FLPJ07, FT04]. **Embeddings**
 [GH93, HM01, HOS94, KC98, MT93a, OS97, OD95a, CL91a, GNW03, YTH07].
Emerging [Ano02v]. **Empirical** [FTC00, LR93, XZS96]. **Employing**
 [AGMJ06]. **empty** [Deh90]. **Emulation** [JH94, PRW94]. **Emulations**
 [RGD03]. **Enabled** [MWL00, CCN06, KTF03]. **Enabling** [SP08, ZPI06].
Encoded [JH94, CLV95]. **Encoding** [AAL95]. **End**
 [Ano08, Ano09, FGP05, GBMZ07, HPSM91]. **end-systems** [GBMZ07].
endpoint [Hsi04]. **Energy** [ALF03, DKY01, LR03b, PLR07, QSL⁺08,
 FKLB08, GTN⁺06, HP06, KSI04, LCW05, WMW09]. **energy-constrained**
 [KSI04]. **energy-efficient** [WMW09]. **ENF** [CK97]. **Enforcing** [KMF⁺05].
Engine [KSL85, Ram92, SD88b]. **Engineering** [LWR⁺03, Gai87, PRHB06].
Engines [SD00]. **Enhance** [WLID02]. **Enhanced**
 [BOSW94, OPG08, OS96b, OSZ98]. **Enhancement**

[KJ84, TC92, DK04, RH05, RM90]. **Enhancing**
 [AYIE98, CRA⁺08, CCHC09, JBY⁺05, VA03, WXZ05]. **Ensuring** [JF95].
enterprise [BJPPM⁺08, CCEB03]. **entities** [Ahu90]. **Entropia** [CCEB03].
Entropy [TVO92, VO89, WMW09]. **Entropy-Driven** [TVO92].
enumeration [SSTP09, SR90]. **envelope** [GC07]. **Envelopes** [BMRC98].
Environment [AT94, AD95, ALL99, AA95, BB93, CP97, CLZ02, CCRS92,
 CHR94, CB96, DKY01, DRSB01, KZ96, KC99b, LC90b, LAS⁺97, Li99,
 MHF93, RS92b, RSD94, SG93, SRGB90, SS00, WH97, ZL93, AOS⁺05, CK88,
 CCS06, KVHS07, KSS⁺07, LLLY08, MAR05, MML07, SSM⁺06].
Environments [CTD99, CLRW00, CP99, KRW96, KR97, KER01, LTH97,
 PRS97, PRG88, SSK96, WSRM97, WSA⁺94, ATZ07, BAL05, BPA06, BH05,
 BSMH08, CLL09, DBC03, JS86, KAS07, LY91, LWR⁺03, MK08a, NP09,
 PP06, TG03, YT05, YCC05]. **epistatic** [HLS03]. **epochs** [PBS08]. **EPPOD**
 [WH97]. **EPSILON** [GH90]. **EPSILON-2** [GH90]. **equal** [ST85]. **Equation**
 [DM90a, RW01, Gao86, LYL08]. **Equations**
 [IK94, MV94, PSE⁺01, QOvdG01, TH02, CM03, GGR89, GS91b].
Equivalence [OO85, CM04, SM92b]. **Ercegovac** [Ano92a]. **EREW**
 [DL98, HS94a, ZK94]. **Erratum** [Ano92c, Ano93e, Ano96l, Ano00d, BS96c].
Error [Lat98, Par92, WCF94, PKN08, RIZ90]. **Error-Correction** [Lat98].
Essay [Mil93]. **Essential** [DSS95]. **Estimating** [CCK88, MK92].
Estimation [CP92, Fah96, PKN08, SPVvH03]. **Ethernet**
 [HcF05, KYL05, PYF08]. **Euclidean** [DS01, DS04a]. **Eulerian** [Kal04].
EUROGRID [LBE03]. **European** [LBE03]. **Evaluating** [BL96, BC01,
 CLRW00, FW05, HCS⁺00, HKT94, LR94, RS92b, SS99, TTG95, ZYH94].
Evaluation [ATM01, BPJG92, BS92, BCD00, BM95, CT93, CEF⁺95, CP01,
 CP04b, CP91, CP92, DT01, FR96a, FTC00, GGD93, GS96, GS00, HJ90b,
 HN91, yHY97, JB93, KCDZ95, LLS93, LYL93, LP96b, MT95, MS85, MKC01,
 MB92, MJ01, NBP98, PEC95, PTC⁺93, RCB93, RNSB96, RKK97, SM92a,
 SDS99, SOG94, THBF97, TH02, VBM90, Bat05, CkLCK04, CkLCK05, CC96,
 DM88, GRV08, GE85, GS91a, HW03, LL90, MS88, MVB05, Sch89b, SWP90,
 WL90, XQ07, XWC⁺08]. **evaluator** [MS87, MP88]. **Even** [NT93]. **Event**
 [Ano02v, AB93, Bou02, CK97, DMSH90, Lin93b, Lin93c, Pra93, BXA08,
 CK08, LVR90, Tay05, ZZ90, ZCK⁺02]. **Events** [Yen01]. **Eventually**
 [LFA05]. **everything** [CCM⁺06]. **everything-shared** [CCM⁺06].
Evolution [JM00, Ngo06]. **Evolutionary**
 [Ano99g, MSSE02, SdS97, SS97, ZO97, AC89, BH05, GB06, SCS⁺08].
Evolving [GR96, OH02]. **Exact** [RS96b, OFS03, Psa96]. **examination**
 [FL86, SMH91]. **examples** [FK89]. **Exchange**
 [VB94, WS97b, XL92, XL95, Dim04, HSW04]. **Exchanging** [GPT06b].
Exclusion
 [AE95, Cha94, Cha96, FTC00, GBG93, KY02, KUFM02, NTA96, NM02, Sin93,
 ZZY96, AK07, BAS06, CW05, CH06a, CB06, DGFGK05, Gos90, MM07c].
executed [SP90]. **executing** [AKSM08, CDJ⁺89, QJ05]. **Execution**
 [CCC90, Cou93, DD95, Gup92, GKHS96, HS86, LAS⁺97, LTIK05, Mah95,

MM93, Mer96, Mir91, NBM93, NS97, NDZA99, OKB95, RSD94, RHH96, RSNB01, SCMB90, SA93, Sun02, WB96, ARM⁺05, Bic90, CC87, DeG88, DKRI09, FCC07, GK04, MSM09, RG06, SS06]. **Executions** [LMCF90]. **expandable** [SSB91]. **Expanding** [Zia92]. **expansion** [SL89]. **Expected** [Ros99, CLL09, SSS88, SC91a]. **expected-time** [CLL09]. **Experience** [SH92b, Chi95]. **Experiences** [ARM⁺05, CDH84]. **experiment** [PF04]. **Experimental** [BJ96, BFG04, FCS91, Hag97, HBJ98, MJ01, PTC⁺93, YMR93, ZYH94, Bad04, CT94]. **Experimenting** [AD95]. **Experiments** [RS92d, CF88]. **Expert** [DSW94]. **Explicit** [CP90, DS02, Fre96]. **exploit** [ZPI06]. **exploitation** [PVG06]. **Exploiting** [CKK00, DL99, FKLB08, FY97, HT90, JBY⁺05, MNB95, NMS93, SH92b, GJXZ05]. **exploits** [GBMZ07]. **exploration** [TD07]. **Exploring** [LR93]. **expression** [GS91a, WSH⁺03]. **Expressions** [GKHS96, Mer96, DeG88, DM90b, JK89, MP88]. **Extended** [BLG01, LWO02, Ree84, EI07]. **Extending** [BBCLL04]. **Extensibility** [MB96b, LFH⁺03]. **extensible** [ZWL03]. **extensions** [DPSD08, Oza04, JM00]. **external** [DO89, JZK04]. **Extra** [SZ00b]. **Extraction** [YB01, HP06, Pla08, Raj08, WJV07]. **Extrema** [AFS96, RKS87].

Factor [GG01]. **Factored** [BSGM90]. **factorization** [MVV91, She06, ZLRP91]. **Factors** [BP98, EL88]. **Faddeeva** [CF98]. **failed** [Trä09]. **Failure** [FCF00, DGFGK05, HK05, LFA05, MFVP08, YF07]. **Failures** [ADS01, DT02, VR94, VR95, GPT06a, HRC09, MR09, RLH03]. **Fair** [ALH⁺09, KY02, GNT04, KS03, KDH08, XWC⁺08]. **False** [HF96, KG04]. **family** [NS90, ZDC06]. **farm** [TBZB05]. **Fast** [ABCP96, BC06, BF97, CK06, Cor93, DP00, DS04a, DPRW85, EM89, FZC⁺05, FR96b, GM94b, Gil94, GSC96, GZ97, GJXZ05, HN91, IK94, JNW96, KK06, Lat98, LH09, PH91, PA04, PT97, RHH96, SS03, San98, SR94, SHT⁺95, SGS08, SA08, SDG08, ST05, TF01, ZZY96, YD98, YB01, BC05, Cal06, Kep03, KA91, KP05, LLS07, ST85, TS91, Yan04, LLCL98]. **Faster** [BMM97, GS03a, LS05, CM03]. **fat** [CI03, CS06b, SK05b]. **fat-stack** [CS06b]. **fat-tree** [SK05b]. **Fault** [AE95, AM97a, AM95, BXA08, BSS97, BMM97, BW95b, BPA06, BCH95b, CRV94, CL93, CKN07, CY95, CC94, CDR09b, CF98, FY86, FM99b, GNS09, GRR93, HGCC96, HTHH02, KP00, Lan94, LBT94, LGG08, LC96, MD01, MMRS98, Pak89, PB95, Piu01, PKD97, PM92, RLS96, SCC92, SS95, UR94, VR95, WIKC97, WW97, Wu94, XCS06, mYyF92, YBOY97, mYA91, ZYO02, AOSM05, BB87, BDDL09, BPP05, CL91a, CW09, CWL⁺07, CDR09a, CMT92, CMS04, DH91b, EBE08, FLPJ07, FZ90, LCC⁺05, LH05, LP88, PR06, PL06, ZV09b, ZJ06]. **Fault-Detection** [CY95]. **Fault-Induced** [WIKC97]. **Fault-Sensitive** [VR95]. **Fault-Tolerant** [AE95, AM97a, AM95, BW95b, BCH95b, CRV94, CL93, CC94, FM99b, HGCC96, HTHH02, KP00, Lan94, LBT94, LC96, MD01, PB95, PKD97, SCC92, WIKC97, Wu94, YBOY97, ZYO02, BPA06, CKN07, GNS09, XCS06, mYA91, AOSM05, CL91a, CMT92, CMS04, DH91b,

FLPJ07, PR06, PL06, ZV09b, ZJ06]. **Faults** [LT96, WFL98, ISM07]. **Faulty** [GP97, HIKM94, NSLK99, Pel95, RS96a, Tse95, TL96, Wan01a, Wu02, YTR94, oPP00, Che05, DD96, PK04b, SKK91, YTH07]. **FDM** [ORR03]. **FDM/FEM** [ORR03]. **feature** [PFJ04]. **federate** [CTCX08]. **FEM** [ORR03]. **fetch** [AK07]. **fetch-and-** [AK07]. **FFT** [ABZ95, HR92a, JMS86, RKK97, Tay87]. **FFTs** [BH93]. **Fibonacci** [Alu97]. **Field** [BA92]. **fields** [CDR90, EI07]. **FIFO** [BCLR96]. **File** [FPD93, GL92, KE93, MS96, WDDK09, WMG01, HOE⁺09, KUA07, LCM⁺06, SC04, SZ09, Wan06, ZJ06]. **file-sharing** [KUA07]. **Files** [BNS00, JSM94, Lin93a, WRC⁺02, BCK⁺09, Che89]. **Filling** [BFG94]. **Filter** [LWOG02]. **Filtering** [BTG02, CH06b, Kep03, PVG09, ZCK⁺02]. **find** [Hoh90]. **Finding** [AFS96, BS97, BE95, CCC92, DH94, DWHL87, FTL92, HHC98, KRSZ02, Kar02, MT97a, MHPR05, OMSGNSG05, PGS06, SH92b, RKS87, WCWH03]. **Fine** [CLZ00, FR92, IBP08, LFA96, NS97, PY96, SA93, WD94, FW05, FSD04, GVA⁺08, IKS87, PL03b, TKHG04, LM09]. **Fine-Grain** [FR92, LFA96, FW05, PL03b, TKHG04]. **Fine-Grained** [PY96, WD94, IBP08, FSD04, GVA⁺08, IKS87]. **Finite** [BCV94, CSSY94, HB97, HNM02, WLD00, CDR90, HM06, HT90, KME09, Sil90]. **finite-element** [KME09]. **Finite-State** [HNM02]. **FIR** [GLD06]. **Firehose** [KM97]. **Firing** [KM91, Nie94]. **first** [Lai86, MP87, PV07, TBZB05]. **first-order** [MP87]. **Fit** [SP96, HLS03]. **Fitting** [CY96, MRRV98]. **Fixed** [GHKS98, HCWS94, ACU08, BCM06, GREC91, Hsi04, ZDC06]. **Fixed-Connection** [GHKS98]. **fixed-time** [GREC91]. **Flexible** [CCR94, ESMG96, HGCC96, RS92c, VB96, MM07b, PR06]. **Flexibly** [SA90]. **Floating** [MRK93, Gro85, MP08]. **floating-point** [Gro85, MP08]. **flock** [BZH06]. **flooding** [XCH08]. **Flow** [AS95, BJP91, BG90b, ESMG96, LLS93, LM96, MK92, BAMM05, Boz09, CF88, Gao89, GE85, LHF91, MG09, Oza04, TR89, TBZB05, TY90b]. **flow-time** [TBZB05]. **flows** [SM89b]. **flowtime** [LZ05]. **fluid** [AGMJ06]. **flush** [CK06]. **Flux** [Ull84]. **FM** [LC97]. **Folded** [Wan01a, SGR03]. **folding** [LYL08]. **FORALL** [ALS91]. **forces** [Num08, Num09]. **Forecast** [RHH96]. **forest** [BC06]. **Formal** [AS00, LSCA93, Eri88]. **formalism** [PK05c, PSPR05]. **Formation** [Wu02]. **Forms** [TR96, WNA⁺94]. **Formulation** [JBL02]. **Forthcoming** [Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t]. **FORTRAN** [FC95, AH94, BCF⁺94, HHKT96, HKT94, HLJ98, Sab94]. **Forward** [NS95]. **Forwarding** [GS01b, WTB⁺08, XYG07]. **foundation** [DHS06]. **four** [FZ90]. **Fourier** [LLCL98, DPRW85, HN91, TS91]. **FP** [WB94]. **FPGAs** [MSSE02]. **FR** [GS01b]. **Fractal** [LS06]. **Fraction** [GP97]. **fractions** [CR91]. **fragment** [CZZY09]. **Framework** [AGG98, CLRW00, EMP⁺96, GHSJ96, KZ96, KK95, LAZC00, Sin95, ZM94b,

AK06, BA06, BČFF05, BGM⁺08, CCC⁺04, DMB⁺03, FGM⁺03, GRDB05, HDT⁺05, KL05, LS06, MJ03, RGD03, RW02, TZH⁺06, YT05]. **Fraud** [BST01]. **Free** [BP02, CMS92, CG02, CH92, DP00, HPT02, HS93, KM97, Li92, PA97, PA01, RP98, SJ96, SH98, ZN01, CB06, DFP06a, HV09, HA06, SD91, ST05, ST08b, TT07]. **Free-Space** [KM97, RP98, SH98]. **Frequent** [AAP01]. **Frequently** [LL95]. **FTN** [Seb91]. **Full** [BBN93, SR88b, SR90, HH97]. **full-access** [SR88b, SR90]. **Fully** [BNP02, Fer95, KP00, SJ95, CP04b, DM90b, tH90, SI89, TR08, YME06, LM09]. **Function** [AGG98, HLJ98, MJ94, SB02]. **Function-Composition** [HLJ98]. **Functional** [AB84, Mah95, SC95, QSL⁺08, YJB91]. **Functions** [TG97, VR94]. **Fundamental** [GL92]. **Funnels** [SZ00a]. **Further** [PMV06]. **Fusing** [TVT96]. **Fusion** [AMB95, STN92, QSL⁺08]. **Future** [AE88, KS95]. **Fuzzy** [BCF97, KC04, NC09]. **fuzzy-based** [NC09]. **fuzzy-decision** [KC04].

G2 [KTF03]. **Galactica** [WL92]. **Gallop** [Wei98]. **Game** [ABJS01, BS00, Sch89a, Zep91]. **Game-Theoretic** [ABJS01]. **Game-Tree** [BS00, Sch89a]. **Games** [DKY01]. **Gamma** [VR86]. **Gang** [FR92, FR96a]. **gap** [BJS03]. **GAPP** [KA91]. **Garbage** [KS00]. **GAs** [KZ96]. **Gate** [OM90]. **Gate-Array** [OM90]. **gather** [BM04b]. **Gathering** [Lat98, LLW07]. **Gauss** [HO94]. **Gaussian** [BPST96, BMM97, Cap87, DPRW85, KA91, Vel89]. **GCD** [Psa96]. **GCSPNs** [Buc92]. **GEL** [LTIK05]. **gene** [WSH⁺03, FGM⁺03]. **Genehunter** [CPO⁺03]. **General** [Ano96l, BHR95, CG02, GFB⁺92, KL08b, Seb95, VA07, BČFF05, CBM⁺08, CYZ06, FK89, LB09, OFS03, PK05a, Pel90, RGD03]. **General-Purpose** [GFB⁺92, KL08b, CBM⁺08, RGD03]. **Generalization** [GCM95]. **Generalizations** [Oru94]. **Generalized** [AKPT99, Bai94, BETD94, BR91b, DMCFCM03, Fer93, FAM96, JH92b, Lee94, PE93, SSB91, WIKC97, XL92, XL95, YN92, ZLPP01, FK89, KMP⁺06, Luk85, Nic88, TDM05, YCC05]. **generals** [CBV08]. **Generating** [AMS94, Bec96, CGL⁺95, CJ07, GHSJ96, SS96, SOG94, TH02, Wri91]. **Generation** [ASR93, AAP01, AS94, CCM01, DT97, Kap93, KHS96, KBC⁺01, Lin93a, NC97, RGS00, RNSB96, SSHC00, ABC⁺09a, ABC⁺09b, AFM09, Arb89, FK89, Gao89, GMXA07, LC92, Meg91, RKK06, SB04, Trä09]. **generator** [WSG91]. **Generators** [Alu97, Bro96, PK89]. **Generic** [PA01, AK07]. **Genetic** [ANT02, CGKK97, KRSZ02, KA97, PAJC97, WSRM97, WA02, WLID02, AL04, BČFF05, HSSM07, KM03, LA04]. **Genetic-Algorithm** [WA02]. **Genetic-Algorithm-Based** [WSRM97]. **genomes** [KESA07]. **genomic** [HLS03]. **geocast** [CL03a]. **geographic** [LAGK07]. **Geographical** [PFJ04]. **geographically** [ZWL03]. **Geometric** [Abr96, BMRC99, CDRC99, GM96, KV88, WPKK94, AG86, KK06]. **Geometric-Decaying** [GM96]. **Geometry** [DRC90]. **Geomulticast** [AP03]. **GF** [KA91]. **Gigabit** [HcF05]. **given** [DDNS06]. **Global** [BLPV95, KCRB99, LWY97, LA93, MT95, MI92, Mat93, OK02, Par96, TG97, Van94, WT09, Yen01, AY89, Car90, CK08, DK04, GJG88, JLM08, Lun90, SK89a, VB08].

glueless [RFPAG08]. **GMA** [ZFS07]. **GMAC** [GZMC08]. **Gnutella** [BAL05]. **go** [PL03a]. **Good** [BEE00, DP99, SK94]. **Goscinski** [BCC95]. **gossip** [FM07]. **Gossiping** [FV97, GRV97, SGS08]. **gossipings** [KLC05]. **GPU** [RRS⁺08, SA08, SDG08, TSD08]. **GPU-sorting** [SA08]. **GPUs** [IBP08, RGU08, SHT⁺08]. **Gracefully** [BBR94, CGA98, LH92, RCB93]. **Gradient** [Bas97, BM08, PB09]. **gradients** [McA89]. **GrADSolve** [VD04]. **Grain** [FR92, LFA96, Mah95, NS97, SA93, CT94, FW05, GSWW04, PL03b, TKHG04]. **Grained** [BR96, CDRC99, CLZ00, DFRCU99, HK96, PY96, SR97a, SR97b, WD94, BM04b, FSD04, GVA⁺08, IKS87, IBP08]. **Gram** [ZLRP91]. **grand** [SAB⁺92]. **Granularity** [CDH84]. **Graph** [AyJ93, CCM01, CHGM01, GJP96, HJ90c, Kar95, KK98b, KC98, KA99, Lat95, MJ94, OSZ98, RW97, RWY93, RLS96, SAOKMA02, TVS97, TLW94, WCE97, ZW00, BDjQ86, BM08, CM03, DeG88, HLM⁺90, MPZ09, MMS09, PK07, Ros89, SW91, SGR03, WCC02, ZNQ93]. **Graph-Based** [CHGM01]. **graph-partitioning** [SW91]. **Graphical** [CMT93]. **graphics** [CBM⁺08, KL08b, KME09, SCB08]. **Graphs** [ANS97, AKPT99, AS96, AKP95, BS97, BP98, CP98, CA95a, CDF01, DDD98, DS84, DH94, EMMM94, FA95, GY92, GS98, GSG⁺93, GS99, HOS94, IZ95, JR95, JSS92, KK98a, KW02, KA97, OS97, PRW94, Par98, RDL95, TL96, VB96, WIKC97, WLD00, ANP07, BC06, BKS05, BD05, CP04a, FT04, Hsi04, HS03, Lin03, Lo92, MHPR05, MSZ05, Nik04, PD05, PK04b, SS03, SP90]. **Gray** [BVB02, HHM94, HRJ94, JH94]. **Gray-Scale** [HHM94]. **Gray-to-binary** [HRJ94]. **Great** [KF90b]. **Greater** [Ebe94]. **Greedy** [KNS06, BGM⁺08, HDJ08, LLS07, Cho90]. **Grid** [AKPT99, BR02, BAK⁺03, SDG08, TF01, CCEB03, CGW⁺03, Ei07, FGZ03, LBE03, LFH⁺03, LB09, MC03, PF04, VD04, ZV09b, AOS⁺05, ABCM07, BAS06, CS06a, CTT08, CCN06, DBC03, EDÖ05, GBA08, KTF03, KVHS07, KKS08, LCC⁺05, LLLY08, Li05, LL07, LTIK05, LR05, MCT06, RAB08, SV08, SAOKZ05a, SAOKZ05b, SXZ06, SSM⁺06, SFEF06, TYH09, TMM06, TD07, VPHML06, WS06, YT05, YWD08]. **grid-aware** [FGZ03]. **Grid-Based** [BR02, VD04, KKS08, GBA08, LLLY08]. **Grid-computing** [BAK⁺03, SAOKZ05a, SAOKZ05b]. **Grid-enabled** [KTF03]. **GridBench** [TD07]. **Grids** [CCCM96, HKMU98, HOS94, ACFK07, GRDB05, JV09, Mit07, PHS04, ABCM07, GTN⁺06, GJA08, Ngo06, TZ06, VB08, WW03, WLL08]. **grooming** [FMM⁺08, WG08]. **ground** [BFKP04]. **Group** [RGVB00, CHC05, Dim91, LHT08, MM07c, XO05]. **group-shared** [LHT08]. **Grouping** [CWP98]. **Groups** [Oru87, WLD00, CHC05, GCS06, MS05, Ros89]. **Growing** [CRFS94, WLR90, MGG03]. **growth** [WCKD06]. **GSM** [TM06]. **GSPN** [CCM92, CCM01, SM92b]. **guaranteed** [HWWH08, PY09a]. **Guaranteeing** [Sch91]. **Guarantees** [MS00, OY00]. **Guessing** [DKY01]. **Guest** [WW03, AP93, AL99, AB03b, Ano01j, Ano01k, Ano01l, Ano02g, Ano02h, Ano02i, BG90b, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, GC95,

Her92, JW94, Kri92, Lin93b, MC93, NT90, OW01, PN97a, PN97b, Pan09, PA96, Sch90, SH92a, Sto90, TY95, WC05]. **Guidelines** [Ano00d, Ros99].

h [CP04a]. **HA03094L** [Ano04e]. **Half** [RS94]. **Half-Duplex** [RS94]. **Hamiltonian** [DP98, Hsi04, LSC00, Nik04, Wan01a, WCC02, YTH07]. **Hamiltonicity** [HTHH02]. **handheld** [WL04]. **Handling** [BW09, CVJ09, SYG92]. **Handoff** [SK05a]. **Hard** [DJ98, BRR01]. **Hardware** [GS00, MD01, RPS93, SCC+06, TF92, The02, TH08, VH93, ABC+09a, AF06, BJS03, GVA+08, HDJ08, Nik03, NAK04, PVG09]. **Hardware-Efficient** [MD01]. **Hardware-Only** [GS00]. **Hardware/software** [SCC+06]. **Hardwired** [DM88]. **HARNESSES** [MSS00]. **harnessing** [VPHML06]. **HARP** [SSB98]. **harvest** [WS06]. **Hash** [SX08, HKW05, TC04]. **Hash-based** [SX08]. **hashed** [HSMB91]. **Hashing** [WPKK94, YB95]. **having** [BSMH08]. **Hawkeye** [ZFS07]. **Hazards** [AGG98]. **HCL** [Pfe90]. **Heap** [DP98, ZK94]. **heat** [LGG08]. **Height** [LP96a]. **Height-Limited** [LP96a]. **Helary** [Ano96]. **helper** [DKRI09]. **Hereditary** [CDF01, Hsi04]. **heterogeneity** [BKS05, CL03b, XQ07]. **Heterogeneous** [ANT02, Ano97k, BSS97, BPR99, BSB+01, CP97, CA94, CEF+95, DAYA02, DBP94, HS94b, HC97, KL01a, LAS+97, LHHB+01, MAS+99, MSd+95, MP96, NRS95, NDZA99, PP92, SC91b, WR97, WSRM97, Won99, YZS96, ALF03, BD05, BČFF05, BR08, BRP03, BH05, BSMH08, CSW08, CCK+08, CDR09b, CGW+03, DK08, DÖ06, FMR05, GRV08, GNT04, GWWL94, GMXA07, KUA07, KSS+07, KAS07, KMS+06, LR06, LLL06, LMR05, LPX05b, LLS07, MVB05, MTS90, NP09, PKN08, PTA08, Pla08, QJ05, QGL+09, RN04, SX08, SCS+08, SSM+06, TG03, UAKI06, WSG91, YH07]. **HeteroMPI** [LR06]. **Heuristic** [BA92, DDD98, EHMN95, KLZ97, XH93, HS06, KJD03, PM05, SWP90, VB08]. **Heuristics** [BSB+01, GY92, GJP96, IAS+92, KUA07, TSC01, AKSM08, KA08, LLS07, ZHO03]. **heuristics-based** [KA08]. **hexagonal** [GSSS03]. **HHN** [YP96]. **Hiding** [HF02, WL92]. **Hierarchical** [AGF94, Buc92, BM95, CAB94, FR96a, HR92b, HR92a, yHY97, KZ96, LLJ00a, MS00, OM90, SHT+95, TM06, TJ92, Tan84, TW89, VSIR91, WHT00, YP96, AGMS04, BAS06, CKO04, DE91, DM04, LTL06, RH05, RR05, SS05, WLL08, ZZ90]. **Hierarchical-Memory** [VSIR91]. **Hierarchies** [VN93, BW89]. **hierarchy** [Pad91]. **High** [ABDS02, BJ99, BBH+97, BNSP99, CY99, CD98, DS02, FGKT97, FM99b, GP93, JSCB95, JLRA97, KMKD97, KS95, KRS01, LC97, LS01, MR94b, NKC+97, NTC03, PF08, PVG09, TF92, TMM06, AB03b, BSW07, BDDL09, CCC+04, CBP02, CTCX08, DK08, DB08, FGP05, GTN+06, HOE+09, HCZ04, HT90, JBY+05, KME09, LWR+03, LVB07, LZSL06, MG09, Nap90, NRM+09, PK07, SD91, SC04, SAB+92, SR91]. **High-Availability** [LS01]. **high-dimensional** [HT90, PK07]. **high-end** [FGP05]. **High-Level** [BBH+97, CCC+04]. **high-order** [KME09]. **High-Performance**

[BNSP99, CY99, FGKT97, JLRA97, KMKD97, KRS01, NTC03, AB03b, CBP02, HCZ04, JBY⁺05, LWR⁺03, LVB07, NRM⁺09, SD91, SC04].

High-Priority [TF92]. **high-radix** [MG09]. **High-Speed** [BBH⁺97, SR91]. **High-Throughput** [FM99b, BSW07]. **Higher** [GSSS03, AM06]. **Highly** [BDHF90, CAB94, Joh94, MD01, NKC⁺97, VH93, WIKC97, ATH91, GV86, SM08b]. **Histogramming** [BJ96]. **historical** [SFT04]. **history** [WBTM09].

HLR [FCF00]. **Hoang** [Ano92c]. **Hoc** [Ano01e, BDF01, GS01b, LAZC00, Pat01, AP03, ALF03, BFG⁺03, BGLA03, BOP06, BN03, Bou03, CNS03, CW05, CYZ06, CDCD05, DW06, DMB⁺03, DB08, EBE08, FVCL05, GAGPK03, GS03b, GMS06, GMXA07, HW03, HJ07, KK06, KNS06, LR03a, LPX05a, LW06a, LR03b, LHT08, OSL05, OMSGNSG05, SSM⁺06, SGS08, SKMM04, VA03, WTB⁺08, WGS08, WBTM09, XHG03, XWC⁺08, XG03, YC04, ZMC06]. **Homogeneous** [LS97, GHS86, SCJ⁺08]. **honeycomb** [BPRS04]. **honeyfarm** [JXW06]. **Honeypot** [KMMZ06]. **hop** [BSW07, MAM05, NC09, YMG01]. **Horizons** [BP95]. **Hot** [LKK94, NS95, TY90a]. **hot-spot** [TY90a]. **hotspots** [MLG05]. **Hough** [BA95, CP91, Fer93, GZ97, JS94, SSL04]. **HPC** [SCB09]. **HPF** [BCF⁺94, CA96, HLJ01, KHS96, SS00]. **Hull** [DFRCU99]. **hulls** [GS03a]. **Hut** [SHT⁺95]. **Hybrid** [Dah99, FA07, Gao93, NBM93, OS93, AC89, BAMM05, CCQ⁺06, FX06, SCS⁺08, SHLN09, SSL04, SA08].

Hydrodynamic [HC97]. **Hydrodynamics** [PAH⁺98]. **Hyperbolic** [SSK96]. **hyperconcentrator** [CL90]. **hypercontexts** [LM05]. **Hypercube** [AGF94, AM93, BKT95, BC94, CS93c, DP98, DMSH90, DRC90, DFN⁺94, FAM96, FPD93, GGD93, GT97, GBG93, HGCC96, IK93, IK94, JR92, JB98, KB96b, KM91, Lan94, LH92, LLJ00b, LEB98, Man94, MP93, MW95, MYD95, NSLK99, NT93, Nas94, OM90, RS94, Raj96, SYO94, SCC92, SY01, Sto90, TLW94, TL96, TC92, WIKC97, Wag93, Wag94, XMN92, YP96, Zia92, Cap87, CCS06, DE91, Efe91, EAL90, ERS90, Joh87, KAP90, LEN90, LSS88, LS91, MVM04, MAR87, RS90a, RS90b, RIZ90, SW90, TS91, Wag89, Yan04, ZLRP91, YN92]. **Hypercube-Based** [Zia92, DE91].

Hypercube-Connected [LH92]. **Hypercubes** [AD95, AERBL92, Ann94, CL93, CCCM96, CS95a, CCR94, Efe96, Fag92, FM96, Fra92, GP00, GH93, HM01, HOS94, Kav93, KF95b, Li92, LBT94, LW95, LT96, Moh97, OD95a, OP96, Pel95, PM92, RS96a, RJMC95, SHL95, SR95, TT98, WW97, Wan01a, Wu94, WFL98, YTR94, BG90a, BM04a, BOS⁺91, BL89, CL91a, CL91b, Che05, Ede91, FT04, GT04, GNW03, HNSA07, Ho91, HRJ94, LW90, SS89, Var91, Wu85, Wu03, XCS06].

hypergraph [ACU08, CBD⁺09, DHK04, KJD03, TK08]. **Hypermeshes** [OK01, Szy95]. **Hyperoctrees** [DFN⁺94]. **Hyperplane** [HS93]. **Hyperreconfigurable** [LM05]. **hyperspectral** [PVPM06, Pla08]. **Hypersphere** [AM93]. **Hyperstar** [AAD98]. **hypertree** [LTD⁺93].

I-Caching [MM93]. **I/O** [AW95, CkLCK04, CkLCK05, Cho93, CQ95, CD95, DD93, DT01, DJT03, EH01a, GGD93, JSCB95, JSWB92, LTH97, MLG05,

NSSS99, NsPPC02, WLWW09]. **I/O-Intensive** [EH01a, CkLCK04, CkLCK05]. **IBM** [ASH⁺01, BAHP01, BR95b]. **Id** [HCAA93]. **Identification** [CS95b, EBE08, FCC07]. **Identification-** [CS95b]. **Identify** [XYG07]. **Identifying** [HS03]. **Idle** [CW93, CM92]. **IDOS** [BA01a]. **IEEE** [Ano93a, BCD00, FA07, VHH08]. **II** [HR92a, SAOKZ05b, SR97b]. **ILU** [SZW05]. **Image** [BJ96, BM95, ELS94, HSJP87, HC95, KSL85, KC99b, LWY97, MWL00, MG98, NEG85, OS98, RS90a, RG87, SR94, SD88b, WS95, ZM94a, CDJ⁺89, CCN06, GSWW04, IKS87, Kep03, KM03, Lee91, MGG03, PI90, Pfe90, Sto87, SA90, UAPM07, Wan07, WRHR91, WJD91, WGCZ09]. **Image-Processing** [KSL85, SD88b]. **imagery** [PVP06, Pla08]. **Images** [SYO94, Ara90, CL85, DH91a, NAK04]. **immersive** [MBH⁺08]. **Impact** [Buc92, Kel00, Tze91, GSWW04, MLG05, SYYU07]. **Implementation** [AS95, BAHP01, BHS⁺94, CP91, CP92, CS95c, DM90a, DBKF90, EP90, HS97, HBH93, KM91, MSS00, NT93, NsPPC02, OS98, OP98, PAJC97, RL02, RW01, Shu95, SM00, Ski96, SOG94, TVO92, VBM90, XMN92, YB01, BFTV87, BG89, CEGS07, CPO⁺03, FGG08, Gro85, JK89, KTF03, KA91, KP05, ML89, MML07, OO05, PLD87, SM08b, SMK93, TR89, Tay87, XWC⁺08].

Implementations [DT01, KL84, SAC⁺98, WPKK94, BCM06, BRPR06, GNS09].

Implementing [BC94, Coh90, DRC90, GSC96, HK08, MT95, DM90b, OB88].

Implications [AH94, BS96a, GTN⁺06, MT96, MG93, SH92b, TSA97].

Implicit [BAM93, Fre96]. **Implicitly** [SAC⁺98]. **imposed** [BKS91].

Improve [CB02, DS95a, SKH96, CDR09a]. **Improved** [AM97b, AS91, CLZ02, Che05, DL98, FT04, GJP96, JR95, KLC05, Mil99, PB95, Tsu07, Wor93, Bad04, TDC05]. **Improvement** [yCM98, IAS⁺92].

Improvements [GCB⁺00, WSS93, DPSD08]. **Improving** [Dah99, DK04, GT02, GP05, GMM00, Kan05, LTL06, MBR08, WTB⁺08, CCK88, YF09].

in-order [KMF⁺05]. **inclusion** [RFPAG08]. **Incomplete** [OD95a, PK04a, SCD99, TC92]. **Incompletely** [BSGM90]. **inconsistency** [Ram89, TK07]. **Incorporating** [AISS97, VWHL96]. **increasing** [RS08].

Incremental [ZN01, LY08]. **incrementally** [SSB91]. **Independent** [BSB⁺01, Ger98, Hag97, MAS⁺99, NMS93, PS93, AK06, AY09, CL91b, Li06a, LH09, LB09, LLS07, SZW05, SSM⁺07, YWD08]. **independently** [XCH08].

Index [Ano92b, Ano93b, Ano93c, Ano93d, Ano94a, Ano94b, Ano94c, Ano94d, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano98l, Ano99a, Ano99b, Ano99c, Ano99h, Ano00b, Ano00c, Ano01f, Ano01g, Ano01h, Ano01i, Ano02c, Ano02d, Ano03a, Ano04b, Ano04a, Ano08, Ano09, KHS96, SSHC00, Ano03b].

indexes [OC07]. **indexing** [FKJG08, GZ08]. **indirect** [Ho91]. **Induced** [WIKC97, LM09]. **Induction** [BF01]. **indulgent** [WCYR08]. **Industrial** [MS99a]. **Inexpensive** [MT93b]. **Inference** [AyJ93, FBRW03, PTZ06].

inferencing [MK08b]. **InfiniBand** [ASD09, PK05b]. **Influential** [TAS⁺01].
Information [Bal90, BS96a, CY99, LA93, Oza04, CKN07, DB86, LY91, Pla08, Psa96, Raj08, RFPAG08, SSS07, SFT04, XCS06, XQ04, ZFS07].
Informed [LM09]. **infostations** [BPRG04]. **Infrastructure** [GC01, LCM⁺06]. **infrastructures** [Ano04d, BJPPM⁺08, TD07, YK04].
Inherent [WW98]. **Initial** [dGP06]. **Initializing** [Nak95]. **initiation** [MM04]. **Injured** [Wu94, Wu03]. **inner** [Lis90, ST85]. **input** [LY08, NAK04, PMV05]. **Insensitive** [ST02, ST06]. **INSIGNIA** [LAZC00].
Instance [SM94]. **Instruction** [AGG98, LPU97, Gro85, Sch89b].
Instruments [dSR00]. **Instrumentation** [GP91]. **Integer** [DL98, Fag92, SS96, KKVI05, VM95]. **Integral** [Ten90]. **Integrated** [BDHF90, DAYA02, OY00, PW96, WAE03, YSL08, ZR00, ZMC06, HC09, SKMM04, XYDL06, XHY07]. **Integrating** [Bir94, DRST02, FKT96, Lu01, OK02, PY96, YT05]. **Integration** [ISZBM99, KL84, LY01, Ano04d, H MV07, YK04]. **integrity** [LZSL06]. **Intel** [FPD93, SMKL93]. **Intelligence** [MT85]. **Intelligent** [IAS⁺92, KSP⁺92, SH98, ZL93, CDJ⁺89, She09, WJD91]. **Intensive** [ABM⁺92, BS09, CA95a, EH01a, SW90, CkLCK04, CkLCK05, KAS07, SC04, VB08]. **inter** [FKLB08, Kan05]. **inter-node** [FKLB08]. **inter-procedural** [Kan05]. **Interaction** [CCM92, DH95, LLCC02]. **interactions** [CK08].
Interactive [LHM95, RGS00, MAR05, TSD08, TD07]. **Interactive-Rate** [RGS00]. **Interconnect** [HP97a, WLY01, MG09]. **Interconnected** [DH95, EH01b, Guo94, KM97, QMCL94, GMH⁺91, McA89, TRSS06].
Interconnection [AAD98, AA95, BETD94, CW01, CJA09, DVZ96, FD86, KRSZ02, KAM94, Lat95, LYL93, MLW⁺97, MSH90, MC93, MJ94, OM84, OO85, Pad93, PL93, SW96, SZB92, Szy95, TH02, Tze91, VB96, Wan96, Wan01b, Wil92, YWP00, ZMPE00, ZW00, dBL95, BDjQ86, BHR91, BR91a, Bhu87, BR91b, CM04, CKO04, CS06b, DE91, FJC04, Har91, JBM91, KRL87, LK90, MHBW86, Pak89, Par05, SSB91, SL89, SH89, WCC02, Wil90, ZDC06].
Interconnections [LLJ00b, SL97, THN⁺93, Oza04, YB90].
Interconnectivity [DSD⁺97]. **Interconnects** [ES97, HP00, MO97, MG93, PEC95]. **Interface** [BAHP01, BF97, BDH⁺97, CD98, IWM97, PS01, RS92c, KTF03].
interference [BPRS04, KDH08]. **interference-aware** [KDH08].
interleaved [NC09]. **interlock** [CCK88]. **Intermittent** [DT02]. **Internal** [Bal90, JZK04]. **International** [Ros07, Sni03, Wee01]. **Internet** [Bar05, KA08, She09, TB90, WLID02, XO05]. **Internet-based** [She09, XO05]. **Interpolation** [CWW⁺95, Goe94, SAOKMA02, Nic07, PHS04, Sch89b, SDG08].
Interpretation [FAGW95]. **Interpretive** [PH00]. **Interprocedural** [HHKT96, CK88]. **Interval** [CI03, PT01, Sch87, Sta04]. **Interworking** [WH08]. **intra** [Kan05]. **intra-procedural** [Kan05]. **Introduction** [AP93, AL99, AB03b, Ano01j, Ano01k, Ano01l, Ano02g, Ano02h, Ano02i, BG90b, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, Gau06, GC95,

Her92, JW94, Kri92, Lin93b, LR05, MC93, MGS⁺06, NT90, OW01, PN97a, PN97b, PA96, Sch90, SH92a, Sto90, TY95, IB04, WW03, WC05]. **intruder** [ISAZ07]. **Intrusion** [BN02, LLLY08]. **invalidation** [OFS03]. **invention** [MC03]. **Inverse** [CTZ99]. **Inversion** [SW96, mYyF92]. **investigation** [CD95]. **Invited** [Ano01m]. **invocation** [BBB⁺06]. **IP** [HZY04, HC09, JP09, JBY⁺05, KERUM04, LAZC00]. **IP-Based** [LAZC00, JBY⁺05]. **IPDPS** [Pan09, Rob09]. **iPSC** [DHR96, FPD93, SMKL93]. **iPSC/2** [FPD93, SMKL93]. **iPSC/860** [DHR96]. **IRISGrid** [VPHML06]. **Irregular** [Ano96i, DUSH94, FR98, FBK98, FY97, KK98a, LWP02, MRRV98, Nic94, NsPPC02, RWK95, WP02, CB06, GRR⁺05, SPBR91]. **Irregularly** [MNM98]. **ISA** [SM08b]. **Island** [CGKK97, GB06]. **Island-Based** [CGKK97]. **islands** [dGP06]. **islands-based** [dGP06]. **Iso** [KF95a]. **Iso-rectangles** [KF95a]. **ISODATA** [DSAUM99]. **Isomorphism** [GS99, KW02]. **isosurface** [WJV07, ZB09]. **Issue** [AP93, AL99, Ano95i, Ano96j, Ano96i, Ano97j, Ano99g, Ano01e, Ano02v, BG90b, BD00, BS09, Chi92, CDJL09, DOP98, Dek00, DT92, ES97, FR98, GC95, GS01a, Gra09, JW94, KRS01, Lan09, Lin93b, Mir91, NT90, Ola01, PN97a, PN97b, PA96, Sch90, SH92a, SB97, Sto90, TY95, Wee01, YW91, ZO97, AB03b, BOP06, Irw88, IB04, KL08a, KL08b, Raj08, SXZ06, WW03, XJS03, dVCP06]. **Issues** [Ano95j, Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, DVW94, MFS93, Nie94, PS01, THBF97, BAK⁺03, GCY⁺04, TB90]. **Item** [AAP01, San99]. **Iteration** [BW96, CC87, RS92a]. **Iteration-level** [CC87]. **Iterations** [AR97]. **Iterative** [Bah00, BSS99, CTD99, CHR94, ESMG96, IPK85, LPX05b, ÜD96, WB96, CF88, CRC⁺02, FGG08, KMS⁺06, VGAB08]. **iterator** [Lon04]. **iTPS** [TDC05].

J [WTC08a]. **Jacobi** [EP90, MVV91, MV94, RS08, ST87, ZB97]. **Jacobi-Type** [MV94, MVV91]. **James** [Ano92c]. **JAVA** [MSS00, AFT⁺00, CCK⁺08, Dek00, GCB⁺00, GLC01, HR00, HS00, JM00, MWL00, SCB09]. **Java-Enabled** [MWL00]. **JBSP** [GLC01]. **Jean** [Ano96l]. **Jean-Michel** [Ano96l]. **Jerzy** [Ano96l]. **JESSICA** [MWL00]. **JMX** [JM00]. **Job** [FKSW97, Li05, FCC07, GRDB05, LC90a, MS86]. **Jobs** [CB02, CL91b, LF03, MLG05, QJ05, SF05]. **Join** [HTL99, LT94]. **joins** [CG86]. **Joint** [AF06]. **Josephus** [LH05]. **Journal** [Ano99g, Ano97j, BS09, CDJL09, Gra09, Lan09]. **jpdc.1999.1564** [Ano00d]. **JPEG** [CD95]. **Jumping** [HIKM94]. **Just** [FKLB08]. **Just-in-time** [FKLB08]. **juxtaposition** [BKS91].

Kalman [LWOG02]. **Kapelnikov** [Ano92a]. **Karhunen** [FSD04]. **Kautz** [CC94]. **Keeping** [Bal90]. **kernel** [IBP08, SK91]. **key**

[GCS06, GMXA07, SB04]. **keys** [PPC04]. **Kinetic** [RW01]. **Knapsack** [FR96b, Ten90, EE05, LSS88, LS91, PMV05, GT04]. **Knapsack-like** [FR96b]. **Knowledge** [CHGM01, DL99, EHS94]. **Kohonen** [VM95]. **Krylov** [BSGM90]. **Kutta** [KR06].

L [Ano00d, CS93b, CP04a]. **L**. [Ano93e]. **Labeled** [FM96]. **Labeling** [HHM94, KR98, SR94, CP04a, CT94]. **LAD** [DFP06b]. **Lagged** [Alu97]. **Lagrange** [Goe94, SAOKMA02, ZZC92]. **Lagrangian** [Kal04, Kal04]. **lags** [LY91]. **Lampport** [Lo92]. **LAN** [HWW96]. **LAN-Connected** [HWW96]. **Lanczos** [Bas97]. **Landmark** [XHG03]. **Language** [BCD95, BBH⁺97, BN94, BHS⁺94, CC91, DRST02, FCO90, FC95, FKKC97, FMW⁺94, LS85, Chi95, ESA03, PLD87, Pfe90, RSW91, ESA03, LTIK05, SBKB90]. **Languages** [BS90, KBC⁺01]. **Large** [ABDS02, Ano92c, BP01, BMCP98, Efe96, Fag92, GK98, GK93, JH92a, LK98, Lin93a, OK01, PTZ06, SR95, SM04, VN93, WRC⁺02, BMB⁺08, BA06, BMF05, CS06a, CVJ09, DHK04, HRC09, KESA07, LYL08, Lon04, PK07, RW02, VM03, XHY07, YH07, ZV09a]. **Large-eddy** [SM04]. **Large-Scale** [ABDS02, BMCP98, LK98, OK01, VN93, BMB⁺08, BMF05, KESA07, LYL08, VM03, XHY07, ZV09a]. **large-size** [CVJ09]. **Larger** [Mah95]. **largest** [Deh90]. **LARPBS** [dR09]. **Last** [Tay02, RFPAG08]. **last-level** [RFPAG08]. **Latency** [GS00, HF02, KUFM02, MR94c, MG91, RJY96, ZYH94, IS06, KS03, PRHB06, WL92]. **Latency-Tolerating** [GS00]. **lattice** [GMS06, IBP08, WCO⁺09]. **Laws** [FLS⁺97]. **Layer** [BNSP99, KNS06]. **Layered** [DDD98, SSK96, CI03, LHF91]. **Layers** [ZAW94]. **Layout** [MB96a, MLG05]. **Lazy** [GSC96, MYD95, DS04b]. **LDU** [MVF91]. **Leader** [AS96, SS05, Pel90]. **Leaders** [SK94]. **Learning** [CW92, WT92, AC89, MS86, SM08b, Tor89, VM95]. **Leashing** [DHS06]. **Least** [CB95, HLS03, KAP90, ZYO02, BBd90, SMKL93, TBZB05, XBK07]. **least-mean-square** [XBK07]. **Least-Squares** [CB95, ZYO02, HLS03, KAP90, BBd90, SMKL93]. **LED** [MLW⁺97]. **Lee** [BVB02]. **legacy** [LWR⁺03]. **Legion** [LFH⁺03]. **Length** [BL94, MP08]. **Level** [BBH⁺97, BSS97, CD98, GS98, HKT⁺91, HWW96, Kav93, KOW97, KL84, MR94b, MHC95, Qia97, RP95, SSHC00, SBKB90, AY09, ACU08, CCC⁺04, CC87, CTCX08, IKS87, MAJJ05, PRHB06, Pfe90, RFPAG08, VD04, WCKD06, YSL08]. **Leveled** [PRW94, BMIM07]. **levels** [Wu03]. **Lexicographic** [AMS94, DT97]. **Lexicon** [Haw97]. **Libraries** [KBC⁺01, ZRC99]. **Library** [BMCP98, CJ99b, DVW94, FKKC97, GLC01, HWW96, SKH96, LR06, RR05]. **Library-Based** [FKKC97]. **Life** [HSJP87]. **lifetime** [HP06]. **Light** [RGVB00, Koc91, Wan06]. **Light-Weight** [RGVB00, Wan06]. **Lightweight** [HS00, CL09]. **like** [FR96b, GL90]. **Limit** [MO97]. **Limitations** [BKS91, LS97]. **Limited** [yHY97, LP96a, LK98, BKS05, DW04, WTB⁺08]. **limits** [DW04]. **Line** [BDKM94, BMMS01, LTY96, RR95b, Yen01, BS92, DMCFCM03, DJ98, EL88, GH89b, GC07, KM88, LHK03, SSL04, SL90].

line-sweep [DMCFCM03]. **Linear** [Bah00, BBM⁺02, BMM97, BCZ95, CDH84, CCC92, DVW94, IPK85, IK94, KL01a, KF95b, LP97, PM96, Pov99, RFM94, RS92b, ST89, TBPV00, ZZC92, dR09, BGH⁺03, BAH04, BPP05, Car90, CM03, CEGS07, DS04a, Dja06, GPT06a, GRV08, Gao86, GS91b, HR89, Joh87, KKVI05, KT89, MP88, MP87, MVB05, NCTT09, YTH07]. **Linearization** [FZVT02]. **Linearly** [BBd90, PB90]. **Lines** [HKMU98, Wri91]. **Link** [GDP08, MLW⁺97, VR94, VR95, WFL98, RH05, SW90, WTS03]. **link-bound** [SW90]. **link-selection** [RH05]. **linkage** [CPO⁺03]. **linked** [Han89, HA05, ST08b]. **Links** [ABJS01, KJ84, RS94, WW97, Wan01a, KPR88]. **Linpack** [Num07, Num08]. **Linux** [BP01]. **List** [BBH⁺98, SP96, SGS99, Han89, LPX05b, Vis87]. **Lists** [BP02, VSIR91, ST08b]. **Load** [Ano97j, BEE00, BM08, CS93a, CRL04, CLZ00, DHB02, DMB97, DLLX97, DSW94, Efe96, EE05, FMP98, FLS⁺97, FM99b, GK98, Gil94, GM96, HS97, HILLY95, HTL99, HO94, HC97, JR92, JW89, KGV94, LK94, LHVW95, LT94, LL98, MDD97, MP96, NSLK99, NFEG97, OB98, PB99, QY94, SH92a, SHT⁺95, SB97, SBAM96, TSHH01, TT98, Wan96, WS97b, XYKA08, XL92, XH93, XL95, ZLP97, ZXP09, ZM94b, vS91, AGMS04, BCV05, BFH09, BRPR06, BD04, CSWD03, CBD⁺09, CVJ09, Cho90, CRC⁺02, Cyb89, DW04, DM94, GRV08, GC05, HJ90a, HLM⁺90, IC05, IS06, JL05, KKS08, KC04, LTB02, LTL06, LLL06, LHKL03, LY91, MVB05, MTS90, Mit07, MGG03, Nik03, PA04, RN04, SU87, SX08, TBZB05, TKHG04, ZV06, dG91]. **load-adaptive** [TKHG04]. **Load-Balanced** [LT94, NFEG97, XYKA08]. **Load-Balancing** [DHB02, FM99b, HO94, HC97, Wan96, ZXP09]. **load-sharing** [SU87]. **Loads** [KC95, VB02, GRV08, MVB05, ZV06]. **Local** [AD02, BSS99, BCD00, CGL⁺95, FLS⁺97, HR00, SR94, AK07, BMARM07, CKN07, GJG88, MS88, MAR05, XCS06]. **local-spin** [AK07]. **localities** [GJXZ05]. **Locality** [BS96a, CL96, FJG06, KCRB99, KRC00, MNB95, SCM99, SHT⁺95, FPP06, Kan05, KR06, SZD07, WLL08, XCZL03]. **locality-aware** [XCZL03]. **Localization** [DFP06b]. **localized** [Cal06, KNS06, LS03]. **locally** [AMK⁺07]. **Location** [KER01, LS03, LAGK07, MMRS98, XCLR07, CZ90, TZ07, TDC05, ZMC06, ZHO03]. **location-aided** [ZMC06]. **Location-based** [LS03]. **Location-centric** [XCLR07]. **Lock** [DR98, ST08b, CB06, Dim91, HA06, ST05, XO05]. **Lock-free** [ST08b, CB06, HA06, ST05]. **Locking** [MS98, XO05, DM04]. **lockless** [HMBW07]. **Locks** [JNW96]. **Lockup** [SD91]. **Lockup-free** [SD91]. **Loève** [FSD04]. **Log** [NTA96]. **Logarithmic** [Nas94, OOW95]. **Logarithmic-Time** [Nas94]. **logging** [CZZY09, DWG03, JLM08]. **LogGP** [AISS97]. **Logic** [AyJ93, CC91, CBdCD00, Mon94, Tan84, DeG88, MV88, MC91, NAK04, SK90, WF89]. **logic-oriented** [SK90]. **Logical** [AK93, YMG01]. **LogP** [AISS97, BHPP05, RGD03]. **Long** [AISS97, GO95, Lin93a, MBR08, TDC05]. **long-distance** [MBR08]. **long-range** [TDC05]. **Longest** [MS99b, PK04b]. **Look** [PL93, TG04].

Look-Ahead [PL93, TG04]. **Lookahead** [NIR86, SF05]. **lookup** [JP09].
Loop [AMB95, BCH95a, BCZ95, CG02, DR95, DS95b, Nic88, OK02, PB99, QGL⁺09, AL04, KSG03, MP08, NCT⁺07, QSL⁺08]. **loop-carried** [NCT⁺07].
Loop-Free [CG02]. **Looping** [Ano92a, KME92]. **Loops** [CCC90, CWW96, DRR96, HS93, KK95, KBG92, SCMB90, SG99, Xue97, CC87, SGE91].
Loosely [SKR93, AjHcC90, BMF05]. **lossless** [PY09b]. **Low** [AZ01, Ano92c, IKS87, JH92a, JNW96, JLRA97, KS00, MHC95, SD00, CBP02, CL09, GE85, GJXZ05, KS03, Pfe90, SZ09, SLWW05]. **Low-Cost** [AZ01, Ano92c, JH92a, JLRA97, CL09, GJXZ05]. **low-latency** [KS03].
Low-Level [MHC95, IKS87, Pfe90]. **low-memory** [CBP02]. **Low-Overhead** [SD00, SZ09]. **low-resolution** [GE85]. **Lower** [BMRC98, JR95, LPS⁺98, TC96, WW97, FT04, ITT04].
Lower-Dimensional [TC96]. **LPAR** [BK95]. **LQ** [BBM⁺02]. **LR** [CB96].
LU [OT86, She06]. **Lyapunov** [MV94, QOvdG01].

M [Ano92a, FC95, LZSL06, ZBF05]. **M-TREE** [LZSL06]. **M-VIA** [ZBF05].
MAC [CCHC09, Los08]. **Machine** [BG86, BDHF90, CA95b, LWOG02, MB93, SYO94, SR97a, SR97b, TVS97, ZL93, BH86, HS86, HPSM91, KNS91, KA89, Ros85, SM86, WF89, CM93, CRFS94, CGSV93, EHS94, LAD⁺96, LTD⁺93, Sab94]. **Machines** [BR96, BPN90, BCR96, CWP98, ERL90, Gup92, GKHS96, HK96, HB97, HLJ01, KRC00, KHS96, KLS90, LWY97, MK92, PAM94, RS94, RWK95, RGS00, SSG93, SCMB90, San02, TSA97, Zak01, AE88, Fen90, FX06, GA90, IKS87, Koc91, KP05, LC91a, Mar88, MAR87, SW90, Ume85, ZA91].
macroeconomic [BMB⁺08]. **macropipelines** [WAS88]. **magnetic** [CCN06].
Main [DM99]. **Maintaining** [HS94a, LY98, YC04]. **maintenance** [CDCD05, WDDK09, XO05]. **Major** [SSL04]. **majority** [ZWS09].
makespan [LZ05, SSM⁺07]. **Making** [LFA96, VR95]. **manage** [ASD09].
Management [BR02, CKK00, CY99, HILLY95, HTL99, JM00, KER01, LZ02, LO96, RDS02, RSBN01, TJ92, WLID02, YD98, ZRC99, GPT06a, GJG88, GBA08, HMOV07, HC09, HSL04, LCC⁺05, LAGK07, NTC03, PY09b, PF04, SDTD04, SS08, SK05a, SL06, TZ07, TB90, ZMC06, ZHO03].
manager [Gai87]. **Managers** [AB84]. **Managing** [FGKT97, SEP96].
MANETs [ZA05]. **Manipulation** [PH91]. **Manipulator** [MS85, NS90].
Many [HP95, SR97b]. **Many-Body** [HP95]. **many-core** [Trä09].
Many-to-One [SR97b]. **map** [IB04]. **Mapped** [BF97]. **Mapper** [AM93].
Mapping [AGG98, BR08, BSB⁺01, BA92, CN93, CHR94, CW92, Dja04, GH89a, GW99, IAS⁺92, KBG92, LW90, LWY97, MM00, MAS⁺99, NB93, SH90, Ser97, SBAM96, XH91, ZZ90, BS87, DQR⁺09, HA91, KSS⁺07, KMS⁺06, LB89, Lo92, LLS07, ZWRI07]. **Mappings** [BP02, DP00, Iqb92, SR97a, SR97b, SSHC00]. **Marginal** [WLID02]. **Mark** [Ano92c]. **Marked** [JSS92]. **Marker** [MG98]. **Marker-Based** [MG98].
Marking [BBH⁺98]. **Markov** [DHK04, NH93, PF91]. **Markovian** [VM95].
Mass [HLL⁺95]. **Massive** [SANY94, ZB09]. **Massively**

[BS90, BDHF90, EHMN95, GGN93, GBES93, JBL02, Kri92, KP05, MM93, MT96, NDZA99, NS92, PE93, Sch90, SRK95, TSA97, WT92, YP96, BB87, BBCLL04, GP91, HS86, Koc91, SPBR91, TS91, WZ91, LTKS90]. **master** [HSL04, LZ05, LYL08, YH07]. **Matching** [BL94, DS84, DAYA02, LO94, Par98, WSRM97, MM07b, RS90a]. **matchings** [SM89b]. **matchmaking** [LR05]. **Mathematical** [HNSA07, ZA91]. **Matlab** [MJ01]. **MatlabMPI** [KA04]. **Matrices** [Bas97, BSGM90, SH97, BW08, ORR03, VGAB08, WF90]. **Matrix** [CT96, CTZ99, DBKF90, GK98, GE94, KCRB99, KK98b, LPZ99, Li01, Man94, MSC96, NFEG97, Par92, PKD97, SW96, TLW94, UZSS96, WM92, Win85, mYyF92, AAD05, BB85b, CLR90, Dja06, Ede91, EL91, EM89, ITT04, KK86, MS87, NJ91, NCTT09, OT86, SAOKM03, ST89, SM08b, ZB03]. **Matrix-Based** [KCRB99]. **matrix-transpose** [SAOKM03]. **Matrix-Vector** [GK98, MSC96, NFEG97, CLR90]. **Matter** [FGM⁺03]. **MAWS** [AK06]. **Max** [DP98]. **Maxcut** [HP97b]. **maxima** [GS03a]. **Maximal** [CWW96, GS99, KW02, SSTP09]. **maximally** [Gao86]. **Maximizing** [MSC96, Ros99, AH06, KNS06]. **Maximum** [Als01, AS95, DDD98, FTL92, HP06, KEA95, Par98, mYyF92, SM89b, WMW09]. **Maze** [EL97]. **Mbps** [MLW⁺97]. **MDS2** [ZFS07]. **Mean** [BA92, JBM91, LZ05, XBK07]. **Measure** [ASR93, Kav93, PS93, SK89a]. **Measurement** [FPD93, KL01b]. **measurements** [JZK04]. **Measures** [GRR93]. **Measuring** [ZYH94, DI91]. **Mechanism** [Bal90, BCD00, JSM94, GVA⁺08, She09, XO05, YF07]. **Mechanisms** [KPC96, KC99a]. **Media** [WUG99, HK05, XYDL06, XHY07]. **media-based** [XHY07]. **Median** [CCC92]. **medical** [CCN06, TSD08]. **Medium** [MSST99, WLNL06]. **medium-scale** [WLNL06]. **membranes** [PMV05, PMV06]. **Memoriam** [Ano04r]. **Memories** [CH92, PH91, Sin95, Yan93]. **Memory** [AD95, ACD⁺93, AMN00, Alu97, ADS98, AS91, BR96, Bas97, BS96a, BCLR96, BF97, Bit92, BCR96, CB95, CP91, CWP98, CA95b, CJ99b, DS95a, DY99, DA97, DUSH94, DP00, DH95, DM99, DT92, EP90, FY97, GAG⁺92, Gra09, Gup92, GKHS96, GHSJ96, Haw97, HPT02, HA92, HA05, HLJ01, IWM97, JF95, KRC00, KS97a, KHS96, Kel00, KC94, LWY97, LK98, Li01, LA93, MF94, MR94c, MS98, MG91, NSS97, OS98, PHB96, PAM94, PA96, PB99, PL95, PY96, RL96, RSB96, RWK95, RJY96, RGS00, SL95, Shu95, SS94a, SDS99, Soh96, SC91b, SB84, SN93, TJ92, TTG95, TY95, VSIR91, VN93, WW96, WD94, Wil92, YW91, YMR93, YB01, YL98, Zak01, AL04, BC06, BBM08, BJS03, BS92, BGM⁺08, BCF⁺94, CBP02, Car95, CJA09, CPO⁺03, CK91, Cyb89]. **memory** [DFP06a, DI91, FZC⁺05, FJC04, GJG88, GL90, HMBW07, HC91, ITT04, Joh91, KP05, LL90, LC91a, NSTN91, Nik03, Pad91, PK05b, PL03a, Pop91, QGL⁺09, RFPAG08, SYU07, SZD07, SM04, TW89, WL92, YLB90, ZFL89]. **Memory-Access** [Bit92]. **Memory-Bounded** [SN93]. **Memory-Electric** [IWM97]. **Memory-side** [HA05]. **Merge** [NT93, SM00]. **Merging** [VSIR91, AY09, DO89]. **Mesh** [AP94, Ann94, ADM⁺94, yCM98, CCC92, CWW⁺95, CLT96, CY96, CDP95, EL97, EH01b, FZVT02, Fer93, HHM94,

IM00, JP95, JS94, JB98, KB01, LLJ00b, LME95, MD01, MP96, Moh96, Nak95, NSSS99, OS96a, RO92, RR95b, RR95a, SP96, SR94, SM00, Zhu92, ZYO02, ABC⁺09a, ABC⁺09b, BB85b, CL03a, Car90, CWL⁺07, Dja04, Efe91, GH89b, HWWH08, HWC08, HR89, HR90, KDH08, KT91, LZ08, LC90a, LC91b, Li06b, Los08, LVB07, LV88, MLG05, MBR08, PB90, Raj04, SI86, SSM89, SC91a, SS94b, SZ03, VHH08, WH08, XYKA08, YSL08].

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].

Meshes [BLPV95, BPvW96, BA97, BSDE96, BM97, BOSW94, BOS⁺95, BGOS95, CW00, COS⁺95, CL96, DS01, FF98, HCWS94, HJ90c, LS95, LSC00, LS94, MT93a, NPI⁺96, NS94, OS97, OS96b, OSZ98, OB98, RWY93, ST02, SKK97, SJ95, VB94, WCE97, Wu02, YTR94, YCY⁺00, BM04a, CI03, GLD00, KLC05, Mat06]. **Meshing** [YIY97]. **Message** [Ano94e, Ano95k, BB93, BKT95, BDH⁺97, CW92, CZZY09, CD98, DMSH90, dADB96, GBES93, GHS94, GHS95, GHS97, HNM02, Isl97, Kar92, LK96, Li92, LW95, MD92, PY96, SCMB90, WTC08a, WTC08b, XH93, ZN01, BHR91, BR91a, BPW05, CV90, FM07, GH89a, GK04, Hal05, JLM08, LR06, LR03a, She06, TW87, vS91, KTF03, PS01]. **message-driven** [GK04].

message-optimal [CV90]. **Message-Passing** [CW92, dADB96, GBES93, HNM02, MD92, XH93, ZN01, GH89a, LR06].

Messages [AISS97, DLP99, FBDC99, LTWY95, LTY96, SKH96, BD04, CL90, GPT06b, KLC05]. **Messengers** [FBDC99]. **Meta** [SWC⁺91, DÖ06, ZHO03]. **meta-heuristics** [ZHO03]. **Meta-rules** [SWC⁺91]. **meta-task** [DÖ06]. **metacomputers** [Li05, LCM⁺06].

metacomputing [BGH⁺03]. **metadata** [HOE⁺09]. **Metalevel** [Zim96].

metaphor [SK89b]. **Metasystems** [GWWL94]. **Method** [BC94, GHH92, KLLK98, PB99, WS97b, XL92, XL95, ZYH94, ABC⁺09b, BFH09, BR91a, BBB⁺06, KP05, Luk85, Mit07, ORR03, SMKL93, WCKD06, XWC⁺08, ZB03]. **Methodological** [Bev02]. **Methodology** [Ano92a, BJ99, KME92, LR93, MB92, NMS93, PA94, PA01, SKR93, SK93, Che86, GL89, KME89, PF91]. **Methods** [Bas97, BSGM90, BR95c, Cas93, FGKT97, GL92, Kap93, KB01, Par92, SHT⁺95, Wor93, XH93, BDjQ86, BM08, CEGS07, EE05, KG04, SWP90, UAPM07, VGAB08]. **Metric** [RJA97, ZYH94, SSMS08]. **metrics** [BSW07]. **Michel** [Ano96]. **microarray** [WSH⁺03]. **Microelectronic** [THN⁺93]. **microscope** [FCG04].

Middleware [BNSP99, GJA08, SB04, Ano04d, CTT08, KAS07, MSAF04, PF04, SDTD04, YK04]. **middleware-based** [PF04]. **Migratable** [KOW97].

Migration [AMB95, CLZ00, Lat95, NPP⁺02, SZ00b, CR96, Gai90, HSMB91, TH08, XYKA08]. **Migratory** [GS96]. **Millenium** [TAS⁺01]. **MIMD** [BCF⁺94, CJ99b, FAGW95, GGW96, GP91, HPSM91, MSC96, OD95b, PK89, RS90a, Shu95, UR94, VSM96, Vel89]. **MIMDIX** [MHF93]. **Min** [DP98, CRV94, ZNQ93]. **MIN-Based** [ZNQ93, CRV94]. **MIN-Graph** [ZNQ93]. **Min-Max-Pair** [DP98]. **mincut** [ERS90]. **Minimal**

[CLT96, SJ95, SR90, Xue97, ZAW94, OMSGNSG05, SR88b]. **Minimization** [OKB95, QSL⁺08, VA07]. **Minimize** [Als01, SBAM96, KSG03]. **minimized** [SCJ⁺08]. **Minimizing** [KER01, LZ05, LO96, FSZ07]. **Minimum** [CW00, DH94, Li92, RDL95, WW97, BC06, BBL04, tH90, LVP08, LMZ04, OMSGNSG05, SL89, WCWH03, YZLT09]. **minimum-spanning-tree** [tH90]. **Mining** [GC01, HK01, KRS01, Zak01, CTT08, GJA08]. **mirrored** [BL05]. **Miss** [SDS99]. **Misses** [DSS95]. **mitigating** [KMMZ06]. **mix** [Ahu90]. **Mixed** [CDY97, MRR⁺02, NDZA99, SV00, van96, BKS91, FCS91, Kal04]. **Mixed-Mode** [NDZA99, BKS91, FCS91]. **Mixed-Technology** [MRR⁺02]. **MKCE** [RW01]. **MM** [Won99]. **MMR** [CCQ⁺06]. **Mobile** [Ano01e, BD00, BN02, BST01, CS00, CCK⁺08, DKY01, DL01, GS01b, KER01, LAZC00, MS00, Pat01, PRS97, SMR96, WLID02, ZR00, AP03, Ano04d, AK06, BN03, Bou03, CSWD03, CNS03, CW05, CDCD05, DB08, EBE08, FCC07, GRDB05, GZMC08, HKW05, KERUM04, Lan09, LZCY09, LPX05a, LLW07, LHT08, LS06, MS05, MSJ05, RKK06, SY04, SGS08, TZ07, TM06, VA03, XHG03, XG03, YK04, YC04, YCC05, ZMC06, ZHO03, HC09]. **Mobile-Process-Based** [SMR96]. **Mobility** [FCF00, GCB⁺00, FX06, HC09, RKK06, SK05a]. **Mode** [NDZA99, WSA⁺94, BKS91, FCS91]. **Model** [AGW01, AISS97, Ano97k, BPJG92, BA97, CC91, DL98, DG94, DF94, FTL92, Gao93, GS98, GDN⁺98, HK96, HR92b, HR92a, JRR99, KSP⁺92, KCV99, MRRV98, MNB95, NDZA99, OKB95, QY94, SANY94, SAC⁺98, SSK96, WSA⁺94, YZS96, eW95, BMB⁺08, Bic90, BG05, CBD⁺09, CH06a, CDJ⁺89, CRC⁺02, DRT07, Kal04, LFH⁺03, LTKS90, LA06, MM06, NSTN91, NJ91, OO05, RSR04, SSS07, SL90, SK05b, TR89, VHH08, YJB91, ZA91, dR09, GB06]. **Model-Based** [KSP⁺92]. **Modeling** [ATM01, CR91, CCM92, Chi92, CM93, CLRW00, DI91, FMW⁺94, JZ05, JZK04, KNS91, LP96b, Pat01, QS05, RP98, SCM99, SCK03, SS00, TK07, AP91c, FX06, Joh91, KME09, LF03, SV08]. **modelling** [HNSA07, KME89, SAOKM03]. **Models** [AGW98, Ano96l, ABM⁺92, BDF92, Bir94, BSS99, BHRS95, CDY97, CDF01, GAG⁺92, MM00, MLC⁺90, RHH96, SM92a, SSOB02, SM92b, CkLCK04, CkLCK05, CJA09, DHK04, Har91, HK05, MMAL⁺06, PL03a, PF91, Pop91, SS06, ZZ90, dG91]. **Modes** [GGW96, SSG93]. **Modifications** [PM92]. **Modified** [WS97b, ZLRP91]. **modify** [CH06a]. **Modular** [AM95, DD93, FC95, RAS96, CBP02, Dja06]. **modularity** [GK04]. **Module** [AM97b, EL91, MC91, ZFL89]. **Modules** [DP00]. **modulo** [YLB90]. **Moldability** [CB02]. **Molecular** [ES96, NPY⁺97, SPV_vH03, TSA97, FGM⁺03]. **Monitoring** [MLC⁺90, TG97, ZNQ93, CK08, YT05, ZFS07]. **monitors** [TH08]. **Monotone** [HJDH01]. **Monsoon** [HCAA93, NCA93]. **Monte** [Bro96]. **morphological** [SSL04]. **Moset** [MSJ05]. **Most** [BS97, HHC98, TAS⁺01]. **mother** [MC03]. **Motion** [CP92, RR95b, OPG08]. **MP** [CDH84]. **MPEG** [AAL95, CLV95]. **MPEG-2** [AAL95]. **MPEG-Encoded** [CLV95]. **MPI** [PS01, ATM01, BA06, BDH⁺97, CEGS07, DPS05, DPSD08, FKLB08, HcF05, KYL05, LC97, WLN06]. **MPI-2** [DPSD08]. **MPI-FM** [LC97]. **MPICH**

[KTF03]. **MPICH-G2** [KTF03]. **MPP** [DM90a]. **MR** [MF94]. **MR-1** [MF94]. **MRI** [SHT⁺08]. **MST** [Fer95]. **Mukesh** [Ano96]. **Multi** [ACU08, BG86, BA95, MAM05, NBP98, SR88a, Ser97, SM00, WW96, Wil92, YMG01, AGMJ06, BSW07, CCHC09, CLL09, DMCFCM03, FM07, GCS06, JV06, Kep03, KVHS07, LL07, LS03, NC09, QSL⁺08, QGL⁺09, RR05, SCB09, ST05, Trä09]. **Multi-Agent** [Ser97]. **multi-bank** [QGL⁺09]. **multi-channel** [CCHC09, CLL09]. **multi-core** [SCB09]. **multi-criteria** [LL07]. **Multi-dimensional** [NBP98, DMCFCM03, KVHS07]. **multi-functional-unit** [QSL⁺08]. **Multi-hop** [MAM05, YMG01, BSW07, NC09]. **Multi-level** [ACU08]. **Multi-Mesh** [SM00]. **multi-message** [FM07]. **Multi-operand** [SR88a]. **multi-party** [GCS06]. **multi-path** [LS03]. **Multi-processor** [Wil92, RR05]. **Multi-Ring** [BA95, BG86]. **multi-thread** [ST05]. **multi-threaded** [Kep03]. **Multi-Version** [WW96]. **multi-zone** [AGMJ06, JV06]. **multi/many** [Trä09]. **multi/many-core** [Trä09]. **Multibody** [JBL02]. **Multicast** [AZ01, ABP92, CLZ02, GK98, LEN90, Lan94, LHHB⁺01, LME95, Mck94, RJMC95, RMC97, SY01, WB01, Yan00, CS08, GZMC08, GS03b, HL07, KDH08, LMZ04, LHT08, MK08a, PY09a, SKMM04, XLG⁺06, YF07]. **Multicasting** [BETD94, FF98, Gon98, GS01b, LBT94, WCC02, XCS06]. **Multichannel** [HP97a, Mck94]. **Multicomponent** [RW01]. **Multicomputer** [ASB97, DG94, GBES93, HILLY95, JR95, LK96, MLW⁺97, PA01, RU99, XH93, AP91a, CC96, DB86, Li06b, RS90b, Yan04].

Multicomputers [AGF94, CSSY94, CW92, DY99, DFRUC99, GGD93, Lan94, LME95, LEB98, NSLK99, OK01, PHB96, RS92a, RSB96, SP96, SCC92, SB84, Swa98, TJ92, WN94, XH91, XMN92, YB01, GH89a, HSMB91, RS90a]. **multicore** [ABC⁺09b, WCO⁺09]. **Multidimensional** [GC01, LS94, RS92a, KT91, LB89, PMV05, QSL⁺08, SC91a]. **Multifaceted** [Won99]. **Multigauge** [LR94]. **multigrain** [ABC⁺09b]. **Multigrid** [MT96, MHC95, PSE⁺01, IHM05]. **multihop** [CDCD05, HW03]. **Multilevel** [BW89, KK98a, KK98b, SKK97, MMS09, SZW05, TK08]. **MultiMedia** [CCQ⁺06, ALL99, AZ01, GC95, JSCB95, LBL95, Won99, WUG99, ZR00, LVP07, ZV09a]. **Multimedia-on-Demand** [JSCB95]. **Multimessage** [Gon98]. **Multinode** [VB94]. **Multipacket** [MS94, RR95a]. **multipartitioning** [DMCFCM03]. **Multipath** [LYL93, KPR88, SH89, WGS08]. **multi-periodic** [TW89]. **Multiple** [ALL99, ADS98, BOSW94, BOS⁺95, CCC92, DLP99, FGKT97, GH93, KS97a, KC98, KJ84, KM91, LMC90, LSC00, Par92, SM94, TVS97, VSIR91, VB02, WNA⁺94, Wan96, ACU08, BXA08, BSMH08, BFKP04, Car90, CHC05, CCLS94, DMB⁺03, GRV08, JSWB92, JP09, JW89, KAP90, KSS⁺07, KR87, LLL06, LPX05a, LVB07, MVB05, MHBW86, PTZ06, PHS04, SK09, SZ03, YB90]. **multiple-bus** [MHBW86, YB90]. **Multiple-Pass** [Wan96]. **Multiple-Writer** [KS97a]. **Multiplexed** [HP00]. **Multiplexing** [AM95, PD92, QMCL94, QM01, ZLPP01]. **Multiplication**

[Fag92, Li01, NFEG97, CLR90, EL91, ITT04]. **multiplier** [MS87]. **Multipliers** [SRK95, BOI91]. **Multipole** [SHT⁺95, YB01, KP05]. **Multipole-Based** [YB01]. **multiprecision** [MS87]. **multiprefix** [Coh90]. **Multiprocessing** [CDH84, MBK⁺92, ABC⁺88, JS86]. **Multiprocessor** [BW95b, CKL99, CP91, DS96, DRC90, DFN⁺94, GH90, GMM00, HP00, HC95, HN91, KS97b, LYC02, LF92, Lun94, MF94, MMRS98, MT95, MMVR97, MD92, OM90, PL95, PM96, PP92, QY94, RS92b, SEP96, Soh96, WF93, XZS96, ZNQ93, AOSM05, BHR91, BR91a, BS92, DI91, GL89, HDT⁺05, HA91, HC91, KA05, Lee90, LHK03, LW89, LVB07, McA89, PK05a, PI90, SK09, SM89a, SYYU07, TS91, YL89, ZZ90]. **Multiprocessors** [AMB95, AM95, BJ99, Bas97, BS96a, BL96, BC01, BLG01, CB95, DS95a, DJ98, DZDZ01, DT92, GY92, GZ97, HJ01, HA92, KSB94, KB96b, KA97, LK98, LA93, MB92, MS98, MG91, NB93, NS97, NPP⁺02, PH91, PY96, PT97, RL96, RJY96, SMH94, SCM99, SY01, SDS99, SD00, SC91b, TTG95, VSIR91, YW91, YMR93, YL98, AP91b, BC05, CLM90, Cyb89, FZC⁺05, FGP05, Gai90, GL90, KA03, LEN90, LE91, NSTN91, Nik03, RFPAG08, SPBR91, SD91, SMH91, SA90, YB90]. **Multiprogrammed** [MS98, NSS97, NPP⁺02, YL98]. **multiprogramming** [DI91]. **Multirate** [HJDH01]. **Multireader** [HV95]. **Multiresolution** [KZ96, ZM94a, CL85]. **Multisearch** [VS99]. **Multisearch** [ADM⁺94]. **Multiset** [AFS96]. **Multistage** [AA95, BETD94, LC96, OM84, PL93, SZB92, TH02, Tze91, UR94, Wan01b, YWP00, ATH91, CM04, FZ90, HJ90b, Har91, JBM91, LK90, MVM04, SH89]. **Multistage-Network** [UR94]. **multistep** [GGR89]. **Multithreaded** [BJK⁺96, BLG01, GGB93, GRS97, KC99a, Lun99, PS01, RNSB96, RSNB01, SAC⁺98, SSSYG97, TG99, YMR93, ABC⁺09a, SLG06, TKHG04]. **Multithreading** [BL96, FKT96, KPC96]. **multitonic** [Sei05]. **Multiuser** [BAL05, ZRC99]. **Multivalued** [HV95, HV09]. **Multivariate** [HK01, MMAL⁺06]. **multiversioned** [Ahu90]. **Multivway** [SM00]. **Munin** [Car95]. **Muntz** [Ano92a]. **MUPPET** [MSS88]. **Mutual** [AE95, Cha94, Cha96, DGFGK05, FTC00, GBG93, KY02, KUFM02, NTA96, NM02, Sin93, XLG⁺06, YZY96, AK07, BAS06, CW05, CH06a, CB06, Gos90, MM07c, Ram89]. **MVAMIN** [JBM91]. **Myrinet** [KL01b, QS05].

name [TB90]. **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, KS08, NA06, Wan07]. **Nearest-Neighbor** [OS96b]. **Nearly** [Nas94, SSM89]. **Necessary** [SJ96]. **Necessity** [MC03]. **Negotiation** [LL98]. **Neighbor** [HA92, OS96b, UR94, KS08, MKC⁺09, Wan07]. **Neighborhood** [LYC02]. **neighbors** [NA06]. **Nested** [BHS⁺94, CWW96, DRR96, HS93, KBG92, Mer96, RSS99, SCB09, AGMJ06, BFTV87, EB09]. **Nests** [DR95]. **Net** [BPJG92, BDF92, Chi92, Fer92, SP90, NM95, WL92]. **Netfinity** [BAHP01].

Nets [BPJG92, CMT92]. **Network**

[AA93, AAD98, ABM⁺92, ABCP96, BBH⁺97, BBCD02, BA95, BC01, BF97, BST01, CGKK97, CW01, Cha95, CW92, DLLX97, DSAUM99, DVZ96, DBP94, DKMV01, DH95, ESMG96, FFK97, FAM96, FTL92, GRS97, GS01a, GH93, HH97, HPT⁺97, KC95, Kop97, LS97, LK94, LC96, MM00, MJ94, MSS88, NBSD99, OM84, PN97a, PN97b, Pat01, RCY97, RJY96, SM00, SBAM96, SS95, TSC01, Tze91, UR94, WMG01, ZY96, ZLP97, ZMPE00, ZW00, dBL95, AP91b, Ano04d, AF06, BXA08, Bat05, BAL05, BPA06, CKO04, CKN07, CDB04, CWL⁺07, Che89, CVJ09, DE91, FK89, Gai87, GZMC08, HWWH08, HWC08, IS06, JXW06, Joh89, JZK04, KERUM04, KJD03, KCD08, KO90, KPR88, LAD⁺96, LTD⁺93, LY08, Nap90, NS90, OO05, PL06, RH05, RD05, SSB91, SS05, SY04, SK89a, SMKL93, TM06].

network [VM95, VHH08, VR86, YK04, ZWS09, ZWRI07, dG91].

Network-Based [GS01a, OM84, PN97a, PN97b, CVJ09, KJD03].

Networked [FGKT97, HS97, LHM95, OEY07, BW09, HP06, SS08].

Networking [Ano01e, GCY⁺04, Bou03]. **Networks**

[AAD02, AZ01, AS97, ABP92, Ann94, Ano92c, Ano93e, Ano00d, AA95, BSS97, BAES92, BCH95a, BETD94, BCD00, BDF01, BCH95b, CP97, CT96, CS00, CAB94, CS93b, CC94, CS95c, DS95b, DHB02, DP99, DS93, DL01, DF95, DZ97, DC94, FCF00, FT94, GGN93, GK98, GHKS98, GO95, GPS96, GB93, GS01b, HIKM94, yHY97, HLCZ00, HJDH01, HJD⁺01, JR92, JH92a, JLRA97, JH94, KKGS01, KL01a, KRSZ02, KAM94, KB96a, KL01b, KR98, KJ84, Lat95, LBL95, LYL93, Lee94, LLJ00a, LAZC00, LPS⁺98, LWOG02, LHHB⁺01, LP95, MS00, Man94, MLW⁺97, MSH90, MS85, Mck94, MDD97, NRS95, NSSS99, NS92, OD95a, Ola01, OO85, Oru87, Oru94, OK01, PRW94, PA97, PA01, PL93, Piu01, PKD97, Pra93, QMCL94, Qia97, QM01, RS96b, RP98, RMC97, Ros99, RLS96, SW96, Sei05].

Networks

[SZB92, SLP⁺98, SZ00b, SF90, SCD99, Szy95, TVO92, TH02, VB02, WM92, Wan96, WR97, Wan01b, WB01, WP02, WAS95, Wil92, WT92, YWP00, Yan00, YN92, YMG01, YP96, ZZC92, AP91a, ASM09, AAD03, AB05, AP03, Arb89, ALF03, BFG⁺03, BCV05, BSW07, BGLA03, BS03, BDjQ86, BHR91, BR91a, BPRS04, BOP06, Bhu87, Bod89, BR91b, BN03, BZLI04, BMIM07, CI03, CM04, CNS03, CKN07, CW05, CS06b, CCK⁺08, CS92, CDR09a, CDR09b, CYZ06, CGG⁺09, CDCD05, CM93, CMS04, CT04, DW06, DD96, DMB⁺03, DB08, Dim04, DFP06b, DH04, EAL90, EBE08, Fei03, FY86, FZ90, FJG06, FKJG08, FMM⁺08, FVCL05, FD86, GPT06a, GRV08, GDP08, GP07, GCY⁺04, GSSS03, GH89a, GAGPK03, GJXZ05, GS03b, GMXA07, HW03, H MV07, HJ07, HJ90b, Har91, HS06, HZY04, HT06].

networks

[HDT⁺05, Hoh90, HL07, ISAZ07, IB04, JT88, JBM91, JBY⁺05, KKVI05, KSI04, KK06, KOA09, KGN89, KMF⁺05, KKS09, KMS07, KDH08, KH89, KNS06, LZ08, LK90, LR06, LHKL03, LR03a, LCW05, LPX05a, LW06a, LT07, LS03, LC07, LR03b, LLW07, LHT08, LHP07, Los08, MLG05, MM04, MAM05, MSM09, MV88, MSZ05, MS88, MVB05, MBR08, MKC⁺09, MAJJ05, MVM04, MHBW86, MK08b, NJ91, NC09, OMSGNSG05, Pak89, Par05, PK05a, PL06,

Pel90, PV07, Pla08, PLR07, PB09, RKK06, RHL08, SAOKZ05a, SAOKZ05b, SX08, SZ09, SGS08, SKMM04, SK05a, SL89, SR88b, SR90, SK05b, SH89, TBHA07, TDC05, TDM05, TR08, VO89, Var91, VA03, WCC02, WW07, WG08, WTB⁺08, WGS08, WMW09, WBTM09, Wil90, Wu85, WTS03, WH08, XYKA08, XCLR07, XHG03, XQ04, XWC⁺08, XG03, YME06, YF09, YL89].

networks

[YSL08, ZV06, ZMC06, ZXP09, ZDC06, ZHO03, ZC04, MR03, PRP09].
Neural [AA93, Ano92c, BST01, CW92, FTL92, HPT⁺97, JH92a, KJD03, Kri92, LWOG02, MM00, Mon94, NS92, Piu01, Ram92, TVO92, WT92, ZYC92, eW95, Arb89, FK89, GH89a, Joh89, KH89, SMKL93, Tor89, VM95].
Neural-Network [CW92]. **Neuro** [MT97b]. **Neuro-Chip** [MT97b].
Neurocomputer [GFB⁺92, Ram92]. **Neurocomputing** [Ebe94]. **neuronal** [VO89]. **next** [RKK06, SB04]. **next-generation** [RKK06]. **Nexus** [FKT96].
NIC [JBY⁺05]. **NMC** [SANY94]. **No** [KF90b]. **Node** [AAD03, KKS09, FKL08, TR08]. **Node-ranking** [AAD03]. **Nodes** [GP97, NSLK99, SS95, CK91, DB86, WGS08, XYG07]. **Non** [BH05, BGH⁺03, CLL09, GRDB05, Lai86, Li06a, MM07c, MAR05, QS05, WLN06].
non-blocking [QS05]. **non-clairvoyant** [Li06a]. **non-cooperative** [GRDB05]. **non-dedicated** [MAR05, WLN06]. **Non-evolutionary** [BH05].
non-first-in-first-out [Lai86]. **non-linear** [BGH⁺03]. **non-uniform** [CLL09, MM07c]. **Nonatomic** [Sin95]. **Nonblocking** [JSM94, MS98].
Noncooperative [GC05]. **Nondedicated** [Ano97k, YZS96]. **nondense** [WF90]. **Nondeterministic** [CY95]. **nonequivalent** [NJ91]. **Nonexpansive** [Bah00]. **Nonlinear** [AM93, DM90a, ESMG96, MHC95, CEGS07, KKB⁺06].
Nonloop [Bec96]. **Nonoblivious** [FY96]. **Nonredundant** [Wu94].
Nonuniform [AA95, KRW96, KR97, LK90, OP98, WLR90]. **normal** [ZB03].
Note [Ano01-34, Ano02j, Pel95, Num07, Ano04d]. **Notes** [THSS87].
Nothing [LT94, PVGG06]. **Notification** [ABP92]. **Noting** [HTL99]. **notion** [LJ86]. **Novel** [LYC02, LLCL98, OS96a, CWLD05, CCHC09, LTB02, SKMM04, YF09, ZV09a]. **NP** [BRR01, MPZ09]. **NP-Hard** [BRR01]. **NT** [BAHP01]. **Null** [DMSH90, BD04]. **NUMA** [LE91, WF93]. **Number** [Alu97, Ano92a, Ano92c, Ano93e, Ano96l, Ano97k, Ano00d, Bro96, BS96c, CS93b, SS95, ZAW94, DDNS06, FSZ07, HSSM07, IC05, PK89]. **Numbers** [NS94]. **Numerical** [BK95, LLCC02, RW01, NAK04]. **NUTS** [LK90].
NVIDIA [KME09].

O [AW95, Cho93, CQ95, CD95, DD93, DT01, DJT03, GGD93, JSCB95, JSWB92, LTH97, MLG05, NSSS99, NsPPC02, WLWW09]. **O-Intensive** [EH01a, CkLCK04, CkLCK05]. **Object** [CSSY94, CS95b, DR98, GCB⁺00, HS00, JRR99, KC99a, LLS93, LTH97, SG96, WPKK94, WLID02, WH97, ACFK07, Chi95, KC04, LFH⁺03, SK90, SCK03, YJB91, ZV09a].
Object-Based [DR98, WLID02, ZV09a]. **Object-Oriented** [CSSY94, CS95b, HS00, SG96, Chi95, YJB91]. **object-space-parallel** [ACFK07]. **Objects**

[CLZ00, CDP95, HPT02, Kap93, SBAM96, VWHL96, WG93, Won99, van96]. **Oblivious** [IM00, YME06]. **observations** [ZHO03]. **Obtaining** [AFT⁺00]. **Occam** [LC92]. **Occamflow** [GL89]. **Ocean** [SAC⁺98, SH92b]. **Octree** [FLS⁺97]. **Octrees** [BFG94]. **Odd** [DS96, NT93, SL95, ZDC06]. **Odd-Even** [NT93]. **ODEs** [Wor93]. **ODMRP** [OPG08]. **Off** [BCLR96, GK98, LPU97, BS92, PF08, ZB09]. **off-line** [BS92]. **off-the-shelf** [PF08, ZB09]. **offer** [Trä09]. **offloading** [WL04]. **offs** [CLR90]. **Olden** [CR96]. **Omega** [Ano93e, CS93b, SZ00b, GL90, CS92]. **omega-like** [GL90]. **on-demand** [BSW07, FVLB09, SFEF06, WL05, XG03]. **On-Line** [BDKM94, LTY96, Yen01, DJ98, EL88, LHK03, KM88, SL90]. **One** [Ano93e, CS93b, LP95, PTA08, SR97a, SR97b, YAS98, ZB97, Che05, CS92, Deh90, Yan04]. **one-** [Deh90]. **One-Copy** [Ano93e, CS93b, CS92]. **One-Dimensional** [LP95, PTA08]. **One-Sided** [ZB97]. **one-step** [Yan04]. **one-to-all** [Che05]. **One-to-Many** [SR97b]. **One-to-One** [SR97a]. **Online** [HCWS94, QM01, BFG04, Li06a]. **Only** [GS00]. **onto** [BR08, BS90, BSB⁺01, DAYA02, Dja04, DQR⁺09, ERL90, ERS90, GH89a, GW99, KMS⁺06, LLS07, MM00, MAS⁺99, XH91]. **Ontology** [PRP09]. **Ontology-based** [PRP09]. **Open** [CA94]. **OpenMP** [AGMJ06, CCM⁺06, HLCZ00, LA06]. **operand** [SR88a]. **Operating** [MBL⁺92, SEP96, CDJ⁺89]. **Operation** [HLJ01, Coh90, KNS91]. **Operational** [RHH96]. **Operations** [BTZ98, DP98, FAGW95, HTL99, HLJ98, KSA95, PKD97, Van94, ZK94, BM04b, LMR05, JSWB92]. **operator** [CL85, TG03]. **Operators** [BDKM94, SR94]. **opportunistic** [AM07]. **opportunity** [KS03]. **OPS5** [GF89, HS86]. **Optical** [AK93, Ano93e, BA97, BC01, CS93b, CLM90, DP99, DSD⁺97, ELS94, ES97, GB93, HP97a, HQPT99, IWM97, LLJ00a, LLJ00b, LPZ99, MR03, MC93, MB93, MG93, OS97, OS93, PEC95, QM01, RP98, SHC93, SL97, Szy95, SH98, THN⁺93, TBPV00, WLY01, WHT00, YWP00, YMG01, ZMPE00, ZLPP01, CS92, McA89, NAK04, WG08, dR09]. **Optically** [DH95, EH01b, Guo94, KM97, MKY⁺97, QMCL94, GMH⁺91, TRSS06]. **Optimal** [AMS94, AR97, AKPT99, BNS00, BBM⁺02, BSDE96, BOS⁺91, BOSW94, BHK⁺94, CW00, CS93a, CA95a, CW92, CA96, DS95b, DP00, DLP99, DT97, DF90, Ede91, FLPJ07, FM96, FXW03, FA95, FAM96, FY96, GS91a, HV95, HKMU98, HM01, Ho91, HJD⁺01, IZ95, JP95, JBP00, KERUM04, KUFM02, KS97b, KW02, LHS97, LSC00, LK94, LCW05, LO94, LO96, LV88, LS01, MS94, Man97, MW95, Nak95, OS96b, OSZ98, OH02, PM05, PP06, PK05a, Pel95, PL94, PV07, PM96, RR95b, San99, San02, SJ95, SZ00b, Sin87, SV00, TR08, WL90, WLY01, WR97, WS95, WS97a, WN94, Wu94, WHT02, Wu03, WLL08, ZWS09, ZWRI07, oPP00, ANP07, BM04a, BS92, CV90, CMS04, CZ90, Dja04, Gue86, HDJ08, LH04, LS05, Lis90, MD07, NW88, PY09c, Pel90, PA04, PLR07, SGR03]. **optimal** [SSM89, SGE91, WC91, XWC⁺08]. **optimality** [HV09]. **Optimally** [TBPV00, GC07]. **optimisation** [LL07]. **Optimistic** [HF02, NH93, PW96, SS93, DWG03, JLM08, QS05]. **Optimization**

[BLG01, CLRW00, FM99a, FCF00, HA92, KCRB99, KZ96, KLS90, LWY97, OK02, RL02, RNSB96, SMH94, TRSS06, VSM96, WCO⁺09, ATH91, AF06, BCM87, CI86, KA89, KKB⁺06, KLL87, QS05, RRS⁺08, SCC⁺06, SZD07, SK90, WMW09, Wol88, YWD08, ZI08]. **Optimizations** [BW95a, DUSH94, HKT94, KY96, RSB96, ZH99, ABC⁺09a]. **Optimize** [DRR96, HLJ01, SF05]. **Optimized** [ABDS02, Bar05, BKS91]. **Optimizer** [HILLY95]. **Optimizer-Assisted** [HILLY95]. **Optimizing** [CG86, KRC00, KR06, LMR05, NCTT09, Sab94, WMG01, WLWW09, ARM⁺05, MSM09]. **Optimum** [LP96a]. **Opto** [AA93]. **Opto-electronic** [AA93]. **Optoelectronic** [HPT⁺97, MLW⁺97, MB93, HNSA07]. **Order** [AMS94, Bit92, CLZ02, DT97, BCM06, BG05, GA90, KMF⁺05, KME09, MP87]. **Ordered** [GS98, TS91, JW89, Tay05]. **Ordering** [KK98b, PRS97, RS96a, ZB97, CHC05]. **Orders** [SH97, Sta04]. **ordinary** [GGR89]. **Organization** [AP94, CT04, Ull84]. **organizations** [BW89]. **organizing** [BFKP04, BZH06]. **orientations** [AFM09]. **Oriented** [BS90, CSSY94, CS95b, Fer92, HS00, SG96, Bic90, BZLI04, Chi95, CTT08, KBD05, RKK06, SK90, SFEF06, YJB91, ZC04]. **Origin2000** [SSOB02]. **ORION** [PRP09]. **Orthogonal** [AR97, Wu02, GS91b, HC91, SM89a]. **orthogonal-access** [HC91]. **Orthogonally** [CP98]. **Other** [Kap93]. **OTIS** [ZMPE00, ZXP09]. **Out-of-Core** [BCR96, Raj04, KKB⁺06, WJV07]. **Outerplanar** [GS99, KW02]. **Output** [ASR93, GC07, PD92, Ros99, ST02, GS03a, PY09a, ST06]. **Output-sensitive** [GC07, GS03a]. **Overall** [LO96, SEP96]. **overcome** [KG04]. **overflow** [SCC⁺06]. **Overhead** [DR98, JNW96, KS00, SD00, BCM87, BD04, CX05, FGP05, SC91a, SZ09]. **overheads** [DI91]. **Overlap** [QH96]. **Overlapped** [Lin93a, KNS91]. **Overlapping** [CQ95, Wil92, CHC05, KSG03]. **Overlay** [PRP09, GZMC08, HK04, LCM⁺06, XLG⁺06, YF07]. **overlays** [ZH07]. **overloading** [AOSM04]. **Overview** [EMP⁺96, KS93, ABC⁺88].

P [ASST05, dR09, PMV06]. **P2MCMD** [LC07]. **P2P** [CWLD05, GJXZ05, RHL08, She09, SZ09, SHLN09]. **P2P-based** [She09]. **PACK** [BR96]. **PACK/UNPACK** [BR96]. **Package** [HS97, KOW97, XKMN94, CPO⁺03]. **packages** [PL03b]. **Packet** [GHKS98, GO95, JK00, LYL93, LS94, NS95, OY00, PRW94, PV89, RD05, SL97, BMIM07, KMF⁺05, Nap90, OS04, PY09a, YSL08]. **packet-level** [YSL08]. **packet-size** [OS04]. **packet-switched** [Nap90]. **Packets** [GRV97]. **Packing** [Hwa97, LTW⁺90, SF05]. **Page** [LE91, NPP⁺02, HSSM07, TH08]. **Pagenumber** [KRSZ02]. **pages** [Ano96l, Ano97k, Ano00d, CS93b]. **Paging** [DM99]. **Pair** [DP98]. **Pairs** [BGR96, TU92, KS91]. **Pairwise** [GP00, CK08]. **Pancake** [BS03, KAM94]. **panel** [Rob09]. **Paper** [Ano01m, Ros07]. **Papers** [Ano95i, Ano95j, Ano96j, Ano96i, Ano97i, Ano97j, Ano98k, Ano98i, Ano98j, Ano99g, Ano99d, Ano99e, Ano99f, Ano00a, Ano00e, 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, Sni03, Rob09].

Para [CD98]. **Paradigm** [KBD05, RS92d, BAMM05, CVJ09, MSJ05].

Paradigm-oriented [KBD05]. **Paradigms**

[Ano99g, CEF⁺95, YMR93, XQ04]. **Paragon** [CCRS92]. **Parallel**

[ASR93, AGW01, AT94, AGF94, AAL95, ANT02, AISS97, AP94, Als01, ABJS01, Alu97, AFM03, AS97, AS95, AH94, Ano92a, Ano93a, Ano96j, Ano97j, Ano97k, Ano99g, Ano00d, Ano02v, ABZ95, AKP95, ADM⁺94, AS94, ADS98, AB93, BK95, BJ96, BR96, BCD95, BBD⁺91, Bai94, BW08, BBH⁺97, Bal90, BDF92, BGR96, BS97, BCV94, BFG94, BN94, BB93, BBM⁺02, BL94, Bev02, BBH⁺98, BP95, BEE00, BS90, BHS⁺94, BDHF90, BP89, BR95c, BRPR06, BMARM07, BMRC98, BMRC99, BS00, BTZ98, Bro96, BX93, BDH⁺97, BA01b, BTG02, BMCP98, BM95, BNSP99, BS09, CP97, CMT93, CP98, CGKK97, Cas93, CC91, CDY97, CDRC99, CB99, CKK00, CvdBL⁺08, CCRS92, CGL⁺95, CCC90, CS95b, CW93, CA95a, CWW⁺95, Chi92, CV91, CDJL09, CN93, CP92, Cho93, CHR94]. **Parallel**

[CY96, CWP98, CB96, CQ95, CGA98, CH92, CP94, CA95b, CHGM01, CRFS94, CLZ00, CBdCD00, DM90a, DM95, DOP98, DP00, DM92, DRC90, DH91a, DS84, DO89, DH94, DN94, DJM94, DSW94, DT01, DSD⁺97, DBKF90, DD95, DZ97, DJT03, ES96, ERL90, ERA95, EMMM94, ELS94, ES97, EHS94, EHMN95, Fah96, FBRW03, Fer95, FR96b, Fer92, FMP98, FLS⁺97, FC95, FKKC97, FJ93, FMW⁺94, Fre96, FT94, GG94, GP94, GCB⁺00, GGN93, GV94, Ger98, GBES93, GGD93, GJP96, GC01, GSC96, GM95, GSP02, Gra09, GL92, GH89b, GHH92, GWH06, GK93, GHSJ96, GS99, GRR⁺05, Hag97, HHM94, HK96, HH97, HGCC96, Han89, HB97, HBJ98, HP95, HR92b, HR92a, HHC98, HP97b, HN91, HTB98, HR89, IK94, IZ95, IWM97, IHM05, JW94, JBL02, JSM94, Jia99]. **Parallel**

[KR97, KF95a, KME92, Kap93, KSA95, Kar92, KK98b, Kau94, KZ96, KR98, KB01, KKS08, KE93, KS93, Kri92, KW02, KG94, KGV94, KM92, KA97, KC99b, LSCA93, Lan09, LP96a, LMC90, LWY97, LTH97, LJKS02, LS97, LC90b, LAS⁺97, LPZ99, Li01, LWO92, LYL08, LSH96, LS88, Lin91, Lin93b, LA93, LO94, LLCC02, LP97, LFA96, MB96a, MHF93, Mah95, MM93, MS99a, MLC⁺90, MR94a, MPZ09, MT96, MB96b, MP93, MSH90, MD98, MHC95, MB92, MSd⁺95, MMAL⁺06, Mer96, Mil93, Mir91, MB93, MG98, Moh96, MS96, MS99b, NSS97, Nas94, NFEG97, NMS93, NS97, Ngo06, NT90, NKC⁺97, NH93, Nic94, Nie94, Nik04, NsPPC02, NDZA99, NS92, NPY⁺97, OO05, OY00, OB98, OP98, ORR03, OR97, PH91, PD05, PP96, PH00, Par98, PE93, Par96, PL03a, PL94, Pla08, PAH⁺98]. **Parallel** [PAJC97, PSE⁺01, QZ94, QH96, QOvdG01, Raj01, RSS96, Ram92, RL02, RS92b, Ree84, RW01, RGS00, RPS93, RSW90, RIZ90, RJA97, Ros99, Ros07, RW93, SSG93, SH90, SS96, San98, SMR96, San02, SAOKMA02, SH97, SG93, Sch90, SM89b, SW96, Sch91, SdS97, SAF05, SR97a, SR97b, SAC⁺98, She06, SS92, SSHC00, STN92, Shu95, SGS99, Sil90, SM00, SRK95, SSRV94, SB93, SC95, Ski96, Sni03,

Soh96, SL97, SIR92, SK93, SMKL93, Ste95, SSK96, SWC⁺91, SF90, SYG92, SS97, Szy95, TSA97, TW87, Ten90, TAS⁺01, TR96, THBF97, TVO92, TZ00, TK08, TF01, UAPM07, VSM96, VGAB08, WB94, WCE97, WLY01, WM92, WNA⁺94, WPKK94, WB96, WTC08a, WMW09, WSA⁺94, WD94, Wee01, Wei98, WMG01, Wei02, WA02, WAS95, WS95, WS97a, Wor93]. **Parallel** [Wri91, WT92, WH97, WHT00, WHT02, YZS96, YB95, YIY97, YB01, YP96, Zak01, Zep91, ZYH94, ZK94, ZB97, Zhu92, ZH99, ZM94a, ZO97, ZYO02, ZA91, ACYS08, ALS91, AP91c, ATH91, Ara90, AE88, ANP07, AG86, ACFK07, Bad04, BC05, BCM87, BB87, BBCLL04, BBM08, BA06, BČFF05, BAH04, BFH09, BS87, BSG90, BR91b, BGM⁺08, Boz09, CK88, CR91, CCS06, CRL04, CEGS07, Che86, CC87, CJ07, CT94, CDJ⁺89, CL85, CZ90, CB06, CD95, CK91, DFP06a, DRT07, DM90b, DM90c, DQR⁺09, DUW86, DM94, DWHL87, Ebn04, ESTA94, EE05, Eİ07, FCG04, FGG08, FCS91, FSD04, GGR89, GS91a, GP91, GT04, GWWL94, GS03a, GC07, GB06, HM06, HOE⁺09, HS86, HA91, Hsi04, JT88, JSWB92, JMS86, JL05, JP09, JZ05, JV06, KESA07, KV88, Kep03, KHK03, KM03, Koc91]. **parallel** [KK86, KS91, KMP⁺06, KP05, LTB02, Li06a, Li06b, LT07, LTKS90, LC92, LH04, LS05, LH09, LF03, Luk85, ME04, Mar88, MV88, McD89, MCT06, MP87, MAR05, NW88, Nic07, NCTT09, OS04, PB90, PPC04, PK89, PF91, PVPM06, PHS04, Pop91, PF04, PRG88, QJ05, Raj08, RSR04, RGD03, RG87, Ros89, RSW91, RTCG91, SI86, SS03, SPBR91, SV08, SI89, SC91a, SS06, SSTP09, SC04, SZW05, SF05, SK91, SA08, Sta04, SDG08, SR91, TM06, TW89, TRSS06, TS91, Trä09, VD04, VA07, Vis87, WL90, WC91, WJV07, WBTM09, WRHR91, WJD91, WZ91, WF89, WLWW09, WGCZ09, YJB91, YZLT09, ZFL89, ZJ06, ZFWF06, dVCP06, dGP06, CPO⁺03, Ree84]. **Parallel-depth** [BP89]. **parallel-processing** [Trä09]. **Parallel/Distributed** [KZ96]. **Parallelisation** [HSSM07, Kal04]. **Parallelism** [Bec96, BAM93, DRST02, FM85, FKKC97, FY97, GSG⁺93, HKT⁺91, KRC00, MR94b, MK92, SSG93, SW91, SH92b, SV00, SG96, GV86, HS03, Irw88, PVGG06, RS08, SCB09, DeG88]. **Parallelization** [BPST96, BF01, DHR96, HO94, KR97, NM95, NC97, Pov99, SANY94, UZSS96, WCKD06, AAD05, AGMJ06, CVJ09, IBP08, SGE91]. **parallelizations** [CCLS94]. **Parallelized** [DR98, MJ01, SPV^vH03]. **Parallelizing** [HWW96, RHH96, Tse90, DMCFCM03]. **Parameter** [FCF00, SPV^vH03]. **Parameterized** [dR09, NSTN91, PW96]. **Parameterizing** [TSHH01]. **Parameters** [Fer90]. **Parametric** [DR95]. **Parentheses** [MW95]. **Pareto** [BFM06]. **Parity** [CT93, MRK93]. **ParList** [FMP98]. **Parser** [CB96]. **PARSIMONY** [GC01]. **Part** [SAOKZ05a, SAOKZ05b]. **Partial** [FY96, HHC98, SH97, VB94, JL05, Ros89, Vel89]. **Partially** [FII04, SKK91, Tay05]. **Particle** [BTG02, PAH⁺98, SDG08, CvdBL⁺08, LTKS90]. **particle-in-cell** [LTKS90]. **Particle-To-Grid** [SDG08]. **Particles** [LLCC02]. **Particles-Turbulence** [LLCC02]. **Partite** [EMMM94, SLP⁺98]. **partition** [LM05].

Partitionability [SZ00b]. **Partitionable** [NMS93, SB84, CL91b, LC90a, LC91b]. **Partitioned** [CB99, LJKS02, YI96, CG86, Gai90, Mat06, OT86, SR88a, SM08a, MR03]. **Partitioner** [SSB98]. **Partitioning** [Als01, AYIE98, BW96, Bou02, CN93, GK98, HS93, Kar95, KK98a, KK98b, Lee90, Mah95, Moh96, MFS96, Nic94, PHB96, PB99, TG99, WCE97, WF93, ACU08, CP05, DHK04, LVP07, Mit07, PA04, PTA08, SW91, TK08]. **Partitions** [SS96, MMS09]. **partner** [FCC07]. **party** [GCS06]. **PARULEL** [SWC⁺91]. **Pascal** [PLD87, Ree84]. **Pascal-based** [PLD87]. **Pass** [Wan96, DD96]. **passable** [VR86]. **Passing** [BB93, BDH⁺97, CW92, CD98, dADB96, GBES93, HNM02, Isl97, Kar92, KTF03, LK96, MD92, PY96, PS01, SCMB90, XH93, ZN01, BPW05, GH89a, Hal05, LR06, She06, vS91]. **Passive** [MR03, DS04b, YT05]. **Past** [TAS⁺01]. **patch** [Meg91]. **Patches** [GM95]. **Path** [BLG01, DP00, FF98, HTB98, IZ95, LK96, NTA96, OC07, RMC97, TU92, TZ00, ATH91, ANP07, DM90b, EDÖ05, Hsi04, KS91, LS03, NS90, Ros89, SYYU07, WCC02, YME06]. **Path-Based** [FF98, RMC97]. **Paths** [BGR96, BP02, GT97, GP00, DMB⁺03, FLPJ07, PK04b]. **Pattern** [AA93, BMRC99, LW95, Lon04]. **Patterns** [GSP02, KS02, LL95, BHR91, BR91a, NAK04, RGU08, SPBR91]. **PCB** [wXH00]. **PCG** [ORR03]. **PCS** [FCF00]. **PCT** [AT03]. **PdBCube** [CAB94]. **PDE** [CHR94, GV86]. **PDES** [PW96]. **PEACE** [BNSP99]. **PEC** [LP95, RS96b]. **peer** [ALH⁺09, ABCM07, BCK⁺09, BAL05, FJG06, FKJG08, FVCL05, HK04, LC07, MSZ05, OSL05, WXZ05, WGC09, WDDK09, YF09]. **peer-to-peer** [ALH⁺09, ABCM07, BCK⁺09, BAL05, FJG06, FKJG08, FVCL05, HK04, LC07, MSZ05, OSL05, WXZ05, WGC09, WDDK09, YF09]. **Penalties** [SDS99]. **Perceptron** [ZAW94]. **Perceptual** [CWP98]. **Percolation** [MSH90]. **Perfect** [BAES92, AB05]. **Perfectly** [Lin93a]. **perform** [EL91]. **Performance** [AP91a, Abr96, ABDS02, AP93, ACD⁺93, ATM01, AYIE98, AH94, Ano92a, Ano97k, AA95, BJ99, BBH⁺97, BPJG92, BCV94, BS96a, BAMM05, BL96, BCD00, BP01, BLG01, BNSP99, CTD99, yCM98, CY99, CB02, CP99, DS95a, Dah99, DPSD08, DY99, DS02, DW04, DF94, ER97, FR92, Fer92, FGKT97, FPD93, GCB⁺00, GE85, GT02, GM94a, GGD93, GDN⁺98, GM99, GRR93, GBA08, GK93, GK04, HMBW07, HCS⁺00, HCAA93, HSMB91, HP97b, HN91, HLL⁺95, yHY97, HTL99, IC05, JSCB95, JV06, JB93, JLRA97, Joh91, KME92, KMKD97, KC95, KS95, KMS07, KB96b, KG04, KEA95, KJ84, KRS01, KLL87, KMB91, LC97, LLS93, LYL93, LP96b, LPU97, LPX05a, LTD⁺93, LHVW95, LDCZ97, Lun94, MF94, MT95, MSAF04, MM06, MSC96, MB92, MS96, NBP98, NCA93, NKC⁺97, OD95b, PH00, PS93]. **Performance** [PD92, PEC95, PTC⁺93, PAJC97, PS01, RPS93, RW93, RGU08, SMH94, SSG93, SPBR91, SV08, SKR93, SG93, SB02, SLP⁺98, SKH96, THBF97, TTG95, TH02, Tze91, VSM96, VHH08, WAS95, WF89, WLID02, XQ07, XZS96, YB90, Yan93, YZS96, YI96, YAS98, Yan00, YB95, YMG01, ZNQ93, AB03b, AP91c, BL05, BW89, Bat05, BČFF05, BKS91, BH86, BJS03,

BDDL09, CK06, CF88, CBP02, CBM⁺08, CCEB03, CkLCK04, CkLCK05, CC96, DK08, FGP05, FJSW90, FD86, GRV08, GST09, HW03, HNSA07, HCZ04, HA91, HcF05, HC91, JBY⁺05, KKS08, LL90, LWR⁺03, Li06b, LVB07, MVB05, MG09, MBH⁺08, NSTN91, Nap90, NTC03, NRM⁺09, OSL05, Par05, PRHB06, RH05, RM90, RTCG91, SAOKZ05a, SAOKZ05b, SCB08, SD91, SC04, SAB⁺92, TB90, TMM06, TD07, WTB⁺08, WS06, WH08].

Performance-Driven [CP99]. **performance/cost** [AP91c]. **Performances** [MS99a]. **performing** [GA90, VM95]. **Perimeter** [KF95a, KOA09].

Periodic [Abr96, BNP98, BBM⁺02, RDS02, WCF94, FXW03]. **Peripheral** [MBK⁺92]. **Permutation** [AKP95, CL93, DT97, GT97, IZ95, Oru87, Oru94, QM01, RDL95, TBPV00, WS97a, YWP00, HRJ94, JL05, KO90].

Permutations [AMS94, BP98, CS93c, JH92b, Kap93, RS94, MR03, VR86].

Permuting [Cor93]. **persistent** [TC03]. **Personal** [ZR00]. **Personalized** [LHS97, RWK95, Ede91]. **perspective** [Los08, Wan07]. **perspectives** [WH08]. **pessimistic** [Yan04]. **Petersen** [SGR03]. **Petri** [BPJG92, BDF92, Chi92, Fer92, NM95, SP90]. **Petri-Net** [NM95]. **Pfair** [HA06]. **Pfair-scheduled** [HA06]. **Phase** [AT94, DRR96, LC91a].

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Ping-Pong [LF92]. **PIOUS** [MS96]. **Pipe** [KSL85, SD88b]. **Pipeline** [DT97, DF94, VSM96, BR08, JS86, ZWRI07]. **Pipelined** [GMH⁺91, KSL85, KL84, LPZ99, MP93, PH91, Pov99, RFM94, RS92b, SG99, SV00, TG03, dR09, BPP05, CCK88, DS04a, Gao86, Gao89, tH90, KM88, KSG03, MP08, PYF08, SD88b]. **pipelined-loop-compatible** [MP08].

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[BAK⁺03]. **Porting** [KME09]. **Ports** [AW95]. **positive** [KK86]. **Potato** [NS95]. **Potential** [MK92]. **Power** [Ebe94, EB09, TVT96, BAPRS91, HVM07, WTB⁺08, dR09]. **Power-aware** [EB09]. **power-constrained** [WTB⁺08]. **pp** [Ano92a, Ano92c, Ano93e, BS96c]. **PRA*** [EHMN95]. **Practical** [Ger98, HCWS94, HR92b, HR92a, KK95, SGS99, YZS96, McD89]. **practice** [PTA08]. **Practice** [Ano97k]. **PRAM** [AS91, DL98, HS94a, PRW94, Pra93, ZK94]. **PRAMS** [MR94c, FII04, GM94b]. **Pre** [VWHL96, RG06]. **pre-execution** [RG06]. **Pre-run-time** [VWHL96]. **prearranged** [SW90]. **Precedence** [JR95, KB96b, MMVR97, BKS05, DUW86, Li06b, ZV09b]. **Precluding** [Yen01]. **Preconditioned** [BSGM90]. **preconditioners** [SZW05]. **Predicate** [TG04, Yen01, AMK⁺07]. **Predicates** [CK97, GCKM97, RS92b]. **Predictable** [CKK00]. **Predicting** [FFK97, Lun99, SSG93, SZD07, SFT04, Wei02]. **Prediction** [Ano97k, CTD99, KL01b, PH00, YZS96, YI96, CDB04, SM08a, SK05a]. **Predictions** [DD95, XZS96]. **Predictive** [DSW94, RKK06]. **predictor** [GGR89]. **predictor-corrector** [GGR89]. **Preemption** [MS98]. **Preemption-Safe** [MS98]. **Preemptive** [GAGPK03, Mar88]. **Preface** [Ano01-33, Ola01]. **Prefetch** [SD00]. **Prefetching** [BL96, KS97a, LY98, LY01, MG91, SMH94, SG99, SD00, HA05]. **Prefix** [HJ01, MP93, San02, AFM03, BS03, Han89, LH04, LS05, LH09]. **Preliminaries** [NBM93]. **preprocessing** [FSZ07]. **Presence** [ADS01, LT96, ISM07, RLH03, SAOKM03]. **Preserving** [NA02, JP09, OMSGNSG05]. **pricing** [GRDB05]. **primary** [AOSM04, BB03]. **primary-backup** [AOSM04]. **prime** [YLB90]. **Primitives** [FAM96]. **Principles** [KAS07, FK89]. **priorities** [BSMH08, KSS⁺07]. **prioritized** [LW89]. **Priority** [BM97, BTZ98, Joh94, JNW96, KB96b, San98, TF92, FC90, HM06, MM07c, ST05]. **priority-based** [MM07c]. **prism** [Ros85]. **privacy** [LZSL06]. **private** [RFPAG08]. **Proactive** [RLH03, HOVC09, SZ09]. **Probabilistic** [CWL⁺07, DM92, MK08b, SU87, ZA05]. **probability** [KNS06]. **probe** [ZFWF06]. **Problem** [AS95, AM93, ASST05, CLRW00, CRFS94, GP00, HH01, HC97, Kau94, KBC⁺01, KLZ97, LF92, NW88, RDL95, TU92, TZ00, WH97, Zia92, AY89, ANP07, BB85a, BSG90, BFG04, BFM06, Bož09, DM90c, EE05, FMM⁺08, GT04, HSSM07, Hsi04, IHM05, Joh89, KS91, LM05, LSS88, LWR⁺03, LYL08, LS91, LH09, MGG03, Ngo06, PMV05, PBS08, SU87, WZ91]. **problem-size-independent** [LH09]. **Problem-Solving** [KBC⁺01, LWR⁺03]. **Problems** [Ano96i, Ano99g, ADS01, BK95, BOS⁺95, BEE00, BGOS95, BMCP98, CB95, DS02, ESMG96, FR96b, FR98, FT94, GL92, KL01a, LSH96, MS94, MP96, MS99b, OR97, RS96b, Ser97, SN93, Ten90, TF01, WM92, WLR90, WHT02, WH08, ATH91, AG86, BGH⁺03, BS03, BBd90, CEGS07, KJD03, LW06a, Lin91, Los08, LGG08, LV88, MPZ09, Nik04]. **procedural** [Kan05].

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process-time [Lo92]. **Processes** [DZ97, VWHL96, BFTV87, MAR05].

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programming-based [KKVI05]. **Programs** [AH94, BB93, BCR96, BLG01, CMT93, CDY97, CGL⁺95, CMS92, DR98, dADB96, ERA95, Fah96, Gup92, GHSJ96, HLJ01, Kar92, KY96, LP97, Lun94, Lun99, Mah95, MI92, QZ94, QH96, RJA97, RW93, SKR93, SG93, SSHC00, SK93, TR96, TG97, YI96, ZN01, ZH99, AY09, Bic90, DeG88, FKLB08, HK08, HS03, LC91a, LC92, McD89, NCT⁺07, Nic07, Pop91, THSS87]. **Progressive** [RGS00, YIY97]. **Project** [FCO90]. **Projection** [AAP01, HSJP87].

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 [GDP08]. **Revisiting** [MR09]. **Reward** [SM92a, CMT92]. **RFID**
 [CRK⁺09, CL09]. **rhombic** [Wil90]. **Riccati** [MV94]. **Rigid** [JBL02, LF03].
Ring [BA95, CMS92, FFK97, Goe94, GH96, HJD⁺01, MBK⁺92, ZB97,
 BG86, MM04, PV89, RKS87, YC04, ZWS09]. **Ringed** [DVZ96]. **Rings**
 [FKSW97, GR96, KY02, KUFM02, LHS97, LSC00, MS94, Man97, YTR94,
 CL91a, FKK⁺04, LC92, LW06b, Sil90, Tsu07, WT09]. **RISC**
 [HC91, LPU97, MSC96]. **RISC-based** [HC91]. **rising** [ORR03]. **RMF**
 [YT05]. **RMI** [CCK⁺08]. **road** [IB04]. **roadway** [XCLR07]. **Robin** [CMS04].
Robust [SSM⁺07, AKSM08, GA90, TZH⁺06]. **robustness** [Par05, SSMS08].
Role [Cha95, Won99]. **Role-Based** [Won99]. **Rollback** [JF95, AAFV04].
Rollbacks [SS93]. **root** [EL91]. **Rosenberg** [Ano00d]. **Rosenfeld** [Ano04r].
ROSS [CBP02]. **Rotation** [HC95, HBH93, Ara90, EL88]. **Round** [CMS04].
route [CDCD05, LPX05a]. **Routed**
 [FF98, NSSS99, RJMC95, RMC97, XMN92, MVM04, SAOKM03, WCC02].
Router [DRSB01, PIB⁺01, MBR08, XYKA08, CCQ⁺06]. **Routers**
 [CP01, CP04b]. **routine** [IBP08]. **Routing**
 [ASH⁺01, AZ01, ABJS01, BLPV95, BPvW96, BP98, BA97, BA01a, BW95b,
 BDF01, BN03, CRV94, CL93, CW01, CL96, CC94, CLT96, CCR94, CS93c,
 CDF01, CG02, Dol97, DG94, EL97, GG01, GHKS98, GO95, GT97, HCWS94,
 HJDH01, IM00, JR92, KLLK98, LS94, LTWY95, LTY96, Li92, LME95,
 LW95, LEB98, MS00, MS94, MW95, MR03, MJ94, NSSS99, NS95, OM90,
 PRW94, Par96, PA97, PA01, PL93, RS94, RS96b, RH05, RO92, RR95a,
 RW97, SJ95, SJ96, SB02, SZB92, TBPV00, WLY01, Wan96, WN94, WLD00,
 YBOY97, PRP09, BSW07, BR91b, BPA06, CI03, CL03a, CS06b, CS08,
 CDCD05, CL90, DMB⁺03, EB09, GAGPK03, GLD06, HNSA07, HL07, JL05,
 KSI04, KMF⁺05, KO90, KT91, KNS06, LPX05a, LS03, LAGK07, LH05,
 MCdS⁺06, MBR08, MVM04, NJ91, OS04]. **routing**
 [OSL05, RD05, RHL08, SLWW05, SK05b, TC04, TT07, VA03, WTB⁺08,
 WGS08, XHG03, XG03, YME06, ZV06, ZMC06, ALF03]. **Routings**
 [WIKC97]. **row** [Mat06]. **row/column** [Mat06]. **rows** [ST87]. **RPC**
 [BF97, VD04, WSG91]. **rRNA** [ZFWF06]. **Rule**
 [KM91, Mir91, Nie94, SWC⁺91, XH91, MCdS⁺06, Oza04]. **Rule-Based**
 [XH91, MCdS⁺06]. **Rule-Firing** [Nie94]. **Rules** [RSD94, SM92b, SWC⁺91].
Run [FBK98, FY97, LPU97, LFA96, MDD97, PM92, SCMB90, GF89,
 SFT04, VWHL96]. **Run-Time**
 [FBK98, FY97, LPU97, LFA96, PM92, SCMB90, GF89]. **Runge** [KR06].

Running [CCM⁺06, FGP05]. **Runs** [Lin93a]. **Runtime**
[Bir94, BJK⁺96, KR97, KPC96, NS97, NsPPC02, PT97, SK91].

S [ASST05, BPJG92]. **S-Nets** [BPJG92]. **Safe** [FM99a, MS98, HV09].
safety [Wu03, XCS06, XCLR07]. **SAGE** [Num09]. **Sampling** [OS96a, SS92].
SAMR [CP05, LTL06]. **SAN** [SM92a]. **SAN-Based** [SM92a]. **sandboxing**
[SFEF06]. **satellite** [TZH⁺06]. **Satisfaction** [GHH92]. **Satisfiability**
[Soh96, Joh89]. **Saturation** [Tze91]. **save** [FKLB08]. **Saving** [DKY01].
Sawchuk [Ano93e]. **Scalability** [AFT⁺00, BCV94, BP01, DVW94, KS91,
KG94, MR94a, QZ94, SSRV94, Sun02, ZYH94, ZFS07, CSW08, KR06, YH07].

Scalable

[AYI97, BMRC99, CSWD03, CSSY94, CAB94, CLV95, CBdCD00, Cou93,
DA97, DD93, DM04, DSW94, DFRCU99, DSD⁺97, DT92, DM94, FR96b,
GH02, HA92, KA03, KP00, KC94, KGV94, LZ02, Li01, LWP02, NKC⁺97,
NRM⁺09, NPY⁺97, PA94, Pra93, SMH94, SN93, Sun02, WPKK94, WW96,
XKMN94, ZMPE00, ZB09, BGM⁺08, CS08, CD95, DS04a, GZ08, GREC91,
HWC08, LHK03, LC07, LB09, MK08a, SSTP09, WJV07, XCZL03, XJS03].

Scalar [VH93]. **ScalaTrace** [NRM⁺09]. **Scale** [ABDS02, BMCP98, FZVT02,
GK93, HHM94, KL84, LK98, OK01, RFM94, VN93, BMB⁺08, BMF05,
KESA07, LYL08, PTZ06, RW02, VM03, WLNLO6, XHY07, ZV09a].

Scaleable [BMRC98]. **Scaling** [SSS07, TBPV00, FKLB08, Num07]. **Scan**
[KB96b]. **scanners** [CCN06]. **scatter** [BM04b, LMR05]. **scattering** [DB86].

scatternet [SLWW05]. **schedule** [KSG03]. **Scheduled** [LB90, HA06].

Scheduler [NPP⁺02, HDJ08, KS03, LB09]. **Scheduler-Activated**

[NPP⁺02]. **schedules** [Dja06, DQR⁺09]. **Scheduling**

[AGF94, ALL99, AMN00, AGG98, AS97, AYIE98, AKPT99, AjHcC90,
BPJG92, BD05, BPN90, Bec96, BCLR96, CDY97, CL91b, CLL09, CJ99a,
DA97, DR95, DDD98, DP99, DS84, DAYA02, DÖ06, DJ98, ERL90, ERA95,
FAGW95, FVLB09, FR92, FR96a, FKS97, Gai90, GR96, GY92, GM99,
HO94, JSCB95, JSWB92, JR95, KS97b, KB96b, KA97, KA99, LPU97, LYC02,
Lun94, MMRS98, Mah95, MSd⁺95, MSSE02, MYD95, Moh97, MSST99,
NSSF99, OH02, PKN08, PAM94, PS93, PM96, QM01, RU99, SCMB90, Ser97,
SH92a, Sta04, SD88b, SYG92, TSC01, TTG95, VB02, VWHL96, WCF94,
WSRM97, WA02, WUG99, YI96, YWD08, dSR00, AL04, AOSM04, AOSM05,
BKS05, BGLA03, BFG04, BFM06, BH05, Cal06, CGW⁺03, CRA⁺08, CJY04,
DBC03, DK08, DUW86, DJT03, FA07, FW05, GDP08, GP05]. **scheduling**
[HDJ08, KA03, KUA07, KVHS07, KDH08, KMP⁺06, KA05, LHK03, LC90a,
Li05, Li06a, Li06b, LL07, LPX05b, Lo92, Mar88, MS86, MAR05, ORR03,
PY09a, PK05a, QJ05, QSL⁺08, QGL⁺09, SV08, SLG06, SCJ⁺08, SWP90,
TG03, Tsu07, VD04, VB08, WJD91, WAE03, WL05, XQ07, ZV06, ZV09b].

Schemas [Arb89, BG90a]. **Scheme**

[BDF01, FY96, JB93, KK98a, LO96, MYD95, OS96a, Wu94, YD98, AOSM05,
CWLD05, EL88, GMXA07, HC09, HOVC09, KVHS07, KRL87, LTB02,
LHF91, NC09, RS08, SZ09, SKMM04, TDC05, WL04, WW04, XYDL06].

Schemes [yCM98, FM99b, GG01, LL95, LS01, SKK97, WRC⁺02, ZLPP01, AAD03, BLPA05, BR91b, CI03, GJXZ05, HSMB91, MM06, TW89]. **Schmidt** [ZLRP91]. **Scientific** [CCRS92, DUSH94, FMW⁺94, GT02, HS94b, KBC⁺01, AOS⁺05, AE88, NTC03, VM03]. **SCO** [WTS03]. **SCP** [VB08]. **SCP-based** [VB08]. **screening** [AT03]. **Scrolling** [Tay05]. **SCSI** [HZY04]. **SCSI-to-IP** [HZY04]. **SCTP** [ZPI06]. **SDEF** [EC89]. **SDSM** [CCM⁺06]. **Seamless** [HR00]. **Search** [BOSW94, BS00, BMCP98, CDRC99, DM95, DM92, EHMN95, Fen90, LYC02, SIR92, BNP02, BP89, CCLS94, GJXZ05, KA05, MSM09, PRHB06, Par89, PVGG06, RHL08, SP08, SHLN09, WGC09, YF09, Zep91, ZH07]. **Searching** [NBP98, NSM98, SH97, BA06, Sch89a]. **Section** [Seb95]. **Sections** [BW96]. **Secure** [BKT95]. **Securing** [SL06]. **Security** [SXZ06, BAK⁺03, LZSL06, LCM⁺06, SFEF06, VA03, XQ07]. **sediment** [CvdBL⁺08]. **Segmentation** [KC99b, MG98, MGG03]. **Segmenting** [TVT96]. **Segments** [RR95b, GC07]. **Seidel** [HO94]. **Selecting** [SSG93, KERUM04]. **Selection** [JK00, LK96, PT01, Raj96, RW97, RCY97, Raj01, SH97, SB02, VS99, WSA⁺94, WRC⁺02, Bad04, EDÖ05, RH05, RAB08, RD05, SSS88]. **selection-based** [EDÖ05]. **selections** [JW89]. **selective** [XYG07]. **Self** [Ano02u, AS96, ABZ95, BGJDL02, Bec96, BBCD02, BAGS95, CW05, CT04, DB08, Dol97, GH02, GS03b, HPT07, HPT02, HNM02, KY02, MM07a, NM02, PK05c, SZB92, SEP96, BFG⁺03, BR91b, BFKP04, BZH06, CRA⁺08, KO90, MC91, NJ91, SLWW05]. **self-adjusting** [MC91]. **Self-Allocating** [SEP96]. **Self-organization** [CT04]. **self-organizing** [BFKP04, BZH06]. **Self-reproducible** [PK05c]. **Self-Routing** [SZB92, BR91b, KO90, NJ91, SLWW05]. **Self-Scheduling** [Bec96, CRA⁺08]. **Self-Simulation** [BAGS95]. **Self-Sorting** [ABZ95]. **Self-Stabilization** [GH02, HPT02]. **Self-Stabilizing** [Ano02u, AS96, BGJDL02, BBCD02, Dol97, HNM02, KY02, NM02, CW05, DB08, GS03b, MM07a, BFG⁺03]. **Self-tuning** [HPT07]. **selfish** [WGS08]. **Semantic** [FKJG08, RHL08, CM93, LR05, ZH07]. **Semantics** [JK89, HK05]. **Semi** [DS04b, XZS96, KMS⁺06]. **Semi-empirical** [XZS96]. **Semi-passive** [DS04b]. **semi-static** [KMS⁺06]. **Semiconductor** [DM90a]. **Semidirect** [WLD00]. **semifast** [GNS09]. **Sensed** [DSAUM99]. **sensing** [HP06]. **Sensitive** [VR95, Ano04d, CP05, GS03a, GC07, PFJ04, YK04]. **Sensitivity** [HJ90a]. **Sensor** [KSI04, STN92, ASM09, BXA08, BPA06, BZLI04, CKN07, CDR09a, CDR09b, CT04, DW06, DFP06b, DH04, GDP08, GCY⁺04, H MV07, HP06, IB04, KKVI05, KOA09, LLW07, LHP07, MSM09, MK08b, NC09, OMSGNSG05, PFJ04, PLR07, PB09, SS08, TBHA07, TDC05, WW07, WMW09, XCLR07, XQ04, ZC04, OEY07]. **Sensor-centric** [KSI04]. **sensorial** [VO89]. **sensors** [BFKP04, Cal06]. **Sequence** [JP09, Zak01, AFM03, BBM08, BW09, BMARM07, FCS91, JV09, PTZ06, TMM06]. **Sequence-preserving** [JP09]. **sequencer** [BCM06]. **sequencer-based** [BCM06]. **sequencers** [CHC05]. **Sequences**

[Swa98, TR96, CJ07, LVB07, SK09, Sei05]. **sequencing** [CRL04].
Sequential [KF95b, BFTV87, Fen90]. **sequentially** [HK08]. **Serial**
[EMMM94, MT97b, BOI91, CR91, CL90, SD88a, SI91]. **serial-data** [SD88a].
Serializable [Sch91]. **Series** [CA95a]. **Series-Parallel** [CA95a]. **Server**
[ALL99, AYI97, CM92, GM99, HBCM99, JSCB95, RU99, HC09, OS04, PM05,
TBZB05, WLWW09, ZI08]. **Servers** [FM99b, Bar05, BPRG04, CSWD03,
KCD08, PSPR05, Wan06, WDDK09, ZWL03]. **Service**
[CTT08, JRR99, LAZC00, RGVB00, DB08, HOE⁺09, KMMZ06, LC07, NP09,
PY09b, SFEF06, WS06, Yan09, ZI08]. **service-aggregate** [Yan09].
Service-oriented [CTT08, SFEF06]. **Services**
[ZR00, AK06, AM07, LCC⁺05, XJS03, YWD08]. **sessions** [TK07]. **Set**
[Als01, BCD95, DM92, KF95a, KSA95, KHS96, RDL95, BD05, CC87, DW06,
Gro85, HJ07, Lon04, Nic07, SZW05, WCWH03, WCKD06, ASST05].
Set-Based [BCD95]. **set-distributions** [Nic07]. **Sets**
[AAP01, CGL⁺95, EP90, GT97, Pov99, Lon04, MP08, PK07]. **Several**
[CP92]. **ShadowObjects** [JRR99]. **shallow** [CvdBL⁺08]. **share** [PVGG06].
share-nothing [PVGG06]. **Shared**
[AGW98, AGW01, AD95, BS96a, BJS03, CP91, DS95a, DH95, GDN⁺98,
HV95, HS00, HPT02, HTL99, HA92, JF95, KRC00, KS97a, Kel00, KC94,
KY96, LK98, LA93, LT94, Lu01, MF94, MS98, MG91, MSST99, PY96, RL96,
RJY96, SDS99, SC91b, TJ92, TTG95, TY95, Wil92, YW91, YMR93, YL98,
Zak01, AL04, BC06, Car95, CCM⁺06, DI91, FZC⁺05, LHT08, NSTN91,
OC07, Pad91, PY09b, PK05b, RFPAG08, SM04, TK07, WL92].
Shared-Memory
[BS96a, CP91, DS95a, HA92, KS97a, LK98, MF94, MG91, SDS99, TTG95,
YW91, YL98, Zak01, BC06, DI91, FZC⁺05, NSTN91, PK05b, RFPAG08].
Shared-Nothing [LT94]. **Shared-Noting** [HTL99]. **Sharing**
[CS93a, DY99, HS97, HF96, Cho90, IS06, KUA07, KG04, LY91, MTS90,
SU87, TBZB05, WTS03, XCZL03]. **Shear** [SSM89]. **Shear-sort** [SSM89].
shelf [PF08, ZB09]. **Shifts** [OP96]. **shop** [Bož09]. **Short** [ESTA94, KLC05].
Shortest
[BGR96, HTB98, IZ95, KC99b, TU92, TZ00, ATH91, KS91, YME06].
shortest-path [KS91, YME06]. **shrew** [CH06b]. **SHRIMP** [BF97]. **Shuffle**
[BAES92, JH92b, Pad93, PA97, JT88, Var91]. **Shuffle-Based** [Pad93, PA97].
Shuffles [Ano93e, CS93b, CS92]. **side** [CK88, HA05, TC04, XCH08]. **Sided**
[ZB97]. **SIEVE** [SG93]. **Signal** [RTCG91, SH90, THBF97, WW07, XQ04].
Signal-processing [RTCG91]. **Silence** [DKY01, FJ93]. **Silicon** [THN⁺93].
SIMD
[AB93, BAES92, Che05, CP94, CD95, FAGW95, GGW96, GSWW04, HCS⁺00,
HCZ04, Ho91, IK93, IKS87, JMS86, KNS91, KLS90, LWOOG02, ML89, NT93,
Nas94, RS96a, RS90b, SI91, Ume85, WSA⁺94, WLR90, ZLRP91].
SIMD/SPMD [WSA⁺94]. **Simple** [BW96, GPS96, GB93, GS99, KW02,
LW06a, PL94, TZ00, Koc91, MRRT07, MC03, BJ99]. **Simplex** [Shu95].
Simulated

[Bev02, BH86, HB97, HC91, RSS96, Soh96, XH91, AH06, BG89, GE85, Ume85].
Simulating [DS02, DN94, LC90b, eW95, WCKD06]. **Simulation**
 [ABDS02, Ano92c, Ano02v, AS91, AB93, BAGS95, Bou02, Cha96, DMSH90,
 DS93, EH01a, GGN93, JH92a, KZ96, LZ02, Lin93b, Lin93c, LA93, LLCC02,
 MHF93, MRR⁺02, NH93, Pra93, RSD94, RS92d, SMR96, SH92b, SSRV94,
 SS93, The02, ZL93, BM04a, BD04, BAL05, BMF05, CvdBL⁺08, CTCX08,
 FGM⁺03, GRR⁺05, HDT⁺05, Koc91, LVR90, Mat06, QS05, RW02,
 WBTM09, WF89, ZZ90, ZCK⁺02]. **Simulation-Based** [RSD94, SSRV94].
Simulations [ASR93, Ger98, GM94b, HP95, KP00, LHM95, NM95, PAH⁺98,
 RPS93, FII04, LTL06, SDG08, SM04]. **simulative** [HW03]. **Simultaneous**
 [CW93, ABC⁺09a, BPRG04, Che90, FC90, MR09, PTZ06, SLG06]. **Singhal**
 [Ano96]. **Single** [ALL99, JBP00, MWL00, TZ00]. **Single-Source** [TZ00].
Single-System-Image [MWL00]. **Singular** [Bai94, HBH93, PE93, Luk85].
Sisal [FCO90, PAM94]. **Site** [MFS96, LFH⁺03]. **situation** [LR03b]. **sixth**
 [Arb89]. **Size** [COS⁺95, CLT96, CVJ09, GSWW04, LH09, NW88, OS04].
sizes [GPT06b]. **Skeletons** [GSP02, Ski96, BR08]. **Skew** [SYG92]. **skewing**
 [TW89]. **SLA** [ATZ07, AM06]. **slack** [FKLB08]. **Slant** [ESTA94]. **slave**
 [LZ05, YH07]. **sliced** [KRL87]. **Sliding** [OS98]. **Slotted** [HQPT99, MSST99].
Small [CDH84, LH04, MSZ05]. **small-world** [MSZ05]. **Smaller** [HH01].
Smallest [Wu02]. **Smart** [HPT⁺97, MKC01, CkLCK04, CkLCK05].
Smoothed [JK00, PAH⁺98]. **smoothing** [HT06]. **SMP**
 [Bev02, FGP05, KA03]. **SMPs** [BJ99, BC05, BJS03, FW05, HLCZ00]. **SMT**
 [ABC⁺09b]. **SMT-based** [ABC⁺09b]. **snap** [PV07, MT85].
snap-stabilizing [PV07]. **Snapshots** [Mat93]. **Snooping** [Dah99]. **social**
 [SK89b]. **socket** [MAJJ05]. **soft** [AOSM05]. **Software**
 [AL99, CR96, CHR94, CLRW00, GS00, Gro85, HS94b, KCDZ95, Kel00,
 KB01, KS95, MLC⁺90, MG91, NT90, SG99, San95, SZ00a, TY90a, VSM96,
 XKMN94, ABC⁺09a, CMT92, DHS06, KG04, LZSL06, SCC⁺06, SMH91].
Software-Based [KCDZ95]. **Software-Controlled** [MG91].
Software-Only [GS00]. **Solaris** [Lun99]. **Solution** [DM90a, FLS⁺97, LF92,
 OH02, PW96, RW01, AY89, ANP07, Bat05, GS91b, LYL08, WZ91].
Solutions [Ano99g, CLRW00, RS96b, AG86, BAH04, LZ08]. **Solver**
 [BMM97, CSSY94, BAMM05, CK91, GV86, Gao86, KKB⁺06, MP87].
Solvers [CHR94, CP94, MS99a, TF01, KR06]. **Solving** [BCZ95, Boz09,
 BMCP98, Car90, CRFS94, GL92, IK94, KL01a, KBC⁺01, Mon94, PMV05,
 QOvdG01, WM92, WLR90, WH97, CM03, GGR89, GT04, LWR⁺03, PF91].
Some [BDKM94, DKMV01, IPK85, KAM94, Oru94, Par98, SI86, SZ03,
 ZHO03, AG86, BS03, BDjQ86]. **SoMR** [CS08]. **Song** [Ano97k]. **Sort**
 [LJKS02, Tay02, SSM89]. **Sort-Last** [Tay02]. **Sorted** [SH97]. **Sorters**
 [BNP98]. **Sorting** [ABZ95, CQ95, DL98, FKK⁺04, FY96, HQPT99, HBJ98,
 JP95, Lee94, Lin93a, MP93, NS94, OS96a, RW97, SCC92, SS92, SM00, VN93,
 WRC⁺02, Che89, FCS91, MS88, PB90, SSM89, Sei05, SA08, Ull84, ZFL89].
Sorts [ZAW94, SI86]. **SOS** [PP92]. **Sound** [DKY01]. **Source**
 [AY09, TZ00, LPX05a]. **sources** [Lon04]. **SP** [ASH⁺01]. **SP1** [BR95b].

Space

[BW96, BH93, DY99, GG01, GW99, GRS97, KM97, KY96, LZ02, NC97, RP98, SH98, WA02, WS97a, ACFK07, BBM08, Dja04, HV09, KA05, MSM09, MSS00]. **Space-Based** [LZ02]. **Space-Efficiency** [GG01]. **space-optimal** [Dja04]. **space-optimality** [HV09]. **Space-Time** [WA02]. **Spaces** [RS92a]. **Spanners** [RL95]. **Spanning** [FA95, KC98, KC99b, WB01, BFG⁺03, BC05, BC06, BBL04, tH90, LVP08, Lin03, OMSGNSG05, TDM05]. **Sparse** [Bas97, BW95a, KK98b, Man94, MSC96, NFEG97, Shu95, UZSS96, Win85, AAD05, ANP07, BC06, She06]. **Spatial** [GSG⁺93, NPY⁺97, CCHC09, MLG05, NAK04]. **Spatial-Temporal** [GSG⁺93]. **Spatially** [DS02]. **SPEAR** [RG06]. **Special** [AP93, AL99, AB03b, Ano95i, Ano95j, Ano96j, Ano96i, Ano97j, Ano99g, Ano01e, Ano02v, BOP06, BG90b, BD00, BS09, Chi92, CDJL09, DOP98, Dek00, DT92, ES97, FR98, GC95, GS01a, Gra09, Irw88, IB04, JW94, KL08b, KRS01, Lan09, Lin93b, Mir91, NT90, Ola01, PN97a, PN97b, PA96, Raj08, Sch90, SXZ06, SH92a, SB97, Sto90, TY95, Wee01, XJS03, YW91, ZO97, dVCP06, KL08a, WW03]. **Specialized** [QOvdG01]. **Speciating** [GB06]. **Specification** [PP92, SK93, SS94b]. **Specification** [AS00, BR95a, BN94, RSW90]. **Specifications** [LSCA93, BCM06]. **Spectral** [SANY94, SSB98, AT03, CH06b]. **spectral-screening** [AT03]. **Speculative** [RG06, MG09]. **Speed** [BBH⁺97, Fer95, PVG09, SR91, WCYR08, HP97a]. **Speedup** [AMB95, DBP94, FFK97, Lun99, SN93, YH07, NW88, SC91a]. **speedups** [Vis87]. **spikes** [ST08a]. **spin** [AK07]. **Spinning** [BHK⁺94]. **Spite** [VR94, DB08]. **Spline** [CWW⁺95, CY96, GM95, Meg91]. **split** [WCWH03]. **split-stars** [WCWH03]. **splitting** [PVG06, WSH⁺03]. **SPMD** [Gup92, OKB95, RW93, WSA⁺94]. **spoofing** [KMMZ06]. **Spot** [LKK94, TY90a]. **spots** [LK90]. **square** [BB85b, EL91, LTW⁺90, XBK07]. **squared** [RIZ90]. **Squares** [CB95, ZYO02, BBd90, HLS03, KAP90, LTW⁺90, SMKL93]. **Squashed** [BG90a]. **Squid** [SP08]. **SRAM** [JP09]. **SRAM-based** [JP09]. **Stability** [Wor93, KMS07]. **Stabilization** [CG02, GH02, HPT02, NA02]. **Stabilization-Preserving** [NA02]. **Stabilizer** [AD02]. **Stabilizing** [Ano02u, AS96, BGJDL02, BBCD02, Dol97, GH96, HNM02, KY02, Kar02, NM02, BFG⁺03, CW05, DB08, GS03b, MM07a, PV07]. **stable** [AMK⁺07]. **Stack** [PVG06, CS06b]. **Stage** [FT94, SZ00b, HDJ08]. **staging** [EDÖ05]. **Staircase** [Mck94]. **stalling** [BHPP05]. **Standard** [CB99, PF08]. **Star** [FA95, KAM94, Lat95, LK94, MJ94, OS97, OS93, PRW94, RW97, RWY93, RLS96, SAOKMA02, dBL95, AAD03, CM03, DFP06a, FMM⁺08, PK04b, SS05, WCC02]. **star-access** [DFP06a]. **Star-Connected** [dBL95]. **Stardust** [CP97]. **Stars** [MR03, WCWH03]. **State** [HB97, HNM02, KM92, NC97, CWLD05, KA05, LMR05, LW06b, MSM09, WCO⁺09]. **state-of-the-art** [WCO⁺09]. **State-Space** [NC97, MSM09]. **Statement** [AMB95, DR95, ALS91]. **Statements** [KHS96, SOG94]. **States** [Kop97, TG97, FZ90]. **Static** [AKSM08, BPN90, BSB⁺01, BSMH08, CC91,

ERA95, GF89, LC90a, LK94, LA04, MSd⁺95, OD95b, SSM⁺06, DK08, KA08, KMS⁺06, McD89, SSMS08, SWP90, SSM⁺07]. **Statically** [LB90, Mat06]. **station** [GPT06a, RBD08]. **Stations** [DKMV01, DDNS06]. **statistics** [GA90]. **steady** [LMR05]. **steady-state** [LMR05]. **Stealing** [Ano00d, LS97, Ros99]. **Stein** [QOvdG01]. **Step** [CW00, Yan04]. **steroids** [Bar05]. **sticker** [GPX08]. **Sticky** [Kop97]. **STICS** [HZY04]. **Stigmergic** [PR06]. **Stochastic** [CTD99, FX06, HPT⁺97, JSS92, QZ94, RS92d, SSMS08, CMT92, MM06, MS86]. **Stopping** [BSS99]. **Storage** [CLV95, HLL⁺95, LL95, BL05, BCK⁺09, CGG⁺09, HZY04, HK04, XCLR07, ZV09a]. **Store** [CP90, NS95, VA07]. **Store-and-Forward** [NS95]. **straight** [GC07, Wri91].

Strategies
 [AM07, BDjQ86, BHK⁺94, BCR96, CP92, CGA98, DL01, FF98, GJG88, GM99, LK98, LHM95, Lun94, MS99a, OP98, SMH94, VB02, VA03, YB95, YL98, Zhu92, ZM94b, BMARM07, DM94, GRV08, MVB05, PP06, RAB08].

Strategy
 [CS00, GMM00, HHC98, KBC⁺01, PAM94, RS92b, ASD09, BBM08, GRDB05, GLD06, Hsi04, LY91, LL07, LVP07, Ngo06, SK09, WCC02, ZV06].

Stream [HPT⁺97, ARM⁺05, CK08, EÍ07]. **stream-based** [ARM⁺05]. **streaming** [HK05, XYDL06]. **Streams** [MM93, WUG99, LVP07, LY08]. **Stretch** [GG01]. **String** [BL94, RS90b, Kri91, MM07b]. **strings** [SCS⁺08]. **Striping** [CT93]. **Strongly** [SZB92, MHPR05]. **Structural** [AGG98, SM92b]. **Structure** [DL99, FMP98, MNB95, PL98, Tze93, BB85a, CZ90, FGZ03, GV86, HK05, Lis90, MJ03, MSZ05, Par89, YC04].

structure-aware [HK05]. **Structured**
 [BE95, FBK98, KB01, Lun94, MRRV98, MNM98, WM92, CWLD05, FJG06, FKJG08, GA90, GWH06, IKS87, SZ09, WXZ05]. **Structures**
 [Ano96j, ADM⁺94, CCRS92, DOP98, DRC90, Gup92, SIR92, ZM94a, FCG04, GZ08, HA05, LJ86, NCT⁺07]. **stub** [WSG91]. **Studies**
 [GT02, HCAA93, SCB08]. **Study** [AAD02, BJ96, BA01b, BS96b, BS96c, Cha96, GK98, Hag97, HPT⁺97, HBJ98, MS99a, NBP98, Oru94, QM01, RSD94, SSG93, SSRV94, WNA⁺94, WLR90, YMR93, AP91b, Bad04, CBM⁺08, CCK⁺08, CT94, DI91, GRR⁺05, HJ90a, HA91, LPX05a, TB90].

Style [SS00]. **subclasses** [CP04a]. **Subcubes** [SR95]. **subdomain** [CEGS07]. **submachine** [FPP06]. **Submesh** [SP96]. **Subsequence** [MS99b]. **substitution** [GPX08]. **Substrate** [KMKD97]. **Substring** [CB96]. **Subsystem** [GGD93]. **subtasks** [SSM⁺06]. **Subtree** [DP00]. **succinct** [BHR91]. **Sufficient** [SJ96, AjHcC90]. **Suffix** [DP98, CS06a, GZ08]. **suitable** [PGS06]. **Suited** [PRS97, GS91b]. **summary** [Rob09]. **summation** [IHM05]. **Summing** [San02]. **sums** [HLS03]. **Super** [WLY01, SAOKZ05a, SAOKZ05b]. **super-** [SAOKZ05a, SAOKZ05b]. **Supercomputer** [CB02, GHS86, Ull84]. **Supercomputers** [AP93, CRV94, CP94, LF03]. **Supercomputing** [Ano96i, FR98, HRC09]. **superconcentration** [JL05]. **Superconcurrent** [NRS95]. **supercube** [SSB91]. **SuperNode** [AT94]. **Superscalar** [LPU97]. **Superstabilizing** [KUFM02]. **Supertoroidal** [DF95]. **supervision** [BPA06].

Support [AL99, AH94, CP99, FBK98, KR97, KC99a, LTH97, LFH⁺03, MBL⁺92, NS97, PL95, RPS93, TF92, BAL05, CCQ⁺06, CCC⁺04, CCK⁺08, JBY⁺05, RR05, SK91, SAB⁺92, TYH09, ZWRI07]. **Supporting** [HA06, Sto87, WLNL06, BSW07, SKMM04]. **Surface** [CWW⁺95, CY96]. **surrogate** [UAPM07]. **Survey** [BCH95a, GHKS98]. **Survivable** [HWWH08]. **suspect** [XYG07]. **SVD** [CL88, RS08, ZB97]. **swap** [FPP⁺08]. **Swapped** [Par05, ZXP09]. **Sweep** [GGN93, DMCFCM03, KMP⁺06]. **Switch** [ASH⁺01, OK01, PD92, CL90, LHKL03, WLWW09]. **switch-based** [LHKL03, WLWW09]. **Switchable** [SB84]. **Switched** [CCR94, CS93c, GGN93, LK96, WB01, EB09, KYL05, Nap90, PYP08]. **Switches** [KJ84, PL93, TF92, MG09, PY09a, PY09b]. **Switching** [DRSB01, GB93, Guo94, LYL93, OY00, ST02, BMIM07, PL06, ST06]. **Symbolic** [YI96, CJY04]. **Symmetric** [BJ99, DHB02, DZDZ01, HOE⁺09, HJ01, Kau94, Oru87, BC05, BW08, BB85b, EM89, KA03, VGAB08]. **Symmetrical** [IM94, QY94]. **Symmetry** [Kel00, HT90, MJ03]. **Symposium** [Wee01, Ros07, Sni03]. **SYN** [XCH08]. **Synapse** [Ram92]. **Synchronization** [ASB97, AGW98, ABP92, AH94, BA96, Cha95, FR92, GVA⁺08, JLRA97, MRRV98, OKB95, PB95, RL96, RSS99, The02, WUG99, XMN92, CRA⁺08, FZC⁺05, HMBW07, HA06, LA06, PB09, TG04]. **synchronized** [JS86]. **Synchronizing** [DKMV01]. **Synchronous** [BCV05, CS95c, GV94, NSLK99, OY00, SKR93, Sch91, Soh96, FXW03, PK05a, WTC08a, WTC08b]. **synchronously** [SP90]. **Synthesis** [HLJ01, Lis90, PP92, HDT⁺05, KKB⁺06]. **Synthesize** [HLJ98]. **Synthesizes** [Ram92]. **Synthesizing** [SL89, Che86]. **Synthetic** [Pop91]. **Sysplex** [NKC⁺97]. **System** [BK95, BBD⁺91, BA01a, Bev02, BMM97, BJK⁺96, CP92, CP99, DHR96, DSD⁺97, DH95, DT92, FPD93, GH90, HBCM99, HCS⁺00, HLL⁺95, Kav93, KMB91, LP96b, Lu01, MWL00, MKY⁺97, MBL⁺92, MO97, MS96, NKC⁺97, NsPPC02, SEP96, SG96, Tse95, UR94, wXH00, ZMPE00, dR09, ABC⁺88, AMK⁺07, BL05, BCK⁺09, BMF05, BPP05, CBP02, Car95, CSW08, CCEB03, CDJ⁺89, CK91, DS04a, DI91, DB86, EC89, Fer90, HJ90a, HM06, JW89, KCD08, KMF⁺05, KC04, LFH⁺03, LC91b, MM07a, MK08a, MC03, NAK04, NTC03, OEY07, PKN08, PK05b, SC04, SK91, SSL04, SM86, VD04, Wan06, WS06, YLB90, ZV09a, ZMC06, ZJ06, HCAA93]. **System-Level** [Kav93]. **Systematic** [IAS⁺92, KK95, LB89, WAS88]. **Systems** [ASH⁺01, AM97a, AM97b, AMN00, Ano92c, Ano02u, ADS98, Bah00, BBM⁺02, BBR94, BPR99, BW95b, Bou02, BN02, BSB⁺01, BS96b, BS96c, Cas93, CS93a, Cha94, CKK00, CY95, CK97, Cho93, CBdCD00, DSST95, DA97, DS96, DSW94, DAYA02, DG94, EMP⁺96, FGKT97, FTC00, GCKM97, GM99, GRR93, GK93, GMM00, HKT⁺91, HNM02, HILLY95, HTL99, HM99, IM94, IK94, ISZBM99, JR95, JH92a, JF95, JSM94, JRR99, KS97a, KBC⁺01, KCV99, KE93, KS93, KM91, KM92, LH92, LF92, LT94, MMRS98, MAS⁺99, MT95, MMVR97, MM93, MRR⁺02, MC93, Mir91, NSS97, NMS93, Nie94, NDZA99, OM84, PA96, PB99, PT01, Pov99, PP92, QY94, Raj01, RDS02, RAS96, SM94, Sch91, Ser97, SL95, SRGB90, SSRV94, Sun02, THN⁺93, TH02,

TY95, Wil92, WF93, WF96, WUG99, XH91, YH97, ZR00]. **Systems** [Zia92, ZM94b, van96, AL04, AOSM04, AOSM05, AFM09, AF06, AH06, BMB⁺08, BB03, BW09, BRP03, BJS03, BK08, BS92, BD04, BPW05, CWLD05, CRK⁺09, CF88, Car90, CCS06, CVJ09, CGW⁺03, CI86, DK08, DFP06a, DGFGK05, DM04, DM90c, DQR⁺09, DÖ06, DW04, DH91b, FJC04, GL89, GNT04, Gos90, GS91b, GWWL94, GC05, GBMZ07, GF89, HRC09, Hal05, HC09, HOE⁺09, HCZ04, HS86, HA06, HP06, HA91, HA05, IS06, JSWB92, JMS86, JLM08, KME89, KUA07, KAS07, KL05, KMS⁺06, Lai86, LTB02, LTL06, Lan09, LLL06, Lee90, LHF91, LHK03, LJ05, LZCY09, LZ05, LC90a, Li06b, LVP07, LW89, LCM⁺06, LLS07, LM09, MS86, MTS90, MFVP08, MBH⁺08, OS04, PMV05, PMV06, PRHB06, PTA08, PF91, RLH03, RN04, SDTD04, SP08, SYU07, SS08, SCB09, SU87, She09, SCS⁺08, SXZ06]. **systems** [SHLN09, SY04, SCJ⁺08, ST05, TW89, TRSS06, TB90, UAKI06, WXZ05, WTC08a, WTC08b, WDDK09, WSG91, XHY07, XQ07, Yan04, YL89, ZZ90, ZFS07, ZV09b, Zim90, dG91]. **Systolic** [AMS94, BPST96, BMM97, BL90, CDR90, GE94, IPK85, KL84, LJ86, MM00, Meg91, MV94, MT97b, Ram92, TY90b, Tse90, Win85, WD92, CL85, Dja06, EL91, KT89, KH89, LB89, Lis90, MP88, PS88, Sch89b, ST87, ST89, THSS87, Ume85, WAS88, Zim90].

tables [ASD09, HKW05]. **tag** [CRK⁺09]. **Tagging** [GHH92]. **Taking** [CL03b]. **TAM** [CGSV93]. **Target** [ERL90, WW07, YCC05]. **target-driven** [YCC05]. **targets** [BFKP04]. **Task** [AKPT99, AH06, CDY97, DA97, DDD98, DAYA02, DL99, DRST02, ERS90, FKKC97, FY97, HBCM99, HKT⁺91, KLZ97, KA97, KA99, LL98, MSSE02, Moh97, SdS97, SZ00b, SCJ⁺08, SS94a, SV00, SBKB90, SYG92, UAKI06, UR94, VS99, WSRM97, YCY⁺00, BKS05, BD05, Bat05, DK08, DÖ06, KA05, LLL06, MCC04, PK05a, SWP90]. **Task-Level** [HKT⁺91, SBKB90]. **tasking** [Lun90]. **Tasks** [ABM⁺92, BSB⁺01, DJ98, ERL90, Hag97, Lat95, LWY97, MAS⁺99, MMVR97, NMS93, PS93, RDS02, Sin87, AOSM05, BH05, BSMH08, CDJ⁺89, IKS87, KUA07, KSS⁺07, KMS⁺06, LHK03, Li06a, Li06b, LB09, LLS07, PK05a, RR05, SSM⁺07, ZV09b]. **Taxonomy** [HM96, Sin93]. **TDFL** [SBKB90]. **TDM** [LLJ00b]. **Technical** [Ano93a]. **Technique** [BN94, CLV95, DAYA02, Fer95, KBG92, PM96, ZLPP01, CX05, DeG88, EE05, Nic88, PVGG06]. **Techniques** [ADM⁺94, CS95b, Dah99, ELS94, FY97, Gil94, GS00, HILLY95, HTL99, JSCB95, KGV94, NPY⁺97, PA96, PYF08, RSS99, Tay02, UZSS96, AOSM04, CDB04, CDR09a, CD95, FM85, Gao89, GRR⁺05, KA08, LP88, Pla08, Raj08, RG87, SFEF06, TZ07]. **Technology** [Ano02v, ER97, GC95, MKY⁺97, MRR⁺02, OB88, TMM06]. **Telegraphs** [KMKD97]. **Telemedicine** [CY99]. **Telescience** [PLL⁺03]. **Telescoping** [KBC⁺01]. **template** [RS90a]. **Templates** [ADS98, DP00]. **Temporal** [GSG⁺93, Lo92, RJA97, VWHL96, BKS91]. **temporary** [Wan06]. **Ten** [TAS⁺01, KA08]. **Terabit** [SH98]. **Terminal** [HHC98]. **Terminating** [Lin93c]. **Termination** [ASR93, CW93, HTB98, KHK03, Lai86, Ric98, Tse95,

BFTV87, CV90, Eri88, MD07, MFVP08]. **ternary** [GNW03]. **Test** [GRS97, PKK91, Soh96, WW97, DWHL87]. **test-and-treatment** [DWHL87]. **testbed** [LBE03]. **testbeds** [VPHML06]. **Testing** [CY95, GFB⁺92, GS99, KW02, WG93]. **tests** [Psa96]. **Their** [Kop97, BM08, SI86, TDM05]. **Themes** [RCY97]. **Theoretic** [ABJS01]. **Theoretical** [HC97]. **Theory** [CC08, DM90a, PTA08, VBM90, BDjQ86, BM08, GRDB05, Zim90]. **thin** [ST08a]. **thread** [SLG06, ST05]. **Threaded** [NS97, Kep03, CGSV93]. **threading** [Ngo06]. **Threads** [GSC96, LFA96, SEP96, TG99, DKRI09, PL03b]. **threats** [SFEF06]. **Three** [FCG04, FLS⁺97, FT94, GG01, GH96, KR98, NEG85, PD92, SSG93, SSOB02, YMR93, LW06b, ZFS07]. **Three-Dimensional** [FLS⁺97, KR98, NEG85, FCG04]. **Three-Stage** [FT94]. **three-state** [LW06b]. **Threshold** [CGA98, PAM94, Nik04]. **Threshold-Based** [CGA98]. **throttle** [XCH08]. **Through-Wafer** [MLW⁺97]. **Throughput** [FM99b, HWC08, JSS92, BSW07, LMR05]. **Throughput-coverage** [HWC08]. **Throwing** [Tse95]. **Tight** [BBH⁺98, FSZ07, Mat06, CH06a]. **Tiling** [AR97, CWW96, RS92a, Xue97, KSG03]. **Time** [AAL95, AK93, Ano92c, ADS01, BPJG92, BBM⁺02, BA96, BM04a, BOSW94, BH93, BGOS95, BTZ98, BA01b, CW00, CS93a, Cha94, COS⁺95, DP98, DS01, DJ98, DD95, EL97, EMP⁺96, Fah96, FBK98, FY97, GS99, GMM00, HA92, JR95, JH92a, KF95b, KS97b, KEA95, LTWY95, LTY96, LPU97, LVR90, LM96, LAS⁺97, LFA96, MMRS98, MT95, MMVR97, Mat93, MDD97, Moh97, MSST99, MS99b, Nas94, NIR86, NH93, NP09, OY00, OOW95, OS96b, OSZ98, PW96, Pel90, Pel95, PS93, PM96, PM92, QMCL94, RDS02, RU99, RAS96, Ric98, SCMB90, STN92, Sun02, THBF97, TVS97, WBTM09, WA02, WS97a, WLID02, ZLPP01, Zim96, van96, AOSM04, AOSM05, BNP02, BPP05, CH06a, CLL09, CLR90, CCN06, DHK04, EDÖ05, FKLB08, Gos90, GF89, GREC91, HOVC09, HA06, HL07, KRL87, KSG03]. **time** [LHK03, Lee03, LZCY09, Lis90, Lo92, MAM05, NA06, QJ05, RLH03, SI86, TBZB05, TZH⁺06, VWHL96, VA07, Wan07, WTC08a, WTC08b, WL05, XO05, ACD⁺93, CBP02, CX05]. **Time-bounded** [NP09]. **Time-Division** [QMCL94, ZLPP01]. **Time-Efficient** [EL97, MS99b]. **Time-Optimal** [BOSW94, OS96b, OSZ98, Pel90, Lis90]. **Time-parallel** [WBTM09]. **time-sliced** [KRL87]. **Time-Step** [CW00]. **Time-Varying** [KEA95]. **Timed** [NM95]. **timeliness** [ISM07]. **times** [SFT04]. **timestamps** [MS02]. **Timing** [ADS01, BSS99, CB99, Kar92, FVLB09, ISM07]. **Timing-Driven** [CB99]. **TInMANN** [VM95]. **Title** [Ano98l, Ano99h, Ano00c, Ano01h, Ano01i, Ano02d, Ano03b, Ano04a]. **Tlib** [RR05]. **Toeplitz** [BBd90, HM99, VGAB08]. **Together** [WLID02]. **Token** [AE95, BGJDL02, CP90, FFK97, GH96, HP00, YZY96, HSW04, PV07]. **Token-Based** [AE95, BGJDL02, HP00]. **Token-Chasing** [YZY96]. **Tokens** [SA93]. **Tolerance** [BSS97, Piu01, PM92, mYyF92, BDDL09, CWL⁺07, CDR09a, LCC⁺05, LH05, LP88, Pak89]. **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, AOSM05, BB87, BXA08, BPA06, BPP05, CL91a, CKN07, CDR09b, CMT92, CMS04, DH91b, FLPJ07, GNS09, LGG08, PR06, PL06, XCS06, mYA91, ZV09b, ZJ06]. **Tolerate** [VR95]. **Tolerating** [DT02, GS00, MG91]. **tomography** [FCG04, FGG08, PLL⁺03]. **Tool** [BN94, DBKF90, ZNQ93, KKVI05, PF04, TD07]. **Tools** [Bal90, Cas93, MLC⁺90, MSH90, NT90, MC03, YT05]. **Top** [Sch89b, TAS⁺01]. **Top-down** [Sch89b]. **topography** [SK05a]. **topography-aware** [SK05a]. **Topological** [DC94, Par05, YN92, PL06]. **Topologies** [YZY96, YMG01, SL89]. **Topology** [CCM92, DS96, Seb95, WLY01, AP91b, DB08, GL90, LCW05, Seb91]. **TOPSYS** [BB93]. **Tori** [LHS97, MT93a, Man97, AB03a, GLD06]. **Tornado** [HK04]. **toroidal** [AB05]. **Torus** [CT96, RMC97, WB01, YMG01, RH05]. **Total** [CW00, CHC05, BCM06, BG05, Dim04, SL89]. **TPC** [DZDZ01]. **TPC-C** [DZDZ01]. **traces** [NRM⁺09]. **Tracing** [RGS00, CDB04]. **Track** [MD01]. **Tracking** [BFKP04, WW07]. **Trade** [BCLR96, GK98, LPU97, CLR90]. **Trade-Off** [BCLR96, GK98, LPU97]. **trade-offs** [CLR90]. **Tradeoff** [TSHH01, HWC08]. **traditional** [BBCLL04]. **Traffic** [AA95, DSS95, FT94, KC95, LK94, OY00, TF92, FL86, FMM⁺08, LK90, SAOKM03, SKMM04, WG08]. **Training** [LWOG02, SMKL93]. **transaction** [YWD08, Yan09]. **Transactional** [Gra09]. **Transceiver** [DKMV01]. **Transfer** [Lu01, CK06, LGG08]. **Transfers** [NSSS99]. **Transform** [BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, CVJ09, DS04a, DPRW85, ESTA94, FSD04, SSL04, TKHG04, LLCL98]. **Transformation** [MG98, SC91b, WD92, FM85, GJG88, MRRT07]. **Transformations** [HBH93, OK02, JV09, Kan05]. **transforms** [TS91]. **Transient** [DT02, PAH⁺98, GPT06a]. **Transitive** [AW95, YMR93]. **Translating** [FPP06]. **translators** [YLB90]. **Transmission** [DP99, JK00, HOVC09, OS04, OMSGNSG05]. **transmitting** [BR91a]. **transparent** [GVA⁺08]. **Transparently** [AFT⁺00]. **Transport** [GRS97, MSH90]. **transportation** [OO05]. **Transpose** [CT96, ZMPE00, SAOKM03]. **Transposing** [Swa98]. **transposition** [Ede91]. **transputer** [LC92]. **TRAP** [GRS97]. **Traps** [SD00]. **Traversals** [OOW95, EI07]. **TreadMarks** [LDCZ97]. **treatment** [DWHL87]. **Tree** [AAP01, AS96, BBR94, BM97, BCLR96, BE95, BF01, BS00, COS⁺95, DVZ96, FA95, Goe94, GS01b, HR92a, KC99b, LPS⁺98, OD95a, OOW95, PL94, SLP⁺98, Ski96, Tze91, Wag94, BFG⁺03, BC05, BBL04, EB09, FMM⁺08, FJSW90, GA90, HSW04, tH90, IKS87, Mit07, OC07, PV07, Sch89a, SAF05, SK05b, TG03, Wu85, LZSL06]. **tree-connected** [HSW04]. **Tree-Dags** [BCLR96]. **Tree-Related** [OD95a]. **tree-structured** [GA90, IKS87]. **Trees** [AP94, AS94, ADS98, BBN93, BP02, CS95a, DM95, DP00, DLS00, DJM94, DLP99, DS93, Efe96, HKMU98, HM01, HS94a,

HHC98, Iqb92, LP96a, MD98, PM92, ST02, SHL95, TT98, Wag93, WW96, WB01, WFL98, oPP00, BNP02, BL89, BMIM07, CI03, CS06a, CDR09a, Efe91, GZ08, GNW03, HPT07, LVP08, LMZ04, Lin03, LHT08, OMSGNSG05, PD05, PPC04, SKK91, TDM05, Wag89, WL90, WC91, YZLT09, Zep91]. **Trellis** [LCM⁺06]. **Trends** [ER97]. **Triangular** [IK94]. **Triangularization** [KK86, CDR90, EM89]. **Triangularizations** [Par92]. **Triangulation** [DFRCU99, LS95]. **Tridiagonal** [CTZ99, Kau94, CK91, EM89, Gao86]. **Tridiagonalization** [BB85b, BW08]. **trigger** [FMR05]. **trigger-broadcasting** [FMR05]. **true** [CP04b]. **trust** [LAGK07]. **trusted** [SFEF06]. **TrustGuard** [SL06]. **Truthful** [WGS08]. **Tunability** [CKK00]. **Tuning** [SB02, HPT07, MML07]. **tuple** [DRT07]. **Turbulence** [LLCC02]. **TWDM** [LLJ00b]. **Twisted** [HTHH02, AP91b, FLPJ07]. **Two** [ABJS01, BNS00, BP01, Cha94, CCC92, CEF⁺95, DD96, Gos90, GT97, Hwa97, KLZ97, KL84, LHS97, LP96b, LK94, LLCC02, NAK04, Qia97, RFPAG08, RP95, SSM89, SSHC00, YCY⁺00, AB05, ARM⁺05, CF88, CG86, Deh90, HDJ08, Hsi04, LC91b, PMV06, SS94b]. **Two-** [Hwa97]. **Two-Dimensional** [LP96b, YCY⁺00, NAK04, AB05, Deh90, LC91b]. **two-fixed-endpoint** [Hsi04]. **Two-Level** [KL84, Qia97, RP95, SSHC00]. **Two-pass** [DD96]. **two-stage** [HDJ08]. **Two-Variable** [CCC92]. **Two-Way** [LK94, LLCC02]. **Type** [HO94, SC91b, BFH09, QGL⁺09, MV94, MVV91]. **TYPHOON** [HKW05].

UC [BCD95]. **UCT** [AKPT99]. **UDP** [ZBF05]. **UET** [AKPT99]. **UET-UCT** [AKPT99]. **UET/UET** [AKPT99]. **UET/UET-UCT** [AKPT99]. **ultra** [RW02]. **ultra-large-scale** [RW02]. **ultrametric** [YZLT09]. **unbalancing** [MGG03]. **unbounded** [SP90]. **Uncertainty** [ADS01, ZC04]. **Uncertainty-aware** [ZC04]. **understand** [BČFF05]. **Understanding** [BDF92, DBKF90, NEG85, CDJ⁺89, WRHR91]. **Unfair** [KY02]. **unicast** [SKMM04]. **Unidirectional** [KY02, KUFM02, RMC97]. **unification** [RM90]. **Unified** [AGG98, BL90, DM95, JBL02, KH89]. **Uniform** [AS94, BGJDL02, DR95, GM95, KY02, SR88b, TT98, TC96, VN93, Xue97, ZM94b, CLL09, LW06b, Mar88, MM07c]. **Uniformization** [DHK04, NH93]. **Unifying** [RCY97]. **Union** [KF95a]. **unique** [WCWH03]. **Unit** [AGW98, KNS91, KM88, QSL⁺08]. **Units** [AM97a, AGG98, KL08b, SCB08]. **universal** [CS06b]. **universality** [SH89]. **universioned** [Ahu90]. **unknown** [MJ03]. **Unlabeled** [Man97]. **UNPACK** [BR96]. **Unreliable** [KB96a, AM06]. **Unstructured** [OB98, WCE97, ACFK07, MSZ05, YF09]. **Unsupervised** [BST01, DSAUM99]. **untraceability** [CL09]. **unwinding** [Nic88]. **Update** [GS96, LSH96, RTCG91]. **Updating** [JSM94, SDS99, KAP90]. **upon** [AFM09]. **upper** [GC07]. **Usage** [BS96a]. **Use** [BW96, BST01, Kar92, SV00, MSZ05, NAK04, SSMS08]. **Used** [LL95]. **Useful** [Bal90, GSG⁺93, FM85]. **Useless** [Yen01]. **User** [GRS97, KOW97, RKK06, MAJJ05]. **User-Level** [KOW97, MAJJ05].

User-Space [GRS97]. **Users** [BST01, ZR00, SY04]. **Using** [AyJ93, BA97, BCLR96, BLG01, CCRS92, CP92, CB02, DS95a, DHB02, DMSH90, FR96a, FZVT02, FA95, HPT⁺97, HK01, HS97, HC97, Hwa97, KJ84, KA97, Lat98, LMCF90, LPZ99, LFA96, LL98, MD98, MP96, MS86, Moh96, MFS93, NH93, NS92, NPY⁺97, OS93, PH91, Par92, Par96, PKD97, SSG93, SM92a, SEP96, SP96, SM00, SD00, SL97, SIR92, SWC⁺91, SKH96, Swa98, TSC01, TR96, WPKK94, WW96, WSRM97, WB01, WRC⁺02, WS97a, WCYR08, XH91, YMG01, ZMPE00, AFM03, ASST05, Ara90, AK06, Bar05, BD05, BAMM05, BS92, CSWD03, CF88, CK08, CvdBL⁺08, CKN07, CBM⁺08, CDB04, CH06b, CMT92, CL85, DPRW85, DKRI09, DJT03, DH91b, DWHL87, EE05, E107, FM07, FCS91, GZ08, GRDB05, GCS06, HC91, JP09, JZK04, KL08b, Kan05, KME09, KR06, KKB⁺06, KA05]. **using** [LR03a, LA04, MM06, MS02, MK08b, MC03, NCTT09, PKN08, PBS08, PVG09, Pla08, SSM89, SSS07, SCB09, SCJ⁺08, SA08, SK05a, SFEF06, SM08b, SL06, TMM06, UAPM07, Wu03, XCS06, ZV06, ZV09a, ZHO03]. **utilities** [AM06]. **Utility** [LL07, QH96, ASST05, CRL04]. **Utility-based** [LL07]. **Utilization** [AS91, LT96, CCHC09]. **Utilizing** [AM06, CM92, LA93].

V_THR [DMB97]. **valid** [FZ90]. **Validation** [KM03]. **Value** [Bai94, HBH93, PE93, JBM91, Lin91, Luk85]. **Values** [HH01]. **Variable** [BL94, CCC92, IC05, MP08]. **variable-length** [MP08]. **Variables** [HV95, HS00, Hal05, HV09]. **Variants** [XL95]. **Variation** [YI96]. **variational** [MK08b]. **Variety** [WM92]. **various** [LW06a]. **Varying** [KEA95, PP96]. **VCR** [DSST95]. **Vector** [AMB95, CP94, GK98, GE94, LS85, MSC96, NFE97, Ric98, Wol88, Yan93, YH97, AKD06, CLR90, CK91, ESTA94, GS03a, GHS86, KK88, LS88, MS02, Sch87]. **Vectorizable** [VH93]. **vectorization** [Wol88]. **Vectors** [TR96]. **Vehicle** [DH04]. **VERDI** [SRGB90]. **Verification** [AS00, BR95a, MB96a, Eri88, LAGK07]. **Verifying** [WG93]. **Versatile** [DVZ96]. **Version** [WW96]. **versions** [BSMH08]. **versus** [FBDC99, GST09, LPU97, Sun02, TSHH01]. **vertically** [LHF91, SM08a]. **vertices** [ACU08]. **Very** [OP96, DHK04]. **via** [BP98, CJ07, CVJ09, CRA⁺08, MBR08, NS95, PRHB06, ZV06, ZBF05]. **Viable** [KLLK98]. **victim** [XCH08]. **Video** [AAL95, CLV95, DSST95, HLL⁺95, JK00, RU99, ZRC99, Bar05, LVP07]. **Video-on-Demand** [DSST95, HLL⁺95]. **View** [Buc92]. **Views** [CMT93, LMCF90, Won99, BB03]. **Virtual** [AD95, BAHP01, BF97, DRSB01, KS97a, KLLK98, KKS08, LM96, Mat93, PA97, PL95, TJ92, BJS03, BAL05, FX06, KS03, PY09a, PK05b, TT07, WDDK09, ZV06, ZJ06, DHS06]. **Virtual-Channel** [PA97]. **virtualization** [GTN⁺06]. **viruses** [MJ03]. **visibility** [BSG90]. **Vision** [LR94, MBL⁺92, MHC95, MAR87, WHT02, Kri91, WJD91]. **vision/image** [WJD91]. **Visual** [BN94, SRGB90]. **Visualization** [BB93, Cas93, Cou93, KS93, Mil93, NT90, MBH⁺08, NCA93, TSD08, WGCZ09, ZB09, ZWRI07]. **Visualizations** [LSCA93, SK93]. **Visualizing** [RW93, SKR93, ZNQ93].

Vital [BS97, HHC98]. **VLIW** [dSR00]. **VLSI** [BB85a, BBR94, CCC90, FM85, GS91b, Gue86, KM97, KLL87, MB96a, MS87, ML89, MRR⁺02, MT85, MT97b, NEG85, OB88, OT86, PR06, TU92, TF92, WSS93]. **VLSI-suited** [GS91b]. **VM** [JXW06]. **VM-based** [JXW06]. **VoD** [Bar05, LC07]. **voice** [WTS03]. **voltage** [FKLB08]. **Volume** [Ano92a, Ano92c, Ano93e, Ano96l, Ano97k, Ano00d, Ano01g, Ano01h, Ano01i, Ano02d, Ano03b, Ano04a, Ano08, Ano09, BS96c, CS93b, WS97a, ACFK07, Ano92b, Ano93b, Ano93c, Ano93d, Ano94a, Ano94b, Ano94c, Ano94d, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano99a, Ano99b, Ano99c, Ano00b, Ano00c]. **Volumes** [Ano98l, Ano99h]. **Voronoi** [RR95b, SZ03]. **Voting** [LO96, ZWS09]. **vs** [Wol88].

WadL [GMS06]. **Wafer** [KL84, MLW⁺97, RFM94]. **Wafer-Scale** [KL84, RFM94]. **Wait** [HPT02]. **Wait-Free** [HPT02]. **Walk** [SLP⁺98]. **Walks** [BA01a]. **warning** [XCLR07]. **Warp** [ACD⁺93, CBP02, CX05, PW96]. **Warping** [WS95, WS97a]. **water** [CvdBL⁺08]. **Watershed** [MG98]. **Wave** [CDP95, CDB04]. **wavefront** [OT86]. **Wavelength** [HP00, MVM04]. **wavelength-routed** [MVM04]. **Wavelet** [HK01, CVJ09, TKHG04]. **Wavelet-Based** [HK01]. **Way** [LK94, LLCC02, ACU08, KK98a, VPHML06]. **WDM** [DP99, MVM04, OS93, WG08]. **Weakest** [Bit92]. **weakly** [HJ07]. **Weather** [RHH96]. **Web** [KCD08, AK06, BLPA05, CSWD03, SCK03, TC03, TC04, TK07, Wan06, XCZL03, XJS03, ZWL03]. **Weight** [RDL95, RGVB00, Tse95, YI96, LVP08, Wan06]. **Weight-Throwing** [Tse95]. **Weighted** [BS97]. **weighting** [CRA⁺08]. **well** [EB09]. **well-nested** [EB09]. **whole** [Kan05]. **whole-program** [Kan05]. **Wide** [WM92, Wei98, HL07]. **Wide-Area** [Wei98]. **width** [DH91a]. **window** [LVP07]. **window-assisted** [LVP07]. **winners** [PL03a]. **Wire** [yHY97]. **Wire-Limited** [yHY97].

Wireless [BCD00, BD00, BDF01, Bou03, GMS06, JK00, KKGS01, MS00, Ola01, WL05, ASM09, AP03, BFG⁺03, BSW07, BXA08, BPRS04, BOP06, BN03, BPA06, CKN07, CCK⁺08, CLL09, CMS04, DW06, DMB⁺03, DFP06b, EBE08, GDP08, GP07, GCY⁺04, GMXA07, H MV07, HJ07, HWWH08, HWC08, KKVI05, KSI04, KOA09, KDH08, KNS06, LZ08, Lan09, LCW05, LW06a, LS03, LR03b, LLW07, Los08, MBR08, NC09, PLR07, SKMM04, SK05a, TBHA07, VHH08, WW07, WTB⁺08, WMW09, WBTM09, WH08, XYKA08, YSL08]. **Wireless/Mobile** [MS00]. **Wires** [GO95]. **within** [THN⁺93]. **without** [FSZ07, HP95, Ho91, MS02, OS97, SA93, XO05]. **WK** [DC94, SCD99]. **WK-Recursive** [DC94, SCD99]. **WLANs** [CCHC09, FA07]. **Wolfe** [Psa96]. **work** [BM04a]. **worker** [HSL04]. **workflow** [FCC07]. **workflows** [TYH09]. **Workload** [DZDZ01, IM94, SSYG97, FGP05, GNT04, LLLY08, LF03].

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