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Title word cross-reference

$(12, 8)$ [BBT94, Joh93, SW90]. $(16, 8)$ [GB93, KGB95]. $(2^n + 1)$ [Ma98]. $(2 \log N - 1)$ [HSY97]. $(d \leq t)$ [SAR91]. (m, k) [HR95b, HR97]. (x/d) [ALB98]. $\{0, 1\}$ [SV94]. 1 [LT90, PEH90, PV94a, THL92, VRK93a, VCB96, WL94]. 16 [CR90a]. 2 [ABZ96, CZSM99, CSA94, KR93, LM92c, MC93, MC95, SB90, SLH97, SPM97, Tse97, TNC95, VCB96]. $2^N - 1$ [SR92]. 3 [COK95, LT90, PEH90, PV94a, VRK93a, WL94]. 4 [ABZ96, EL90b, EL90d, MC92, Tak92a]. ^{2} [ABK90, IO98]. $_{\rm DDQ}$ [ZWL98]. $_K$ [MLK98]. $_m$ [YL98]. $A + B = K$ [CL92b, Par94]. b [XSFR96]. $\cos^{-1}$ [MMM93]. d [Nik91, NK92, SAR91]. $d > k > t$ [NK92]. $d > t$ [Nik91]. $GD(2^n)$ [Ara93]. $GF(2^{4n})$ [PFR98]. $GF(2^m)$ [BCH93b, Dro98, FBT96, GW98, HB92, HWB92, Has97, Has98, WP90, WL93, Wan94a, Wei94, WH97a]. $GF(q)$ [CM96a]. I [CC96a]. I^2L [DS94]. K [GP97, She95b, BG90, BBKA95, CSF90, CLC92, CRS98, Dal90, Dal91, DH90, FBM93, FR97b, GY95a, GS93, HSL96, JHK97, KFYA93, LH91, NK92, OK99, RHT95, YC94]. $\log N$ [YA90]. m [AM91, CW99a, DSPN95, SB92b, WG98b]. m_j [WS95]. N [CA91b, ENS91, THL92, BG90, BBKA95, CZSM99, CSF90, CW99a, Dal90, Dal91, GY95a, Lat93, Lin93b, LH91, OK99, PR99, RBG98, WG98b]. $O(\log_2 N)$ [DFM95]. $O(n)$ [HTYP97]. $O(n^{2.5})$ [RS94]. $O(N \cdot \log N)$ [Szy97]. $O(N \lg N)$ [She95a]. P [YM92]. p^t [HTCT91]. $\sin^{-1}$ [MMM93]. t [LB90, Nik91, NK92, SAR91, XH95, YL98]. $T.H = O(2^{n/2})$ [Fer91]. t/s [LB90]. Z

[Cor96]. $Z_2(m)$ [FRK94].

-ary [BBKA95, Dal90, Dal91, GY95a, GS93, LH91, OK99, SB92b, WG98b]. **-Bit** [XSFR96]. **-by-** [CZSM99]. **-color** [CRS98]. **-coloring** [CRS98]. **-Coterie** [YC94, KFYA93]. **-cube** [Dal90, Dal91, Lat93, Lin93b, CA91b, ENS91]. **-cubes** [BBKA95, GY95a, LH91, OK99]. **-D** [CSA94, KR93]. **-depth** [HTYP97]. **-detections** [PR99]. **-diagnosability** [LB90]. **-diagnosable** [XH95]. **-dimensional** [RBG98, WG98b]. **-EC** [YL98]. **-EC/AUED** [YL98]. **-error** [Nik91, NK92]. **-extra-stage** [HSL96, She95b]. **-fault-tolerant** [DH90]. **-firm** [HR95b, HR97]. **-functions** [YM92]. **-II** [ABK90]. **-matrices** [SV94]. **-nearest** [CLC92]. **-out-of-** [CSF90, CW99a, LT90, PEH90, WL94, THL92]. **-out-of-n** [DSPN95]. **-pairwise** [GP97]. **-projection** [WS95]. **-resilient** [FR97b, RHT95]. **-shuffle-exchange** [HTCT91]. **-sorter** [BG90]. **-spare-approach** [VRK93a]. **-stage** [HSY97, YA90]. **-track-** [VRK93a]. **-trees** [FBM93]. **-UEC** [SAR91]. **-UED** [SAR91]. **-unidirectional** [NK92, SAR91].

13th [Ano98b]. **17th** [Tri98].

2-bit [Nai95]. **2-level** [vdBT93].

32-bit [MFH91].

754 [ABCW92].

802.6 [DL97]. **86**^{TM} [MLK98].

90/150 [NC96].

ABFT [NAB96]. **Absolute** [HM91]. **Abstract** [Wel94]. **Abstraction** [MAH98]. **Abstractions** [Oik92]. **Accelerated** [Kan93a]. **accelerator** [WSEZ90]. **accelerators** [SJ95]. **acceptable** [SC90b]. **access** [ACZD94, CF94, COK95, Dow92, HL91b, HC93, KMD97, KT91a, LS91b, MM91a, MMM96, Maz93, SMV91, TPDB98, VLPA95, WK97]. **accesses** [Har92, RH93]. **accessing** [AMS96]. **accumulation** [DM97a, Has97]. **Accumulator** [RT93a]. **Accumulator-based** [RT93a]. **Accuracy** [AB98, DM94, KC93b, CK99, Egg91, KE97]. **Accurate** [KTM+94, Lew94, WF92]. **achievable** [PM98]. **achieve** [LF96]. **Achieving** [TYJ99, KWF95, RYT95, Wu95]. **acknowledgment** [Bal98]. **Active** [TRS+99]. **acyclic** [BHS92, CL90]. **adaptable** [FNS95]. **Adaptation** [CV92]. **Adaptive** [BK90, CS90b, CK90b, FBL96, LYS95, SS96, BFS97, DN98, HB95, KM97b, LK95, LH91, OK99, UVM97, ZC98]. **Add** [JP98, HNR90]. **Addendum** [DBAP94]. **Adder** [Lo98, CK94, GM98a, Kan93c, Lo97b, LS92, MJ92, TH99, WT90]. **adders** [CS90a, CSTO92, DP96, DO96, Kan93a, Kan93b, PLM91, Pie94, RB99, Tya93]. **addition** [ABC92, CM96b, EL90a, Fag92, KOIH92, Lew90, QF92, Tho97, VCB96, Wal97, ZC90]. **additions** [Jun95, Ung94]. **additive** [DC93, GRT96]. **address** [AC98, CK99, CT91a, Har92, HLP93, Kat97, WSY97, WHL95]. **Addressing** [CSK90]. **adjacency** [CT94b]. **adjacent** [BBT94, GB93, KGB95, SW90, TB98b]. **adjustment** [CK99, KM97b]. **admissibility** [SXW95, She95a]. **adopted** [Ara93]. **advanced** [Leu97a]. **advances** [JBA+97]. **affine** [SHC96]. **aggregation** [BT90]. **Agrawal** [CLL91]. **agreement** [AK96, VP95]. **aided** [BM94]. **air** [KBMP99]. **algebra** [CFV91, Jun95, TCI98, TLROL93, Ung94]. **algebraic** [CT94a, LK91b]. **Algorithm** [Ano96b, BKM94, BRS+90, CK90b, CV92, DM93, HHB91, Kos91, OY91, RB90, RCBB96, RCB96, SR96, WJ94, ABLZ97, AVBZ97, AHT92, Ara90, BDK98, BB90, Bar98, BHS92, BB91, BM96, BW95, CCGS98, CRC96, CLC92, CPK90, CB96, Cor96, DM96, DS94, DDGS97, DN98, DA96, EW93, FRK94, FS94a, GDY90, GMP94, GPS93, GRR94, GW98, HTYP97, Han91, HB98, HL90, HN93, HC96, HTCT91, HBAB95, Hwa97, Kam92, KOIH92, KSL93, KMM91, KK92, KYM97, KM90, KM92b, Kum91, Leu97a, LHL99, LC92, LS94b, MM97a, MSS99, NS96, NAB96, OYR95, OK99, PK93, Pha98b, PLJ94, RS94, RDZ95, Red98, RR93, Saa95, SS90a, SJ90, SS93a, SBP90, SBP91, SXW95, She95a, SC95b, SJP96, SP95, SLS95, SL90b, SW97, Tak92a, TCI98, TK97, Tem99, TY92b, VRK93b, VT94]. **algorithm** [VJ93, WL90, WZXX93, WeBM97, YL95b, Zar95, ZB97, dM90]. **Algorithm-based** [BRS$^+$90, RB90, RCBB96, RCB96, WJ94, BB90, CRC96, CB96, FRK94, GRR94, NAB96, OYR95, Red98, RR93, TK97, VJ93]. **Algorithmic** [AEBVZ91, LPP91, JBA$^+$97, LMT95, OVL96]. **Algorithms** [AC98, CSS90, DL94, Fow93, Has90, Kor94b, Lo94b, OF97b, SL95, THH92, WG94, AC95, BB92a, BBB$^+$94, BC95, BP95, CRMM98, CT98, CG96b, CRS98, CCL92, CG94, DB91, Esh91, GGD96, HL92a, HJ92a, HD95, HRP99, JK92, Joh95, KM97a, KMD97, KT99a, KY92, KS93b, LM92b, LS90b, LCT97, LL96b, NO94, NO91, OM91, PFSR99, PI93, PGS95, PK91, PB99a, Qui90, RT91b, Rao93b, RF91, RBK90, SM92a, SF91, SF92, SHC96, SA92, SBM$^+$98, SW94b, SA98, TY92a, TB91, TC95, VJ98, WPS97, YLC90, YMG99]. **Aliasing** [IN96, PR95a, PGK90, Rob91, CMH98, ESS98, FFKI95, LG95, MI93, PG91, SFM92, SM97]. **alignment** [PNDN99]. **all-optical** [YMG99]. **All-to-all** [PB97a]. **Allasing** [NAH98]. **allocated** [TF92]. **Allocation** [HS97, MYD96, AK92, CS90c, CU93a, CT92, DH91, FM91, FBM93, HHS97, HKL98, KM97a, KLL97, KF92, SWG92, SM96b, TSS95, TNC95, Vog90]. **allocator** [CG96a]. **allow** [CLL90]. **Almost** [FHA94, Weg94b]. **alpha** [CRP$^+$96]. **alpha-particle-induced** [CRP$^+$96]. **alphabet** [PG92]. **Alternative** [MB93, Lin91]. **alternatives** [DP99]. **ALU** [PV94a, VPB93]. **always** [BNP91]. **ambiguities** [YM92]. **AMD5** [MLK98]. **among** [LYW94, RH93]. **AMULET1** [WDF$^+$97]. **analyses** [SISU90]. **Analysis** [CM96a, CS90a, CL94b, DOR91, DW90, DHL96, GPTT98, HM93, KKKM99, Kip94, LD90, LHS$^+$98, LZM90, MMSS96, MMJ91, NC96, NAH98, Qui90, SM90a, SSS97, SD96, SL90a, Smi95, TI92, UP93, YB91, YLL90, ZB98, ABLZ97, BR93, BJ91, BC99, BAA97, BM90, Bok96, Bos90, BD97, BCLA91, CPV91, CPRV95, CB95a, CS91, CU93b, CL94a, CSSP90, CW99b, CI92, CS96c, CB96, CMST90, Cor94b, DDS98, DKL90, Dal90, DC93, Dav90, DZLH93, DB94, DRS91, DM92, GOH92, GS95, GY95b, Gos97, GW91, GL92, HSHG99, HH93, HMC90, HJ92b, HP95, IA91, KPI93, Kan90, KACV94, KC93a, KLV94, KS96a, KS96c, KKS93, KM94, LNS94, LY96, Lat93, LP98, LK91a, LKK$^+$94, LG92, LP91, LBF92, Mah94b, MS93, MDyF94, MYD96, MAH98, MTG93, MY94a, NS96, NAB96, NB93, NS90, OI90a]. **analysis** [PMF96, PGS95, PLM91, QSA91, Rao93b, RW98, RF91, RS95, SFM92, SM97, SB97, Ser99, SB94, SIKS95, SGP92, SB92b, SRHI98, SY99, VC92, VT94, Wil92a, WSB90, WL92, WI95, vdLS93]. **Analytic** [MY95, MY96, IOP99]. **Analytical** [HC93, HKN99, JCSM96, PMHY97, SVSB97, ESS98, JCMS97, MB93, ACH$^+$97a]. **analyzer** [MI93, PGK90]. **analyzers** [Hla92, MMJ91]. **Analyzing** [dG90, PG91]. **AND/OR** [BOH90]. **angle** [ABLZ97, HN93, HC96, LL92a]. **annealing** [ACH$^+$97b]. **ANNs** [MBR96, MBR95]. **anonymous** [LW94]. **any** [She95b]. **aperiodic** [BS99, SC95b, SLS95]. **Application** [KWF95, Lew94, NC97, PR94a, SF96b, Ara93, Bry91, CK90a, CZSM99, CCC96, CT93a, CW99b, CKY+99, Cor94b, DBD93, DC93, EL90c, ENS91, GYY98, Jha93, KB93, Kle90, MS98b, PR99, RS95, SG90, TY92a, WP90, WG98a]. **Applications** [DJM99, BR94, BMP+97b, CDFH93, CRS98, DW90, DPO95, FA96, HLH96, JTY+99, Kal95, Kor94a, Lim92, LP99, LM99b, MS98a, MJ91, NKC94, PDBH97, PR95b, RB90, Sch96, Sch98, SSS97, ST95b, TCI98, Vij91, WPS96, WHK97, WH97b, XH95]. **applied** [Hei91]. **Applying** [ABCW92, SIKS95]. **approach** [ACH+97b, BB92b, BJK93, BBRL98, CK90a, CPV91, CL90, CT98, CRC96, CF90, CL99a, CFV91, CT91b, FP98, FL93, Fri94, HS98a, HJ92b, KS91, KA94, KB93, KT99a, KF97, KR93, KK91c, Lin90, LMT95, NSUR98, OVL96, RYT95, RBG98, SY91a, SSL96, SWWW94, SB97, SJB91, SD92, SRL90, SK94, SA98, VRK93a, WM96, Wil93, WMD96, vdLS93]. **approaches** [PHK94]. **approximants** [GY95b]. **approximate** [AK96, HP95, SR98, SGP92]. **Approximating** [SS99, KT91a]. **Approximation** [HV91, SWT93, SF96b, CCGS98, CRS98, ITY97, KM92b, ZPP91]. **Approximations** [KZ90, WF92, ZVDF96]. **approximators** [Kos94]. **ARB** [FS96]. **arbiter** [VBH+95]. **arbitrarily** [RF92]. **arbitrary** [AMS96, BDN96, BNG92, LA98, RDZ95, TS99a]. **arbitration** [Kip94, Wil92a]. **architectural** [CWM+95, DP99, IS90]. **Architecture** [CS96b, Dek98, HB95, Lee92, ABC92, AN90, BGJ+96, BS90a, BP92b, CRMM98, FP98, GB90a, GE92, HLB+97, Har94, IO98, IO91, IJN94, JS92, KT99b, LVB+93, LAY96, LD94, Lew90, LKL98, LS91b, LZ94, Ma98, Mat90, MF92, NO94, Paa96, Pou97, PV94b, RK96, RHS98, SJ90, SR98, SJB91, SY91b, SB92b, SP95, TRM95, TB99b, THA+99, Tze93, UP93, WW91, WL93, Wei96]. **Architectures** [Ara93, AB98, AVBZ97, BOI94, BBBM95, CJ90, CJ91, CU93a, CT96b, DBAP93, DBAP94, DH90, HC93, KKL90, KHC94, McA92, MNL99, NLV91, PFR98, SES+92]. **arcs** [SV95]. **Area** [BOI94, CK94, Sar90, WT90, KIN+94, PKI+96, SC90c, Tya93, WSY97]. **area-efficient** [KIN+94, PKI+96]. **Area-time** [CK94, WT90, SC90c]. **Argument** [Smi95, HTHR94]. **Arithmetic** [ABCW98, GRT96, Hei91, KL97, KC93b, Lew94, Lo94b, PG92, SJ95, Tan92, ABCC90, ABCW92, CR90b, DOP93, Dro98, EL92, Kat96b, KM90, LW91, LO97a, MM97b, Mul94, PFSR99, Par93, PB97b, Pie90, RF99, SKA92, Sri90, VCB96, Vui90, WJ90, Ano98b]. **ARM** [WDF+97]. **arrangement** [DT93]. **Array** [Kor94b, LTR96, BOI94, BP93a, CPRV95, CCBC98, CU93b, CUC97, FL98, GW98, IJW92, IDI95, JLLR94, KRM95, Lee92, LLK92, LK91b, LC90, LK90, LHL99, LTR93, Meg92, Mie93, OFW92, Pek99, ST95b, Sto93, SCW91, TK97, Wan94a, Zar95]. **arrays** [BB92b, CT94a, CT98, CA91b, CF90, CT91b, FR97a, Fri94, Hug93, JBS90, JK92, KT99a, KR93, KT91c, KL92, LaF99, LK93, LR97, LH90, LBF92, LL96b, MRB90, Mel92, MY95, NA90, NM94, QM93, RM94, RBK90, SS93b, SM96b, SW94a, TB91, TC95, VJ98, VRK93a, WD92, WC90, ZWL98]. **arrival** [TH99]. **arrivals** [HS94d]. **arsenide** [MFH91]. **artificial** [RF91]. **ary** [BBKA95, Dal90, Dal91, GY95a, GS93, LH91, OK99, SB92b, WG98b]. **ASCA** [NO94]. **aspects** [PS90, TY92b, TC94]. **Assertions** [BGM+95, Fit97]. **Assessing** [CDHK93]. **assessment** [LS98, PS91]. **assigning** [BLOS95]. **Assignment** [TS94, AC98, BM91, Bon90, BNG92, BS99, GS97, HL91a, HR95b, HB98, KA94, LLK92, Leu97b, NST96]. **assignments** [FW93, KWF95, Ros90, SC90b, TK91].

assisted [ACFH95, BB90, RKS90]. **assists** [SM90b]. **Associative** [Mer97, CFV91, CGC95b, HKN99, RS96, SKA92, SST92, WZXX93, Wan96, WHL95]. **associativity** [BS97]. **Asymmetric** [ABB94a, Rag93, Rag96, TB98b]. **Asymmetric/unidirectional** [ABB94a]. **Asymptotic** [KT92]. **Asymptotically** [Fra92, DFM95, JO93]. **Asynchronous** [AVR98, KT91a, MT98, AAL94, AS92a, AK96, BBD97, DB91, FW93, KA94, Kip94, LB99, LKL97, McA92, OYY97, SI94, TLE97, TKS94, VBH+95, VT97, WM92, WDF+97]. **asynchronous/internally** [VT97]. **at-speed** [HG96]. **ATM** [Hou99, RKJZ99]. **atomic** [DLW91]. **ATPG** [Dae91, WG98a]. **attack** [Kuh98]. **attacks** [GP96a]. **AUED** [BB92d, KB96, Kat96a, LY96, YL98]. **Augmented** [LAY96, MB95]. **Augmenting** [PNDN99]. **Authenticating** [Mit92]. **authentication** [RS98]. **Author** [Ano98a, Ano99a, KIN+96]. **Automata** [CBGC94, NC97, BMP+97b, BK95, CK90a, CM96a, CZSM99, CCC96, CCBC98, CGC95b, DC93, HMC90, KMM91, NKC94, NC96, NK97, OdSC96, SCC96]. **automata-based** [HMC90]. **Automated** [Cor94a]. **Automatic** [BDL+99, IYI90, LM99b, MBGT91, OK96, LL91a]. **automation** [PR95b]. **automaton** [IO98, TW95a]. **automotive** [HLB+97]. **autonomous** [LS96b]. **Availability** [KFYA93, KBMP99, Ser99, YC94, HY99, RS95]. **available** [SKK+90]. **Avalanche** [HT95]. **Average** [BHSB97, BS93b, DM97b, Man90, Sas91, WH99]. **avoidance** [Bel90, BBB+94].

B [LP98, LY90, PK90]. **B-network** [LY90]. **B-networks** [LP98]. **B-trees** [PK90]. **back** [EZ92]. **back-recovery** [EZ92]. **backpropagation** [RF91]. **backup** [HS98a]. **Backward** [BGM+95, Fit97, HC96, LY90]. **Balanced** [TB99a, ABB93, ABB94b, TB98a, UVM97, WH97b]. **balancing** [BK90, BHS92, CL90, Dae91, HS93, KK92, LK98, NO94]. **Ballast** [GB90b]. **Band** [Tat97]. **Bandwidth** [KH90, Kam92, Soh93]. **banks** [RR95]. **banyan** [YA90]. **BAR** [HC96]. **Base** [DJM99, WSB90]. **Based** [CBGC94, KZ90, WG94, ASS94, AVR98, AVBZ97, AS92b, Bae97, BB90, BRS+90, BDL+99, Ber96, BMP97a, BK95, CJ90, CC92, CA91b, CRC96, CCBC98, CU93a, CU93b, CU94, CB95c, CL99a, CAK90, CYH91, CGC95a, CB96, DKL90, DL97, DTB96, DA96, FM95, FRK94, GPTT98, Gos97, GRR94, HM95, HHMC91, HRT+95, HS94b, HMC90, HKC97, Hou99, JW91, Jun95, KE97, KT96, KKKM99, KKA95, KR93, KK91c, LS96b, LCFH95, LL91b, LS94a, LCL95, LO97a, LKL97, LZ94, LM99b, MY96, Mer97, MDyF94, MYD96, MTG93, NAB96, OYR95, ORPP93, Paa96, PGS95, Pek99, PG97, PW95, Pin99, PR97a, PR98, PR99, RT93a, RCS92, Rao93a, RFKL93, RFS92, RB90, Red98, RR93, RCBB96, RCB96, SCC96, SLD95, SC95b, SE98, SP96, SR91, SR96, ST96, TK97, TB99b, TS99b]. **based** [TLROL93, THZ+99, Tse97, TYJ99, Ung94, VJ93, Vog90, WJ94, WS95, Wan96, WY95, WH97b, WG98b, YLC90]. **baseline** [LFH92, NL90]. **BASEMENT** [HLB+97]. **bases** [PB97b, WHB98]. **basic** [SV95]. **Basis** [Kun92, FBT96, Has98, KS98, Lu97]. **batch** [YL95a]. **BDDs** [JBA+97]. **be** [GM94, Kop95]. **behavior** [BJ91, BP96, GK92, HKN99, KKKM99, SV95]. **behavioral** [Cor94a]. **Being** [OI90b]. **benchmark** [Ber92, SS95]. **benchmarking** [IOP99]. **bends** [LYW94]. **benefits** [DP99]. **Benes** [RB91, Sch92]. **Benes-like** [Sch92]. **Berger** [LTR96, LTR93, RFKL93]. **Berlekamp** [Zar95]. **better** [Kop95]. **between** [CL92a, CL99b, FC97, JH95, OFW92, OZL96, SLH97, YA90]. **Bhuyan** [CLL91]. **Bi** [Mel92]. **Bi-level** [Mel92]. **biased** [SS91a]. **biased-random** [SS91a].

bidirectional [Mit92, Wan96]. **Binary** [KTM$^+$94, Kos91, Lo98, Ara92, BDN96, BAA95, Cha93, CU93a, DE92, FC97, FS90, GH91, HM95, JM96, JH95, Kip94, KM90, KB95, LV99, LPV96, LAY96, Lin93b, Lo97b, OCVSV98, PK93, Pou97, Pur91, RB99, SG90, SY91b, Tho97, Weg94a]. **binary-reflected** [JH95]. **binary-tree** [CU93a]. **binomial** [KKS93]. **Bipartite** [SS99, KWF95]. **birthday** [YF92a]. **bisection** [Saa95]. **bisectional** [Ho92]. **BIST** [CG96b, ITZ96, Nic96, PG91, RT99, Sav98b, WI95, ZI92]. **Bit** [HB92, IV94, SKA92, Wan94a, XSFR96, Coh93, KH93, KS98, KM90, Man90, MFH91, Nai95, PHK94, Szy97, Vai95, WH98, WHB98]. **bit-complexity** [Szy97]. **Bit-level** [Wan94a]. **Bit-parallel** [SKA92, KS98, WH98, WHB98]. **bit-pipelined** [KM90]. **Bit-serial** [HB92, IV94]. **bit/byte** [Vai95]. **bitonic** [LC98a]. **BKM** [BKM94]. **block** [CSTO92, DW91, Mon91, WdB92]. **blocking** [DR96]. **board** [CCBC98]. **boards** [KC93a]. **Boltzmann** [ZPP91]. **Boolean** [BC99, BBP91, BJK93, Bry91, DGY92a, DLN95, FC97, Fal99, GM94, JBA$^+$97, LL92b, LP99, LM92c, Sch96, Sch98, TMS97, WM96, WM98, Weg94b]. **Borden** [HPN95, Pie96]. **Borel** [TA95]. **Borrow** [Sto93]. **both** [SC95b]. **Bottleneck** [SW92]. **bound** [AM93, BOH90, KS90, LH98, PRS94, Qui90, WNS96]. **boundary** [NC96, RTZ98]. **Bounded** [PK94, ACH$^+$97b, Aln93, SISU90]. **bounded-degree** [Aln93]. **bounded-difference** [SISU90]. **Bounding** [HAM$^+$99, KM92a, LMT95]. **Bounds** [Ber93b, NAH98, Sas91, AR94, HM94, HBAB95, Krä98, Li97, MB95, RR93, SFM92, SM97, Sem95]. **BPC** [She95b]. **Branch** [DF91, PS93, SAMC99, CK99, EAK98, FM95, Fag97, GL93, KE97, MBGT91, Nai95, Qui90, RW98]. **branch-and-bound** [Qui90]. **branch-and-combine** [EAK98]. **branching** [Pha98a, Pha98b, Weg94b]. **breakdowns** [RS95]. **bridged** [DMS94]. **bridging** [CT96a, CL98b, KM94, PR98, ZWL98]. **Broadcast** [CA91a, YM95, BH92, BB99b, Fuj99, JL91, MMM96, OYY97, SSA94, Tse97, TS97, YLC90, YM91, YY97]. **Broadcasting** [THY93, BNL93, Bal98, CSK90, Fra92, GS93, LCT97, PB97a, Wu95]. **broadcasts** [TS95]. **broadcasts/multicasts** [TS95]. **Bruijn** [DHL96, PMF96, SP91, Ann97, DZLH93, LS96c, LLJ97, RB93, RB97, SR91]. **BSP** [GLR$^+$99, SN99]. **buffer** [ACFH95, DYD94, DB94, FNS95, Har94, PS93, Vog90, Wei96]. **buffer-based** [Vog90]. **Buffered** [RR95, MY94a]. **buffering** [BD97, MF92]. **bufferless** [BBP$^+$96]. **buffers** [AS95, CR93, FM95, Fag97, Kus90, TF92]. **Bug** [BW96a]. **Built** [HRT$^+$95, RFM90, BK95, GPZ99, GP96b, HMC90, IN96]. **Built-in** [HRT$^+$95, RFM90, BK95, GPZ99, GP96b, HMC90, IN96]. **bus** [BHR94, CS91, CL99a, CS92a, FY96, HHS97, Ish95, JS92, JL96, JW91, Kuh98, KEA96, LD94, Mah94b, OI90a, Wil92b, YB91, vdLS93]. **bus-based** [CL99a]. **bus-control** [JW91]. **bus-encryption** [Kuh98]. **bused** [KKL90, KEA95]. **buses** [BB95, KH97, Raj96]. **busses** [Kip94]. **butterfly** [GH91, Tze94]. **bypassing** [JCMH99]. **Byte** [BAB92, CGC95a, DDV90, HF97, SI93, SCC96, Vai95, XSFR96]. **Byzantine** [VP95].

C [LH90]. **C-testable** [LH90]. **C2SC** [SSA94]. **CA** [CGC95a]. **CA-based** [CGC95a]. **CAA** [SCC96]. **Cache** [GW92, MV99, Tak92b, CL98a, CB99, CCCH93, CS99, CHH98, DDS98, DW91, Egg91, FL93, HKN99, HAM$^+$99, HSHG99, HS98c, IS94, JLC98, JCMH99, KKKM99, KRC99, KLH$^+$99, LHS$^+$98, Mah94a, MTP93, NB93, NV99, PNDN99, PFP99, PHS99, PG97, PBND98, PH93, RBS99, SS95, SS93a, SAMC99, SVSB97, STW92, SY99, TSW92, TWS92, TWS93, TG99, TXD98, TS98, WSY97, WHL93, Yan93, ZC98]. **cache-coherent** [PBND98]. **cache-related** [LHS+98]. **caches** [KHW94, OMB97, Sez97, SST92, SV97, TRS+99, TLH94, VJ98, WHL95]. **caching** [SV97, WSY97]. **CAECC** [CBGC94]. **calculating** [CY95]. **calculation** [ABLZ97, LL92a]. **calculations** [ABK90]. **call** [DL97]. **CAM** [IO98]. **Cambridge** [ZVN92]. **Can** [Kop95, GM94]. **canonical** [CRC96, KS98, LM92c]. **capabilities** [LW91]. **capability** [CC97b, KS92, MMJ91]. **capable** [YM92]. **capacity** [CF94, CGC95b, TSS95]. **Carry** [CM96b, Lo98, PK94, CS90a, CSTO92, CL92b, DO96, EL90a, Kan93a, Kan93b, Kan93c, Lo97b, LS92, Par94, Pie94, Tya93]. **carry-lookahead** [CSTO92, Kan93c]. **carry-lookahead/carry-select** [Kan93c]. **carry-propagate** [EL90a]. **Carry-save** [CM96b, Pie94]. **carry-select** [Kan93c, Tya93]. **carry-skip** [CS90a, CSTO92, Kan93a, Kan93b]. **case** [ACH+97a, ACH+97b, Ber92, BFS97, BHSB97, CK91, KPB92, Krä98, Vai98]. **cases** [ZPP91]. **Causal** [AV97, Bal98]. **caused** [JLC98]. **CAUTRA** [KBMP99]. **Cayley** [Als92, MPS94, TA95]. **CCD** [AEBV90, AEBVZ91]. **CD** [KM94]. **cell** [CA91b, HD98]. **cells** [CA90a, LCS93, RT99, SMV91]. **Cellular** [CCBC98, CBGC94, HMC90, NC97, NK97, BMP+97b, BK95, CM96a, CZSM99, CCC96, CGC95b, DC93, GS97, IO98, NKC94, NC96, PV90, SCC96, SLN97]. **Cellular-automata-array-based** [CCBC98]. **central** [BK90]. **centralized** [BBB+94]. **CEQRNS** [ST95b]. **Certification** [SWM95]. **certifier** [BSM97]. **Chains** [PK94, BT90, NGB93, Sem95, Wal98].

Channel [FCL98, CF94, Dow92, GS97, HS98a, MM91a, WL90]. **channels** [CA91a, LH98]. **Chaos** [KS94]. **chaotic** [BFS97, PBB97]. **characteristic** [LKL97]. **characteristics** [HT95]. **characterization** [CF95b, Cha93, DAF94, LB90, PG97, Weg94a, XH95]. **characterizations** [Mul94]. **Characterizing** [Joh95]. **Check** [LTR96, GRR94, LTR93]. **checked** [LS90a, MLK98]. **checker** [BJ94, CW99a, PEH90, RFKL93, THL92, Tao97, WL94]. **checkers** [DSPN95, GP96b, HPN95, Jha93, JW94, LT90, Nik98, Pie90, Pie96]. **checking** [BB90, BJ94, CW99a, HPN95, Jha93, KPB92, KT99a, KSGT96, LT90, Lo96, RFKL93, SM90b, THL92, UWZ97]. **checkpoint** [Vai97, ZB97]. **checkpointing** [Gai90, PV94b, Vai97, ZB98]. **checkpoints** [BP92b, Wan97]. **Checks** [SM90a, CB96, NHA92, SJ93a]. **Checksums** [SM90a, SM90b]. **Chinese** [HP95]. **Chinese-Remainder-Theorem** [HP95]. **chip** [FTG92, KT99b, LS91b, Maz93, MYK+99, NV99, SL91c, TW95b, WSY97]. **chip-multiprocessor** [KT99b]. **chips** [SL92, Sta93]. **choice** [DBJ98]. **Choices** [BW95, CS92a]. **chordal** [HW95]. **Cipher** [Kuh98, BMP97a, LCL95]. **circle** [Hua92]. **Circuit** [CVMS99, CCGS98, DOP93, DR96, HTYP97, HRP99, KA94, KSL93, Lim92, Maz93, MY94b, PR94a, PR94b, PR98, RFM90, SAF90, Wei94]. **circuit-switched** [DR96]. **circuitry** [LH96, Tho97]. **Circuits** [Vui94, AR94, Bar92, BH96, BS92, BOH90, BS90c, Cha96, CT96a, CMS99, CR97, CA90b, CAK90, CL98b, Dam92, Dav90, DGY92a, DGY92b, Dro98, FW93, Fuj90, HM93, HRT+95, Hou99, HG96, KPB92, KIN+94, KM95, KKS93, LL96a, LIO94, LB99, LKL97, Lo96, NSUR98, PKI+96, Pie93, PK91, PR93a, PR95c, PR96b, PR96a, PR97a, PR99, RD96, RT94, SISU90, SB92a, SB97, SSDK95, SMOR98, TSH94, TSH95, WM92, XK92]. **circular** [Ara92, MS93]. **circulating**

[AD97]. **circumvent** [MS91]. **Class** [Kor94b, PDBH97, TA95, Aln93, AHT92, CU94, Cor94b, DKT96, FS94a, HF97, HPN95, HWB92, HWB93, Joh93, KS98, LS96a, LL96b, MM97a, MM95a, OSST96, SCG94, WH98, Yan98, YF92b]. **Class-congruence** [TA95]. **classes** [DBD94, KT92]. **Classification** [PR93a, DBD94, LS94a, TMS97]. **classifiers** [CFV91]. **client** [DM92, WNPM95]. **client-server** [DM92]. **client-server-like** [WNPM95]. **Clock** [Fis90, Chi94, CPK90, CL94b, EAK98, GP96a, KS90, LZM90, OS94, Pal94, RKS90]. **clock-controlled** [GP96a]. **clocked** [VT97]. **Clos** [MY94b, YM99, YW99]. **Clos-type** [YM99]. **Closed** [BHR94, WH99, BR90, KT92, LP91]. **Closed-form** [WH99]. **closure** [SM92a]. **cluster** [DYD94, GP97, MDyF94, TNC95]. **cluster-based** [MDyF94]. **clustered** [AHT92, BP93a, Hog99, MY96]. **clustering** [SK96]. **CMOS** [BSS94, CS90a, CL98b, HM93, KA94, QF92]. **co** [ABCW98, DMS95, DJ99, RT91a]. **co-NP** [RT91a]. **co-processor** [DMS95]. **co-synthesis** [DJ99]. **co-transformations** [ABCW98]. **Coda** [SKK+90]. **code** [BBT94, CLM+95, CW99a, CCCH93, CGC95a, DRW92, GB93, JH95, KGB95, LT90, PEH90, RFKL93, RCSSS94, SCC96, SW90, THL92, WL94, CBGC94]. **Coded** [Lo94b]. **codes** [AVR98, ABB93, ABB94a, ABB94b, Bos91, BAB92, BB92d, Che92, CT94b, CC96a, DSPN95, DDV90, DM97b, FM91, FRK94, FRK98, HF97, HPN95, HBA98, Joh93, KB96, Kat96a, KY92, KS93b, KR90b, LY96, Lin93a, MK90, Mon91, NA90, Nik91, NK92, Pie90, Pie96, SI93, SAR91, SW95, TB98a, TB98b, TB99a, THL91, WdB92, XSFR96, YL98, ZC90]. **coding** [BBRL98, BCH95, BJ94]. **coefficient** [WMD96]. **coefficients** [ORPP93]. **COFTA** [DJ99]. **Cohen** [KH93]. **Coherence** [MNL99, CB99, DW91, HSHG99, SVSB97]. **coherency** [Egg91]. **coherent** [NB93, PBND98]. **Cohorts** [JHK97]. **coincident** [KS96b]. **collaborative** [SBM+98]. **collapsing** [PV94a, VPB93]. **color** [CRS98]. **colored** [CDFH93]. **coloring** [CRS98, FS94b]. **column** [SM96b, WJM95]. **combination** [KRC99]. **combinational** [AR94, BSS94, CT96a, Fuj90, Hei91, HG96, KM95, LT90, PR96b, PR99, RT94]. **Combinatorial** [Lat93, CB95a, DPO95, TY92b, VT94]. **combine** [EAK98]. **combined** [ALB98, HSY97, LM99a]. **Combining** [CHH98, HLHC91, Tze92]. **Comment** [MM97a, BMP97a, JCMS97]. **Comments** [ABC92, BMP+97b, CK94, CL94b, Dav90, HNG94, Jun95, Kat94, KGB95, KY92, Mah94a, NC97, PMF96, Par94, PKI+96, PT92, Pha98a, RS94, SB94, SW94b, Weg94a, Wei96, WH94, Wil92a, YC94, JBS90]. **commit** [ALPS90, EZ92]. **commitment** [DLW91]. **common** [DMS95, GM98b]. **communicating** [CK90a, KS96c]. **Communication** [CB97, LD90, SS90b, BB95, DW97, DL97, Fuj99, GM91, GM98b, HR95a, HS98a, HHMC91, Ish95, KD94, LH92, LK96, MS99, PBB97, PS91, RHS98, TF92, TS94]. **communications** [IIK+91, LL97, LT93, LLJ97, QM93, YLC90, ZR97]. **commutative** [RS96]. **compacted** [LCS93]. **compaction** [CMH98, HRP99, PW95, RT93a, RP99]. **compactors** [ITZ96, Kop95]. **Comparative** [SC94, SY99]. **comparator** [KSGT96]. **compare** [PLJ94]. **compare-and-swap** [PLJ94]. **Comparing** [HW97]. **Comparison** [JP98, NT92, SSA94, Vai96, AVR98, Ber96, BP92a, BB99b, DIP93, KHW94, KK91c, Met91, Pel92, SD92, Wan99]. **comparison-based** [AVR98, Ber96, KK91c].

Comparisons [FTL93, DYD94, MY95]. **compensation** [LD94]. **Competitive** [BH98, CRMM98]. **Compile** [HL91a, HL97]. **Compile-time** [HL91a, HL97]. **Compiler** [ACFH95, BB90, LCFH95, CWM+95, LM99b, WDS+95]. **Compiler-assisted** [ACFH95, BB90]. **Compiler-based** [LCFH95]. **compiler-controlled** [CWM+95]. **compiler-inserted** [LM99b]. **complement** [SG90]. **complementary** [PHK94]. **complementation** [WM96]. **Complete** [LW95a, LW95b, AAL94, BBP91, Bok96, BW96b, CT92, GH91, RT91a, TNS99, ZPP91]. **completely** [HM91]. **completion** [CT93b]. **Complex** [BKM94, CV92, Kat94, ABCW98, DHK93, FSS99, LW91, SS92, WJ90]. **Complexity** [BP92a, SB97, AM93, Bar98, Bry91, CCL92, Dro98, DLN95, EAK98, Fuj90, HWB92, HB95, Hua92, KS98, KEA95, Lim92, LH90, Paa96, PK91, Rao93a, SB90, Szy97, TW95c, WH98, WHB98]. **component** [BB92a, CSS90, TS94]. **components** [LT95]. **Composed** [Wel94]. **composite** [Paa96, PFSR99]. **Comprehensive** [MOM91, XT99, CUC97]. **compress** [LP90]. **Compressed** [Zhe94]. **Compression** [PG97, KN90, PG91, Rob91, Tat97, WJM95]. **Compression-based** [PG97]. **computable** [Mul94]. **Computation** [ALB98, CL97, KL97, Kos91, TAY91, BM94, CK90a, CJ90, CB96, GPS93, Gre94, MT98, PR95a, SRK91, UP93, WD92, WMD96, WPZZ96]. **Computational** [Fuj90, RM94, Rao93a, CMD93, PS90, SWM95, dM90]. **Computations** [WG94, BH98, DA96, Fit97, Krä98, LO94a, MvdS90, MPKRS93, NR90, NO91, NLV91, QSA91, RSS97, RCB96, SL95, TRM95, TH91, WJ90, WJR94]. **computed** [DLN95]. **Computer** [Ano98b, Ber92, BR90, BNG92, CLL91, Che92, DG91, DDV90, FRK98, GL92, Han91, KK92, LK98, PS90, PLB93, PT92, Ser99, SWG92, SP96, Vui90, WW91, WHL93, dG90]. **computers** [BHBA91, CT92, CSS90, Dek98, DH91, FRU96, FY96, Hog99, HS93, IS94, KS96a, KS96b, LH92, OM91, PB99b, Raj96, RFB97, RF92, SIKS95, SSK+96, Soh90, TS99a, WH94, Yan93, Ano96a, Ano98a]. **Computing** [Ano97b, BT90, CL97, EL90e, MMM93, MS94, RHT95, Tri98, Ber93a, BCH93b, CH90, CL94a, EL92, FCL98, GLR+99, HL92a, HS96, JTK97, Kan96, KM97a, LW94, LS90c, LT95, Mer97, Pur91, SC90b, WP90, WL93, ZVDF96, ZR97]. **concentrators** [GO98]. **concepts** [Kin91]. **Conceptual** [Cyr94]. **Concurrency** [SBM+98, Uht92]. **Concurrent** [CR97, DA90, Hug93, KCCD99, KL92, OYY97, UR94, WK97, BM90, BL99, GP96b, HBAB95, JTY+99, LS91b, OYR95, OPLP93]. **concurrently** [LS90a]. **condition** [XK92]. **Conditional** [LHNP94, Lo98, KM92a, Lo97b]. **conditions** [CL92b, Par94, RN95, WdB92, YM99]. **cone** [PR99]. **cone-based** [PR99]. **Conference** [Tri98]. **configurable** [HS98b, SSH+99, TB99b]. **Configuration** [LaF99, CZSM99]. **configurations** [WL92]. **configuring** [NGB93]. **Conflict** [ASS94, HL91b, VLPA95, COK95, DBD93, MM91a, MMM96, VB96]. **Conflict-free** [HL91b, VLPA95, COK95]. **conflicts** [CL99b, KT99a, MS94, TG99]. **congestion** [GC97]. **congruence** [TA95]. **congruential** [OSST96]. **conjugate** [CL96]. **connected** [ASS94, AMB96, BB92a, BCS94, CS96a, CSS90, LT95, Mat90, MD95, OM91, Raj96, RF92, SC95a, Tze93, WH94, Zar95]. **connecting** [Hua92]. **connection** [MS98b, EL90e, MM95a]. **connections** [Ish95]. **Connectivity** [DHL96, DZLH93, LHNP94, PMF96, TS99a, Wil92b]. **conquer** [LZ94]. **consensus** [Kum91]. **conservation** [LS97]. **consideration** [CA92, HS94d]. **consistency** [CL98a, ZC98]. **Consistent** [Wan97, MRJ97]. **Constant** [CC94, DM96, LL92a, Lin93a, LO94a, Mie93, TAY91, NL90, SW94a, TB98a, TW95c]. **Constant-factor** [LL92a]. **constant-time** [TW95c]. **constrained** [Cha99, HLH96, HHS97, ZSR90]. **Constraint** [Sut91]. **constraints** [ASWW92, CL94a, DTAL93, HS97, Li97, SL95, SS94c, TW95a, WNS96]. **Constructing** [CL92a, Lin91, Yan90, ZS99, BB92d, LT93, YL98]. **Construction** [GRR94, SW95, HWB92, TYJ99, Wil93]. **constructions** [KB96]. **constructs** [HL97]. **consumption** [ZR97]. **contain** [Wan97]. **containment** [CS99]. **Contention** [TNC95, AMS96, DE92, DW91, Fri95, JW91]. **contention-based** [JW91]. **Contention-free** [TNC95]. **context** [HC94b]. **Continued** [Smi95, Vui90]. **Continued-Fraction** [Smi95]. **continuous** [KK91b, RBG98]. **Control** [SM90b, ACZD94, FRK98, FTL93, GS95, HF97, JW91, KBMP99, KMD97, LK95, LL91b, McC95, MMSS96, PR93b, Sav98a, SS94a, SW95, SBM+98, Vai95, ZR97]. **Control-flow** [SM90b, SS94a]. **controllability** [Fuj90]. **controllability/observability** [Fuj90]. **controlled** [Ber96, CWM+95, GP96a]. **controller** [KS96a, KS96b, MNL99, TKS94]. **controllers** [FSS99, LS90a]. **Convergence** [GGD96, HHB91, HTHR94]. **convergent** [BH96]. **conversion** [AM93, JH95]. **conversions** [Kor94a]. **converter** [CN99, RM91]. **Cooperative** [TH91]. **coordinated** [SC95a]. **copies** [HW97]. **Coping** [LRG91]. **Coprocessor** [KZ90]. **CORBA** [GS98]. **CORDIC** [ABZ96, ABLZ97, AVBZ97, DM96, DM93, EL90c, HTHR94, HC94a, HD95, HHB91, HN93, HC96, KC93b, LA98, LL92a, LS90b, PGS95, Pha98a, Pha98b, TAY91, THH92, WPS97, MMM93]. **CORDIC-based** [PGS95]. **correct** [Lam97]. **Correcting** [CBGC94, ABB93, ABB94a, BBT94, BAB92, Che92, CGC95a, DM96, DM97b, FM91, FRK94, GB93, Joh93, KGB95, KR90b, Lin93a, Maz93, MK90, Nik91, NK92, RCSSS94, RNA93, SI93, SAR91, SCC96, SW90, WdB92, XSFR96, YM92]. **correcting/** [Nik91]. **correcting/detecting** [WdB92]. **Correction** [Ano96b, Bou90, LTR96, Lo98, MBR96, NAH98, SP91, SBP91, VS93, BL99, DOP93, Kat96b, Kat97, KS93b, KL92, Red98, SL90b, WS95]. **correctly** [Lam97, LMT98]. **correctness** [KYM97]. **correlated** [TI92]. **Correlation** [GP96a, FM95]. **correlation-based** [FM95]. **Corrigendum** [DHL96, TWS93]. **Cosine** [TAY91, CJ90, Pha98b]. **Cost** [AEBV90, CSA94, AZ98, BS90c, CW99a, CGC95b, DDS98, GS93, JO93, JS92, LKK+94, PZ99, Pie90, QSA91, SJ95, San93, SB92a, SB97, SIKS95, Tze92, WSY97, dM90]. **cost-effective** [Pie90, Tze92]. **cost-effectiveness** [JS92, LKK+94]. **Cost-performance** [CSA94]. **cost-table** [BS90c, SB97]. **cost-tables** [SB92a]. **costs** [PZ99]. **Coterie** [YC94, KFYA93]. **Counter** [PW95, FM95, KLPS93]. **counter-** [FM95]. **Counter-based** [PW95]. **counters** [CA90a, CW94, KTM96, STE98, Tok94]. **Counting** [SM96a]. **coupled** [SMV91]. **Coverage** [CPA99, MV95, MAH98, PMW92, PMAC95]. **covering** [DM97b, HBA98, ZPP91]. **covers** [SM96b]. **CPU** [NV99, PHS99, TS98]. **Crash** [DW97, TS95]. **Creating** [TCW93]. **criterion** [Sch96]. **critical** [JHK97, Ung95]. **crossbar** [GO98, HM95, Wil92b]. **crossbar-based** [HM95]. **crossed** [KB95]. **Crossing** [MNKF90]. **crosspoint** [VC92]. **CRT** [CN99]. **Cryptanalysis** [LG97, O'C95]. **Cryptography** [NC97, BMP+97b, NKC94]. **cryptosystem** [LG97, TY92a]. **CSMA** [KM94]. **CSMA/CD** [KM94]. **cube** [ASS94, AMB96, BCS94, CA91b, Dal90, Dal91, ENS91, HSL96, Lat93, Lin93b, OM91, She95a, Tze93, WH97b]. **cube-based**

[ASS94, WH97b]. **cube-connected** [BCS94, OM91, Tze93]. **cube-type** [HSL96, She95a]. **cubes** [BBKA95, CL95, Dal91, GY95a, HBA98, JH95, KB95, LH91, OK99]. **cumulative** [BT90, DG91]. **current** [KIN+94, PKI+96, SISU90]. **current-mode** [KIN+94, PKI+96]. **cut** [DRS91, HV91, KS92, KM94, SWK90, Tra96, Vij91]. **cut-through** [DRS91, KS92, KM94]. **CVS** [Jha93]. **Cycle** [LD94, BCLR97, GC97]. **cycle-stealing** [BCLR97]. **cycles** [AMB96, BCS94, DT93, Tze93]. **Cyclic** [HKL98, SM90a, GK92].

d [RCSSS94, CSA94, COK95, KR93, SLH97, Tse97, TNC95]. **D-mesh** [TNC95]. **d-UED** [THL91]. **d-unidirectional** [RCSSS94]. **D.** [ABC92, CLL91]. **Damage** [LS98]. **Data** [BH92, JK92, Wel94, WS91, AMS96, AHT92, BHS92, CL90, CB95c, HL91a, HBA98, IYI90, JLC98, KRC99, KR90a, Kum91, MS93, MRT97, MF92, NR90, PNDN99, PM91, PB99b, RTZ98, RNA93, Rob91, SJ93b, Tak92b, TRS+99, TH91, WPS96, WK97, YY97]. **data-access** [WK97]. **data-dependent** [HL91a]. **data-driven** [SJ93b]. **data-flow** [HL91a, PM91]. **data-parallel** [TH91]. **Database** [SL90a, FNS95, GS95, HS93, LLS91]. **databases** [LL90, Leu97a]. **dataflow** [AN90, GB90a, HL97]. **David** [Dav90]. **DB** [LLS91]. **DBEC** [KY92]. **DC** [YL98]. **DCC** [OSST96]. **DCVS** [KPB92]. **de-skewing** [COK95]. **dead** [MTP93]. **deadline** [BS99, HS97]. **deadlines** [ACZD94, HR95b, HR97, RKJZ99]. **Deadlock** [KS93a, Bel90, BBB+94, CG94, GDYS96, LH98, Pin99, SS96]. **Deadlock-free** [KS93a, CG94, GDYS96, LH98, SS96]. **decision** [BAA95, BOH90, BHSB97, CK90a, Cha93, FC97, FS90, LV99, LPV96, LL91b, MM91b, OCVSV98, Pur91, Weg94a, ZV98].

decision-making [CK90a]. **decoded** [IS94]. **decoder** [IDI95, SCC96, SLN97]. **decoders** [AVR98]. **decoding** [HP95, KY92, TB99a]. **decomposable** [LNS94]. **Decomposition** [Kat94, SS92, SV94, CR90b, CJ90, CL90, CYH91, DBJ98, EL90e, Hwa97, LIO94, LW95a, LW95b, LP91, NS90]. **decompression** [RTZ98]. **Decoupled** [Sez97, KHC94]. **deeply** [McC91, McC95]. **defect** [KKS93, LKK+94, SK96, TSH94, TSH95]. **defect-tolerant** [KKS93, TSH94, TSH95]. **deferrable** [SLS95]. **Deferring** [HR95a]. **defined** [LL91a]. **Degradable** [VP95, LS95]. **degrading** [CSSP90, SN99]. **degree** [Aln93, BHBA91]. **Delaunay** [SBP91, SBP90]. **Delay** [BB95, CSTO92, PW95, AVR98, BAA95, BAA98, BE92, Cha96, CS96b, CKC96, Coh93, FFS92, GL93, Gre94, HG96, KH93, KM95, KD94, LHS+98, LH96, LMT95, McC91, McC95, PMW92, PR96b, THL92]. **Delay-insensitive** [BB95, AVR98, LH96]. **delay-sensitivity** [BE92]. **delay-verifiable** [KM95]. **delays** [KT91a, PLM91]. **Deleting** [PRS94]. **Delimiting** [Yok92]. **delivery** [HKC97]. **delta** [CC96a]. **delta-** [CC96a]. **DEMUS** [McC95]. **denotational** [Bou90]. **denumerable** [RS95]. **DEPEND** [Gos97]. **Dependability** [AKL90, SRHI98, TI93, ACC+93, Gos97, MD95, Rai95, SJP96, TS99b]. **dependable** [GSH+92, HS98a, LKL98, NNHG93]. **dependence** [KT99a, SHC96]. **dependencies** [RT96, SF91, SF92, Uht91]. **dependent** [HL91a]. **Depth** [SRK91, DFM95, HTYP97]. **Depth-size** [SRK91]. **derivation** [Pal94]. **derivations** [Sch98]. **Deriving** [BAA98, CKLY98, SA98]. **description** [DA90, KSNM91, Mil91, SS91b]. **Design** [ABB93, ABB94b, BP94, BAA97, CPRV95, CSSP90, CS96c, CBGC94, FTG92, GW91, KPB92, KC93a, KS96a, Maz93, MRJ97, MC92, MRT97, NB93, NAH98, OF97a, Pie90, Pie94, Pie96, PBND98, SM92a, SHHJ93, SB92b, Szy97, TB98a, TC95, WS98, Wil92a, AE94, Ber92, BZ92, BS90c, CCGS98, CS90a, CW99a, Cd93, CCCH93, CK94, CG96b, CL99a, CS92a, CGC95b, DOR91, DH92, FL92, GB90b, HK90, Hla92, Hon90, IDI95, KS91, KA94, KIN+94, KH97, LY96, LLS91, LHF93, LC90, LK90, LO97a, LH96, LT90, LH90, LS94b, MM95b, MFH91, MC94, MJ92, Nik91, NK92, OFW92, PKI+96, PFP99, PS93, PR95b, PZ93, RCSSS94, SJ95, SM97, SB92a, SB97, SJB91, SS91b, SJ93a, TLE97, TB98b, TK96, TS99b, TY92b, VP93, WC96, WP90, WJM95, WT90, WDS+95]. **design** [WC99, XK92, Yan93, ZV98]. **Designing** [HLP93, JCSM96, Kan93b, MM91b, CT98, DH90, EAK98, JCMS97, PG91, THL92]. **Designs** [SS94b, GP98, LB90, RTZ98, RFKL93, SY99]. **Destage** [VJ98]. **Destination** [RFS92]. **Detailed** [LBF92]. **detect** [PR96b, TMS96]. **detectable** [Oik92]. **Detecting** [LB99, ABB94a, BBT94, BAB92, DDV90, GB93, Joh93, KGB95, KR90b, Lin93a, MK90, Nik91, NK92, RCSSS94, SS90a, SI93, SAR91, SW90, WdB92, XSFR96]. **Detection** [JBS90, LFH92, SF96a, AR94, BBRL98, BM90, BS92, CH90, CR97, Dam92, DW90, Fri94, Hei91, Hug93, Jha93, JW94, KRM95, KL92, LL96a, LH90, MMJ91, OYR95, RB90, RCBB96, Ser99, SJ93a, TSS95, WeBM97, WK97]. **detections** [PR99]. **Determinacy** [SK92b]. **Determination** [HS96, CT97b, HNY93, TL96]. **Determining** [WRS95]. **deterministic** [BK95, KTM96, KMM91, Kus90, Sch96]. **development** [IIK+91]. **device** [TPDB98]. **devices** [GM98a]. **DFT** [Ara90, SA98]. **Diagnosabilities** [KK91a]. **Diagnosability** [VJ93, Wan94b, Wan99, LB90, NL90, RT91b, RT91a, SP96, SR93]. **diagnosable** [RS94, SD92, XH95]. **Diagnosing** [RF92]. **Diagnosis** [BP93b, KLV94, RT99, TS99a, BB92c, BP92a, BSM92a, BSM92b, BB99b, CSF90, CCBC98, DTAL93, DF90, DP97, DN98, FBL96, FHA94, KK91a, KF97, KK91c, KF92, LS93, LYS95, Pel91, Pel92, Pel98, Rag96, RDZ95, Rao93a, Rao93b, SD92, SLD95, Som90, SA92, SCW91, VP94, VJ93, Wan99]. **diagnostic** [KC93a]. **diagnostics** [Sav98b]. **Diagonal** [TP94, LS94b, Pea96, Tse97]. **diagram** [Pur91]. **diagrams** [BAA95, BHSB97, Cha93, FC97, FS90, LV99, LPV96, OCVSV98, Weg94a, ZV98]. **diameter** [BS93b, CCD+92, Efe91, KTS90, Lat93]. **dictionary** [LP90, PR97a]. **dictionary-based** [PR97a]. **difference** [PBB97, SISU90]. **different** [San93]. **Differential** [CK90b, DM96, GM98a, O'C95, RCBB96]. **Digit** [Kor94a, Par90, PK94, AW93, CR90a, CT91a, GM98a, MC93, MC94, MC95, Par93, Pou97, WH99]. **digit-by-digit** [MC94]. **Digit-set** [Kor94a]. **Digital** [Ano96b, AB98, BP98, BS92, Bou90, Cd93, CR97, Kip94, MM95b, PK91, PR97a, RD96, SAF90, YL95b, YL95a]. **Digraph** [DHL96, DZLH93, FL92, PMF96]. **digraphs** [Kno96, PS99]. **Dijkstra** [Bar98]. **dilated** [Tse97]. **dilated-diagonal-based** [Tse97]. **dilation** [MH90]. **dimension** [SWT93]. **dimensional** [CM96a, FL98, IO98, IO91, KT99a, Maz93, RBG98, SF96a, ST96, TW95b, UVM97, Ver92, WM91, WG98b]. **dimensions** [BCH95, RYT95, SBP90, SBP91, YTR94]. **Diogenes** [BB92b]. **Diophantine** [BMP97a, LG97, LCL95]. **direct** [BB91, GDYS96, SV97]. **direct-form** [BB91]. **direct-mapped** [SV97]. **directed** [BS93b, PB99a]. **disagreeing** [HW97]. **discovered** [KOIH92]. **Discrete** [KK91b, CJ90, CW94]. **disjoint**

[CT97a, FA96, TCW93, WL94]. **Disk** [FM91, BBBM95, CPRV95, DKL90, FR97a, Gai90, KT91a, LK93, MY95, Ng91, NM94, TSW92, VJ98]. **disks** [BBRL98]. **dispatching** [GPS95]. **display** [MS94]. **dissemination** [BH94, KT91b]. **dissimilarity** [OZL96]. **dissipation** [WG98a]. **Distance** [HLH96, BHBA91, BBKA95, BS93b, KTS90]. **Distance-constrained** [HLH96]. **distances** [LYW94]. **Distortion** [LVB+93]. **Distributed** [AG94, GDYS96, LW94, LK99, RB97, SS90b, Sav99, SLD95, SL90a, SA92, SW94b, Tri98, WW91, WDS+95, YMG99, AV97, ALPS90, AHT92, BBD97, BHS93, BH94, BB92c, BNG92, BES+96, CK90a, CB99, CL94a, DJ99, DN98, FP98, GHH93, GYY98, Gun97, HL92a, HLB+97, HSHG99, HJ92a, HS94c, HS94d, HS97, IO91, IA91, IJN94, KM97a, KK92, KS96c, KA96, LS93, LYS95, LK98, MvdS90, MS95, OS94, RKS90, RDZ95, RPW98, SKK+90, ST95a, SC94, SB94, SWG92, SC90b, SES+92, SI94, Tze94, TS95, WNPM95, WF90]. **distributed-memory** [Tze94]. **distributed/parallel** [LK98]. **distributing** [CS96c]. **distribution** [Chi94, DG91, KLL97, KKS93, NM94, YY97]. **divide** [LZ94]. **Divider** [NL99, HB92]. **Dividers** [LTR96, LTR93, PV90]. **divisible** [BHR94]. **Division** [BW96a, CL94c, ELM94, Has97, Man95, OF97b, OF97a, WF92, ALB98, BW95, CR90a, Dow92, EL90d, FBT96, GW98, HTHR94, HK95, ITY97, LM99a, LC92, Man90, Man93, MPG98, MC92, MC93, MC94, MC95, MLK98, QM93, SF93a, SP95, SPM97, Wal98]. **Division-and-accumulation** [Has97]. **division-free** [HTHR94]. **division/square** [ALB98, LM99a]. **division/square-root** [ALB98]. **divisions** [WL93]. **DOACROSS** [HKL98]. **Doing** [Pea96]. **domain** [HTHR94]. **dot** [DM97a]. **Double** [DJM99, Has98, Pha98b, BBBM95, CC92, CT97a, GB93, HW95, Joh93, KGB95, PT92, XSFR96]. **Double-Base** [DJM99]. **Double-basis** [Has98]. **double-integer** [CC92]. **double-loop** [HW95, PT92]. **down** [STE98]. **DQDB** [MB93]. **drawing** [PT98]. **drawings** [SY91a]. **Driven** [Tan92, GL92, Mah94a, SJ93b, TWS92, TWS93]. **dropping** [KACV94, PR95a]. **DS5002FP** [Kuh98]. **DSM** [DP99]. **DSP** [CKY+99, DPO95, ST95b]. **DSPs** [MYK+99]. **Dual** [JP98, FBT96, HHS97, SSS97, WHB98]. **dual-bus** [HHS97]. **dual-link** [SSS97]. **Dual-Pass** [JP98]. **Duato** [OK99]. **duplex** [Fuj99, Vai96]. **duplication** [ZB98]. **Duprat** [Pha98a]. **during** [GP96b, Har92, WG98a]. **Dynamic** [FTYZ90, HS93, JTY+99, MMM96, CSTO92, CK99, CCCC96, DRW92, DW97, FS96, HL97, HR95b, HR97, HL91b, LVB+93, Maz93, NR90, RW98, RP99, SSH+99, SS93a, WJR94]. **Dynamically** [TF92, CMS99]. **Dynamically-allocated** [TF92].

Easily [Sas97, WC90, CCC96]. **easy** [CL99a, CW94]. **easy-to-use** [CL99a]. **EC** [BB92d]. **EC/AUED** [BB92d, KB96, YL98]. **EC/d** [THL91]. **ED** [HF97]. **Edge** [FA96, KT91b, LNS94, LPV96]. **Edge-disjoint** [FA96]. **edge-valued** [LPV96]. **editing** [IJW92]. **Editor** [Tri98]. **Editors** [BC97, GL99b, KP98, MV99]. **Effect** [HJ92b, MS98b, BP96, CCCH93, SS95, SK96]. **Effective** [CB95c, GPZ99, Pie90, RYT95, Tze92, ZI92]. **effectiveness** [JS92, KA96, LKK+94]. **Effects** [KLH+99, ATF98, CS92b, EANPH93, KS96b, KHC94]. **efficiency** [CPV91, DB91, TS94]. **Efficient** [Ber96, BSM92a, CL96, CT94b, FE97, Fow93, GM94, HPN95, HJ92a, HC92, ITY97, LS95, MBR95, MBR96, Met91, Mon91, NAB96, OM95, PFR98, RFB97, RBK90, RP99, SBP90, SZN92, TL96, WHL95, WH97a, ABB93, ABB94b, Ann97, AMB96, Bel90, BBBM95, CF95a, CT94a, CB99, CW94, CHH98, CG94, DGY92a, DDGS97, DL97, Fri94, GPS93, GLR+99, HTCT91, JLC98, Kam92, KIN+94, KSL93, LS93, LK95, LL96b, MM91b, OYR95, PKI+96, PA96, PEH90, Pin99, Pur91, RD96, WL90, Wu95]. **eigenvalue** [BC99, GPS93]. **Election** [AAL94]. **elections** [MS98a]. **electronic** [Mit92]. **element** [FHA94, ST95b, TRM95]. **Elementary** [BKM94, KZ90, SS94b, SS99, WG94, WG95]. **elements** [Dro98, Mat90, SJ93b]. **Eliminating** [McC91, TG99]. **ELM** [KOIH92]. **embedded** [CKY+99, DJ99, LKL98, Nik98]. **Embedding** [ARS95, BDN96, BCGS96, BCS94, DT93, Ell91, GH91, KB95, MH90, YTR94, CDP98, GC97, LK99, RB93, RB97, SLH97, TC94]. **embeddings** [MNKF90, MPS94]. **empirical** [ST96]. **Emulation** [Mat90]. **encoded** [VSS91, VS93]. **encoder** [HB95]. **Encoding** [Kat94, Lo96, SS92, TB99a]. **encryption** [HT95, Kuh98]. **end** [RKJZ99]. **end-to-end** [RKJZ99]. **energy** [ZR97]. **enforced** [McC91, McC95]. **engineering** [Kin91]. **Enhanced** [TW91, PI93, SLS95, Wan94b, Wan99]. **enhancement** [GOH92, KF92]. **enhances** [BS97]. **Enhancing** [MV99]. **Enriched** [BBD97]. **Ensure** [CK90b]. **entries** [JHK97]. **enumeration** [LC90]. **Environment** [SS90b, CCG+91, CRP+96, CS92a, CW99b, CI92, CCCC96, Dae91, DYD94, Gos97, IOP99, KSNM91, RT99, SKK+90, SZTN91]. **environments** [BS99, PDBH97, SLS95]. **equation** [LG97, WM91]. **equations** [Ber93a, BMP97a, Jun95, LCL95, PBB97, RCBB96, SISU90, TLROL93, Ung94, WM98]. **equipartitioning** [GDY90]. **Equivalence** [TSH95, YA90, BS90c, Cor94a, Lio93].

erroneous [LRG91]. **Error** [ABLZ97, BGM+95, CBGC94, FRK94, HP95, Lo94b, PGS95, ZR97, ABB93, ABB94a, BM90, BAB92, CR97, Che92, CGC95a, CB96, DOP93, DDV90, DM97b, ESS98, FM91, Fit97, FRK98, HF97, HH93, Hug93, IN96, KKA95, Kat96b, Kat97, Krä98, KS93b, KR90b, KL92, Maz93, MK90, Mon91, Nik91, NK92, OYR95, RCSSS94, Red98, RCBB96, SAR91, SCC96, SL95, SJ93a, SW95, SL90b, TB98b, Vai95, WS95, XSFR96]. **Error-Coded** [Lo94b]. **error-correcting** [ABB93, Che92, CGC95a, DM97b, Maz93, RCSSS94]. **error-detecting** [RCSSS94]. **error-detection** [RCBB96]. **errors** [BBT94, Fit97, GB93, Joh93, KGB95, Lin93a, SI93, SW90, WdB92, YS96]. **Estelle** [CA91a, LL91a]. **Estimation** [GOH92, Cor96, CPA99, HC93, MV95, Red98]. **Estimators** [PMAC95]. **Ethernet** [CK91]. **Euclid** [GW98]. **Euler** [TYJ99]. **evaluate** [GP98, TSH94]. **Evaluating** [CS92a, HR97, KZ90, Rai95, TK97, DG91, Maj96]. **Evaluation** [CL92b, Par94, PFP99, AKL90, ACC+93, BB97, BP94, BD95, Ber92, CPV91, CT96b, DDS98, DP99, FTG92, GB90a, HHMC91, HS94b, IS94, KA96, LLS91, MP90, MRJ97, MD95, MY94b, NO94, NHA92, PLB93, PMAC95, RBS99, SN99, SJP96, TN93, TS98, WG95, WHL93, ZVN92]. **even** [Tho97]. **EVENODD** [BBBM95]. **event** [CW94, KCCD99]. **events** [HBAB95]. **every** [FHA94]. **Exact** [LG92, OCVSV98, Vui90, HBAB95]. **Exactly** [SS94b]. **Excel** [ZCT99]. **Excel-NUMA** [ZCT99]. **Exception** [DL94]. **exchange** [Bok96, Hua90, HTCT91, MB95, RB91, Sch92, TNS99]. **exclusion** [HY99]. **executable** [PD99, RM91]. **execute** [Lam97]. **Executing** [AN90, Uht92]. **Execution** [KS96c, CWM+95, CL94a, Hog99, IOP99, Leu97b, Li97, SSK+96, TD93]. **exhaustive**

[GRT96]. **exitory** [LB99]. **EXOR** [BS93a]. **Expanding** [HHB91, CCCH93]. **expansion** [WPZZ96]. **expansions** [KT92, LM92c, Pur91, RF99, VR94]. **Expected** [Rao93b, CK91, KS90, LMT95]. **Expected-value** [Rao93b]. **experiment** [LKK$^+$94]. **Experimental** [NP90, CI92, IYI90, Pal94]. **experiments** [BCSS90, Ber92, DF90]. **exploit** [XT99]. **exploitation** [CL96]. **Exploiting** [DP99, MV99, SS94a, PRASA99, TRS$^+$99, Tem99, TS99b, TSS95]. **Expm1** [Tan92]. **Exponent** [Yok92]. **exponential** [Kan96, Man95]. **Exponentiation** [Wal98, Ara93, HTYP97, Tak92a, Wan94a, WH97a]. **exponentiations** [WP90]. **exponents** [PFSR99]. **Express** [Dal91]. **expression** [ESS98, WH99]. **expressions** [BS93a, DTB96, Dre99, MP90, Sas91, Sas97, SV95, Sri90]. **Extended** [SM90a, AMB96, GM94, LS94b, SM90b]. **Extended-Precision** [SM90a, SM90b]. **Extending** [Fit97]. **extensible** [CT98]. **Extension** [KL97, AS92b]. **extensions** [DDS98]. **external** [BL92, ESS98]. **external-** [ESS98]. **externally** [VT97]. **extra** [HSL96, She95a, She95b]. **extra-stage** [She95a]. **extraction** [Uht92]. **Extreme** [SC90c].

F. [Wil92a]. **Factor** [TAY91, CJ90, DM96, LL92a, LS94b, WS91]. **Faddeev** [Meg92]. **Fail** [Nic98, BES$^+$96, LC98b]. **Fail-safe** [Nic98, LC98b]. **fail-silent** [BES$^+$96]. **failure** [BP93a, CT93b, FR97b, HR97, NNHG93, WHK97]. **failures** [AAL94, AA92, BGJ$^+$96, BBBM95, CS96a, IYI90, NM94, PT92, SK94, SCW91, TI92, TS94, TS95, YM92]. **fair** [LD94]. **fairness** [MB93]. **False** [TLH94]. **family** [CT94a, CG97, DMS94, KT91c, SES$^+$92]. **fan** [LL96a]. **fan-out** [LL96a]. **fanout** [Lio93]. **fanout-point** [Lio93]. **Fast** [CRS98, CY95, CN99, DS94, DPO95, DTB96, DM93, EL90a, Fag92, FY96, HRP99, JO93, Kus90, LM92b, Lo98, NNHG93, PFSR99, RF99, WF92, WG94, WG95, ZVN92, AZ98, AHT92, ANR96, CF95a, CT91a, CT92, Dal92, DIP93, EZ92, Fio99, Kan93a, KOIH92, KS93b, Lo97b, Meg92, Mie93, OVL96, Pha98b, Saa95, SP95, STE98, TSH94, Wan94a, WPZZ96]. **Faster** [DL94]. **fat** [Gre94]. **fat-pyramid** [Gre94]. **Fault** [ACC$^+$93, BCSS90, BGM$^+$95, BC95, BCH93a, CDHT99, CS99, DF90, Jha93, KRM95, KF92, LCT97, LH90, LKW97, MRB90, MV95, MS95, RB93, SCD$^+$95, SR91, SCG94, TK96, VP93, VC92, WG98b, ASS94, Als92, AKL90, AK96, BR90, BR93, BR94, BRS$^+$90, Bar92, Ber96, BP98, BP92a, BSM92b, BB99b, BP95, BP96, BCH95, Cha96, CB95b, Cd93, CF90, CS90b, CU94, CUC97, CW99b, CW96, CC97b, CPK90, CI92, CS96c, CPA99, CS92b, Dam92, DTAL93, DJ99, DG91, DH90, DH92, DA96, DM97b, FP98, FRK94, FFS92, FA96, Fri94, Fuj99, GB91, GRR94, GP97, Hei91, HJ92b, HNG94, JHK97, JW94, KKA95, Kan90, KACV94, KS93a, KLL97, KK91c, KH97, LaF99, LNS94, LL96a, LMJ93, Lat93, LS96a, LH92, LK96, LK99, LS94a, LH91, LBF92, Maz93, Mel92, NA90, NHA92]. **fault** [NAB96, NG90, OPT92, PM98, PMW92, PS90, PLB93, Pel91, Pel92, PR93b, PR95a, PR95c, PR97a, PMAC95, PV94b, RS94, RYT95, Rai95, Rao93b, RB90, RNA93, Red98, RR93, RCB96, ST95a, SC94, SJB91, SLD95, SK94, SS91a, SY91b, SJ93a, ST95b, SJP96, Som90, SP96, SL92, Sta93, SR93, SRHI98, Sto93, SS96, SW97, SR96, TT90, TK97, TSS95, THZ$^+$99, TYJ99, TS95, VJ93, WJ94, WL94, WRS95, WH97b, YF92a, MM95a]. **Fault-containment** [CS99]. **fault-diameter** [Lat93]. **fault-free** [ASS94]. **fault-injection** [CPA99]. **fault-state** [SK94]. **Fault-tolerance** [VC92, SL92, Sto93]. **Fault-tolerant**

[BC95, BCH93a, LKW97, MS95, RB93, SCD$^+$95, SR91, TK96, VP93, AKL90, ACC$^+$93, BR90, BR93, BR94, Bar92, BP98, BCH95, Cd93, CF90, CS90b, CU94, CUC97, CW99b, CW96, CC97b, CPK90, CS96c, DG91, DH92, FP98, Fuj99, GB91, JHK97, Kan90, KS93a, KLL97, KH97, LS96a, LH92, LK96, LK99, LBF92, Maz93, NA90, NHA92, PM98, PS90, PLB93, PR93b, PV94b, RNA93, ST95a, SY91b, SJ93a, ST95b, Sta93, SS96, SW97, TT90, TYJ99, TS95, VJ93, WH97b]. **faults** [AR94, BP94, BAA95, BCS92, CRP$^+$96, CH90, CT96a, CB97, CCBC98, CKC96, CL98b, DP97, HD98, HS94a, HG96, JBS90, KS96b, LM92b, LG95, LB99, Lio93, LFH92, Oik92, Pel98, PW95, Pol95, PR93a, PR96b, PR97b, PR98, PH93, SF96a, SW94a, TL96, Ver92, WK97, ZWL98]. **faulty** [BH94, BNL93, BJ91, BCS94, CA90a, CT97b, Fra92, GDYS96, GMP94, LS90c, MS98a, PB97a, RS96, RB97, RN95, WY95, Wu97, WG98b, YTR94]. **FBDD** [GM94]. **FDDI** [HR95a]. **features** [ABCW92, SCD$^+$95, SES$^+$92]. **feedback** [CA90b, GK92, HRT$^+$95, Rob91, SM92b]. **feedbacks** [Hla92]. **Feng** [LHL99]. **FERRARI** [KKA95]. **fetch** [HNR90, PFP99]. **fetch-and-add** [HNR90]. **FFT** [OYR95, WJ94]. **FIAT** [BCSS90]. **Field** [Yok92, IYI90, Paa96, PK93, WHB98, ZWL98]. **fields** [Dro98, HB92, HWB92, HWB93, KS98, Paa96, PFR98, PFSR99, WL93, WH98]. **FIFO** [vdBT93]. **file** [CL96, HW97, Met91, SKK$^+$90]. **filters** [BB91, LHF93, MM95b]. **final** [CM96b]. **Finding** [FS90]. **fine** [RSS97]. **fine-grain** [RSS97]. **Finite** [DB94, HH93, CK90a, CCC96, CKLY98, DOR91, Dro98, HB92, HWB92, HWB93, HB98, IJW92, KMM91, KS98, LY94, MY94a, Oik92, Paa96, PR97b, Ros90, TRM95, WL93, WJR94, WMD96, WH98, WHB98]. **finite-state** [IJW92, LY94, Oik92, PR97b]. **firm** [HR95b, HR97]. **first** [NT92]. **first-in-first-out** [NT92]. **Fixed** [KSS95, CRC96, CR93, DTB96, LHS$^+$98, MRT97, Raj96, TMS97, WMD96]. **fixed-coefficient** [WMD96]. **fixed-polarity** [CRC96]. **fixed-priority** [LHS$^+$98]. **fixed-size** [CR93]. **fixed-width** [MRT97]. **flattened** [PB99a]. **Flexible** [FNS95, Pin99, ACH$^+$97a, ACH$^+$97b, KKA95, RM94, RPW98]. **Floating** [BGM$^+$95, CV92, Has90, JP98, Lo94b, OY91, OF97a, SLW98, Tan92, Yok92, Fit97, Krä98, MLK98]. **Floating-Point** [CV92, Has90, JP98, Lo94b, OY91, OF97a, Tan92, Yok92, Krä98, MLK98]. **flow** [BHS92, CL90, CT91b, HL91a, JK92, LK95, PM91, PB99a, PB99b, SM90b, SS94a, Tak92b]. **fly** [EL92]. **FOCUS** [CI92]. **folding** [HLHC91]. **forbidden** [WG98b]. **force** [PB99a]. **Foresighted** [ASWW92]. **fork** [LP91]. **fork/join** [LP91]. **form** [BHR94, BB91, Fal99, Man95, Sch98, WH99]. **Formal** [LPV96, Win95, CW99b, KSNM91, Mil91]. **Formalization** [Kin91]. **formally** [BSM97, HHMC91]. **formed** [CDFH93]. **forms** [TMS96, TMS97, WM98]. **formulas** [HNY93]. **Forward** [FC97, BBB$^+$94, PV94b, PV97]. **foundation** [SS91b]. **foundations** [Nic98]. **Four** [McA92, DMS95]. **Fourier** [CT91a, Mie93]. **FPD** [WC99]. **FPGAs** [CMS99, HD98, RN95, ZV98]. **Fraction** [Smi95]. **fractions** [Vui90]. **frame** [Har94, Wei96]. **Frames** [CF95b]. **Framework** [Par90, PK94, GSH$^+$92, PLB93, PG91]. **Free** [RYT95, SC90a, Yok92, ASS94, COK95, CG94, FW93, GDYS96, HTHR94, HL91b, Joh95, KWF95, KS93a, LL96a, LH98, LKL97, SS96, TNC95, VLPA95, YTR94]. **freeze** [CR97]. **French** [KBMP99]. **frequently** [CF95b]. **friendly** [SZTN91]. **FRIENDS** [FP98]. **FRR** [SJ90]. **FTRE**

[Rai95]. **full** [CF90]. **full-use-of-suitable-spares** [CF90]. **fully** [OK99, SST92]. **Function** [Lew94, OY91, Tan92, WG94, CS92b, JM96, LLS91, LP99, VR94, WM96]. **Functional** [PHS99, SS91a, Fri94, FSS99, Gun97, Soh90]. **functionality** [YA90]. **Functions** [BKM94, Fow93, KZ90, SS94b, SS99, AEBV90, AEBVZ91, BC99, Bry91, BS90c, BHSB97, DMS95, DGY92a, Dre99, DLN95, FC97, Fal99, HTHR94, HNY93, HM91, JBA+97, Kan96, KEA96, Kun92, LL92b, Lin91, Lu97, MBNSV93, MMM93, Mul94, PI93, Par93, RFB97, San93, Sas91, Sch96, Sch98, TMS97, Weg94b, WG95, YM92, ZV95]. **fundamental** [HNY93]. **Further** [JBS90]. **Fused** [JP98]. **FUSS** [CF90]. **future** [HS94d]. **Fuzzy** [Kos94, SISU90, LL91b].

GaAs [PLM91]. **gallium** [MFH91]. **Galois** [PFR98, PFSR99]. **Gamma** [TCW93]. **gate** [BE92, CRP+96, HM93, THL92, ZWL98]. **gate-level** [CRP+96]. **gates** [BSS94]. **gathering** [BPRR93]. **Gaussians** [SWT93]. **General** [CC92, FTYZ90, LL92b, Lin93b, NNHG93, RCS92, THL92, vdLS93]. **Generalization** [Vij91, XSFR96]. **generalizations** [Kor94a]. **Generalized** [CLL91, Dam92, OPLP93, Par90, Red98, TMS96, WPZZ96, BL98, BL92, BM90, CA90a, Cor94b, LW95a, LW95b, Par93, Pur91, RFKL93, SG90, Sas97, SB92b, SK92b]. **generate** [WP90]. **generated** [LIO94, RT96]. **Generating** [Ann97, CAK90]. **Generation** [CKC96, CT91a, Lo98, OY91, SM96b, VR94, BBP91, BAA95, BAA98, CT96a, CA91b, CCCC96, DC93, KSL93, LL91a, Lo97b, MBGT91, MAH98, NK97, OVL96, ORPP93, Pha98b, PR94b, PR97b, PR99, RD96, RT93b, Sav99, SS91a, SS91b, SJP96, TS91]. **generator** [BK95, LS96b, WS98]. **generators** [CG96b, GP96a, Gol96, GRT96, Pie94, ZVDF96]. **Genetic** [BM96, CRC96, MYK+99, PR99]. **genus** [HB94]. **geometric** [BB92a, LW91, RBG98]. **Geometrical** [PK93]. **geometry** [Mie93]. **given** [Wan97]. **Global** [RS96, DYD94, SWWW94, Wan97, WY95]. **Globally** [DP97, Ber96]. **goal** [LF96]. **good** [FHA94]. **Gordon** [Hwa97]. **Gossiping** [BHS93, Fra92, FY96]. **gracefully** [CSSP90, LS95, SN99]. **grain** [BOI94, RSS97]. **Graph** [OdSC96, BDN96, BB99a, BC99, Bry91, BM96, CYH91, Fuj99, KF97, KTS90, LKL97, LCT97, Mer97, PT98, Pel91, Rao93a, Sch92, SWK90, SR91, Tra96, TS97, Wil93, YLC90, YK98]. **graph-based** [Mer97, Rao93a]. **graph-construction** [Wil93]. **Graphs** [DHL96, Als92, ARS95, BNL93, Bar98, BHS92, BCS94, CL90, DBD93, DT93, DZLH93, GB91, GE92, GS93, HL91a, HL97, HB94, KWF95, MLD93, MNKF90, MPS94, OSST96, PMF96, PB99a, PB99b, TA95]. **GRASP** [MSS99]. **Gray** [JH95]. **GRD** [MYK+99]. **Greedy** [BB99a]. **grids** [Ell91, MH90, RBG98]. **Group** [Bos90, CG97, LY96, MPS94, NM94]. **groups** [CCD+92]. **Growing** [SM93]. **Guaranteeing** [ACZD94]. **guard** [TLE97]. **Guest** [BC97, GL99b, KP98, MV99, Tri98]. **Guibaly** [Wil92a]. **guide** [SS91a].

H. [PT92]. **Haar** [FC97]. **HaL** [SCD+95]. **Half** [Ros90, Fuj99]. **half-duplex** [Fuj99]. **Half-hot** [Ros90]. **Hamming** [AW93]. **Handling** [DL94, KCCD99, TD93]. **handoff** [FCL98]. **Hard** [VSS91, VS93, AS93, BS99, GPS95, Pol95, SLS95]. **Hard-wired** [VSS91, VS93]. **Hardware** [BKM94, EW93, Fow93, KC93b, OY91, RKS90, RPW98, SS94b, SF96b, WG94, BP94, CM92, CF90, CB95c, CPK90, DJ99, DA90, Fer91, FS96, FTG92, HH93, Kan96, Mil91, PR93b, PR94b, RFB97, TY92a, Tak92a, TS98, Uht92, WZXX93, WK97, WSEZ90, XT99, YS96]. **Hardware-assisted**

[RKS90]. **Hardware-Based** [WG94, CB95c]. **Hardware-Oriented** [OY91]. **hardware-software** [DJ99]. **Hartley** [CJ90]. **HARTS** [DRS91]. **Harvest** [SCF96]. **hashing** [RFB97]. **hazard** [LKL97]. **hazard-free** [LKL97]. **Hazards** [Ung95]. **heat** [WG98a]. **Hensel** [ZC90]. **heterogeneous** [BNG92, DJ99, GHH93, HS94d, IOP99, LL97, Pel98]. **Heuristic** [BM91]. **heuristics** [BB99a, Ber93b]. **hexagonal** [CSK90, DRS91]. **HGDM** [HKC97]. **Hierarchical** [DE90, DBD94, DBAP93, DBAP94, HHMC91, Kum91, SSK+96, ZC98, CS91, DA99, DN98, HS94b, Mah94b, PA96, PMHY97, PB99a]. **hierarchically** [AHT92]. **Hierarchies** [JCSM96, JCMS97, XT99]. **High** [AVBZ97, BP98, CL94c, ELM94, KIN+94, PKI+96, PV94a, QF92, Soh93, TT90, TKS94, VT97, ALB98, BAA97, CG96a, CB95c, CKC96, CGC95b, CCCC96, DBAP93, DBAP94, DM97b, GS98, HK90, HLP93, LM99a, LKL98, Man90, MM95b, Pie90, RFB97, RF92, SJ90, SK92a, SF93a, SS91b, Soh90, SRHI98, TH99, Tze93, VP93, WS98, WHL93, XSFR96, ZCT99]. **High-bandwidth** [Soh93]. **high-capacity** [CGC95b]. **high-level** [SS91b]. **High-performance** [PV94a, TT90, CB95c, DBAP93, DBAP94, HLP93, Soh90, WHL93]. **High-Radix** [CL94c, SF93a]. **High-speed** [KIN+94, PKI+96, QF92, TKS94, GS98, Pie90, SRHI98, TH99, WS98, XSFR96]. **high-yield** [HK90]. **Higher** [CM90, LM92a, Wal97]. **highly** [CRC96, FSS99, GSH+92, IO98, NO94, NNHG93, Pol95, SKK+90, XK92]. **highly-parallel** [IO98]. **HIPPI** [CGK93]. **history** [KE97, RW98]. **history-based** [KE97]. **hit** [TSW92]. **hit-ratios** [TSW92]. **homing** [PR94a]. **homogeneous** [FE97, RKS90]. **Hopfield** [OPLP93]. **horizontal** [MS91]. **Hot** [DE92, Ros90]. **Hot-spot** [DE92]. **Householder** [HD95]. **Hybrid** [PK94, WPS97, AK96, BP95, CM96a, CZSM99, Dae91, Hla92, Kan93c, KK91c, LW91, LL90, NT92, PA96, SD96, SF93b]. **Hyeti** [LKK+94]. **hyper** [Lo96]. **hyperbolic** [HTHR94]. **hyperbus** [CLL91]. **Hypercube** [Ish95, KD94, MBR96, AC95, BRS+90, BB92a, CB95b, CS96a, CS90b, CS90c, CLL91, CW96, CC97b, CT92, DE92, Dow92, DH91, Efe91, FBL96, Fra92, HS94a, HS93, IPS91, LS91a, LAY96, LH92, LK96, MBR95, Mat90, Qui90, SC95a, TS94, VD92, WH97b]. **hypercube-connected** [CS96a, SC95a]. **hypercubes** [BP94, BCGS96, BCS92, BCH93a, BCS94, BCH95, CB95a, CT94b, CT97a, CT97b, DMS94, GS93, GP97, HM95, KK91a, KB93, KS93a, Kus90, LK99, MPS94, PB97a, RYT95, RS96, SS96, THY93, TNC95, TW91, TC94, TL96, VB96, Wan94b, Wan99, WY95, Wu95, Wu97, WG98b, YTR94]. **Hypergraph** [FS94b, GC97]. **Hyperneural** [RD96]. **HYTREM** [LL90].

I/O [GP98, NLV91]. **IADM** [RFS92]. **IC** [SK96]. **Ichimori** [PT92]. **IDDQ** [CT96a]. **identification** [LY94, RS94]. **Identifying** [Tok94]. **IEEE** [Ano98b, Tri98, Ano96a, Ano98a, ABCW92, DL97, Tan92]. **II** [ACH+97b, ABK90]. **ILAs** [SF96a, Ver92]. **image** [AS92b, CSS90, Esh91]. **images** [Tat97]. **immediately** [Oik92]. **immediately-detectable** [Oik92]. **Impact** [Vai97, PRASA99]. **Implementation** [BB97, BB92c, DMS95, DM93, RW98, Tan92, AEBVZ91, Ann97, BB99b, CT93a, CPK90, DGY92a, DM96, EW93, GW98, HN93, HC96, KM94, LS95, LHL99, MS99, Nic98, Par93, PHS99, Qui90, SJ90, SD96, WZXX93, Zar95]. **Implementations** [OF97b, Bry91, HH93, JLLR94, RF91, SG90, SK92a, TS98]. **implemented** [Pie93, SRHI98]. **Implementing** [BES+96, DGY92b, Vin95, Lin90].

implications [PH93]. **implicit** [OCVSV98]. **importance** [CLM+95]. **imprecise** [BH98, CLL90, SL95]. **improve** [SV97]. **Improved** [Ano96b, HL92a, NO91, RT91b, RR93, Sta93, YL95b, YL95a, CPK90, HR95a, JS92, KKKM99, LT93, PNDN99, SL91b, SW97, Tze93]. **improvement** [KB96]. **Improvements** [GDY90, TK97]. **improves** [BS97]. **Improving** [BW96b, DRT97, HY99, KE97, KRC99, Ng91, TSW92, TS99b, CK99, Dal91, Ish95, MB93, PG97]. **including** [HTHR94]. **incomplete** [HY99, THY93, TC94, TL96]. **incompletely** [ZV95]. **Incorporation** [HS94c]. **Increased** [HDS91, Har92]. **Increasing** [DKT96, PK91]. **INCREDYBLE** [PR95b]. **Incremental** [KTS90, KM97b, IIK+91]. **independence** [RS98]. **Independent** [SF92, Gre94, RF99, vdBT93]. **Index** [Ano96a, Ano98a, Ano98d, Ano99a, Ano99b, SA98]. **Indexed** [JBA+97]. **Indirect** [LY91, BB97]. **induced** [CRP+96]. **inference** [NO94]. **InfoPad** [TPDB98]. **Information** [BH94, KT91b, LRG91, TRS+99, TPDB98, WY95]. **inherent** [Tho97]. **inheritance** [SRL90]. **inhibitor** [SV95]. **initial** [EL90b, ITY97]. **Initializability** [CA92]. **initialization** [SSDK95]. **injection** [ACC+93, BCSS90, CPA99, KKA95, SRHI98, THZ+99, YS96]. **injured** [KS93a, TYJ99]. **inline** [HC92]. **inner** [LO94a, WJ90, WMD96]. **Innovative** [BSS94]. **input** [ESS98, FFKI95, KPI93, LIO94, MI93, PGK90, SISU90, Sas91, TH99, YM92]. **inputs** [PR93b]. **insecure** [Mit92]. **insensitive** [AVR98, BB95, LH96, VBH+95]. **inserted** [LM99b]. **insertion** [FL98, HC92, PK91]. **inside-out** [KYM97]. **instantaneous** [SI94]. **Instruction** [DAF94, Soh90, ACFH95, ASWW92, CL96, CCCH93, HAM+99, HS98c, HC92, IS94, KKKM99, KS96a, Kuh98, LCFH95, PRASA99, SS94a, SAMC99, TXD98, Uht92, WW91].

instruction-level [CL96, PRASA99, SS94a]. **instruction-retry** [KS96a]. **instruction-window** [SAMC99]. **instructions** [CKY+99, LP90]. **Integer** [Has90, HK95, Bry91, CC92]. **Integers** [Zur94, Fag92]. **integrate** [SS94c]. **integrated** [CL98b, CMD93, KS91, RFM90, SS94a, TSH94, TSH95]. **integration** [IJN94, TH91]. **intelligent** [Leu97a]. **Interactive** [PT98]. **interchangers** [JLLR94]. **interconnect** [HD98, SSL96]. **interconnected** [BS93b, SA92]. **interconnection** [AMB96, Ber96, BAA97, BS90a, BCLA91, CS91, CGK93, CDHK93, Dal90, Dal91, DE90, DBD93, DBD94, DR96, DB94, Dou93, Dow92, DBAP93, DBAP94, FR94, FL92, FTL93, GDYS96, GB91, Ho92, HSY97, KEA96, LY90, LYW94, LK95, LFH92, MvdS90, MJ91, MYD96, MOM91, MY94a, NB93, NL90, OSST96, SXW95, TCW93, Wil92b, WL92, Yan98, YMG99]. **interconnections** [KKL90, KEA95]. **interface** [RNA93]. **interfaces** [Nic98]. **interference** [RH93]. **Interleaved** [Lew94, CSSP90, CL99b, LKW97, RH93, Soh93]. **interleaving** [KT91a]. **Interlock** [VPB93, PV94a, SSK+96]. **interlocks** [McC91]. **intermediate** [NC96, WI95]. **Intermittent** [BSM92b, AAL94, IYI90]. **internal** [AR94, ESS98]. **internal-XOR** [ESS98]. **internally** [VT97]. **International** [Tri98]. **Internet** [Mit92]. **interpolation** [PG92, RBG98]. **Interpolators** [Lew94]. **interprocessor** [MS99]. **Interrupt** [TD93]. **interruptible** [Soh90]. **interrupts** [SE98]. **Interval** [RS95, TL99]. **intervals** [RHT95]. **intractability** [HV91]. **intrainverted** [GK92]. **Introducing** [Yan93]. **Introduction** [BC97, KP98, MV99, Tri98, GL99b, KR90a]. **invalidation** [GW92, Rag93, Rag96]. **invariant** [LVB+93]. **inverse** [FC97, HTHR94, Kal95]. **inverses** [BCH93b, WL93]. **inversion** [GW98, Has98].

inverted [LS96b]. **investigations** [RCS92]. **IRIS** [DKT96]. **ISO** [Mei91]. **isomorphic** [Pea96]. **Isomorphism** [DBD93]. **Issue** [Ano97b, BSMC98, Soh90]. **Issues** [OF97a, CU93a, DH92, IS90, Rao93a, SJ95]. **iteration** [FL93, HL91a, MC93, MC95]. **Iterations** [DHL96, WF92, DM96, DZLH93, PMF96]. **iterative** [CA91b, Fri94, JK92, PM91, RCBB96, SW94a, WC90].

J. [JBS90]. **Jack** [CV92]. **Jacobi** [GPS93, PGS95]. **Jacobi-like** [GPS93]. **jitter** [Kle90]. **job** [BHR94, BK90, Bon90, KT92]. **jobs** [CLL90, LK98]. **jog** [Tua92]. **join** [LP91]. **joining** [LCS93]. **jukebox** [DKL90]. **jump** [MS91].

K-term [WS95]. **Kalman** [Red98]. **Karnaugh** [OM91]. **Kautz** [DHL96, PMF96, DZLH93, PS99]. **key** [BMP97a, LG97, LC90, LCL95, Lu97, PFSR99]. **keystream** [GP96a, Gol96]. **Kleenean** [HNY93]. **knapsack** [Fer91]. **knee** [BS90b, SWWW94]. **knock** [BS90b, SWWW94]. **knock-knee** [BS90b, SWWW94]. **knowledge** [WSB90]. **knowledge-base** [WSB90]. **Kronecker** [Dre99]. **KYKLOS** [MJ91].

L. [CLL91]. **L.0** [CCG+91]. **labeling** [BB92a, CSS90, SY91a]. **LAN** [MTG93]. **language** [CCG+91, CMD93, ST95a]. **Large** [SS90b, WJR94, Zur94, ABK90, BDL+99, CL90, CPK90, Fag92, FL92, FW93, Fit97, HS93, KT92, KF92, LHNP94, LL90, LY91, MBNSV93, OS94, PK90, Sem95, SP96, TRM95, Tze92]. **large-scale** [ABK90, CL90, FW93, Tze92]. **Latch** [CBRS90]. **Latch-to-latch** [CBRS90]. **Latency** [THH92, GS98, KHC94, Ng91, TK98, Vai97]. **lattice** [NLV91]. **laxity** [NT92]. **laxity/first** [NT92]. **laxity/first-in-first-out** [NT92]. **layer** [LYW94]. **layout** [BS90b, Tua92]. **layouts** [FE97, SWWW94]. **Lazy** [MM97b, DLN95]. **LC** [HSL96]. **Leading** [BL99]. **Leading-one** [BL99]. **Learning** [CGTN92, CRMM98, OdSC96, PK93, TCI98, WZXX93]. **Least** [HM94]. **Lee** [BBKA95]. **left** [TH99]. **left-to-right** [TH99]. **Length** [Yok92, ABC92, AC98, BBP+96, IS94, Lew90, MV95, PRS94]. **lengths** [UWZ97]. **level** [BB92c, BOH90, CRP+96, CL96, CCBC98, CU93a, CU93b, CU94, DN98, FBL96, FRK98, GP98, Gos97, Kan93a, Kan93b, LKW97, MBNSV93, Mel92, PRASA99, Pel91, RDZ95, SS94a, SS91b, Som90, VP94, Vai98, Wan94a, vdBT93]. **leveled** [BBP+96]. **levels** [KSS95, Tem99, WRS95, Wu95, Wu97, YF92a]. **Lewis** [ABC92]. **LFSR** [ESS98, RT96]. **LFSR-generated** [RT96]. **library** [PDBH97]. **lightwave** [PS99]. **like** [GPS93, Sch92, WNPM95]. **likelihoods** [SK94]. **limited** [CDP98, EZ92, KSS95, WY95]. **limited-global-information-based** [WY95]. **Line** [DZLH93, DHL96, HC94a, PMF96, BH98, BB99b, CT97a, DKT96, EL90c, FL92, GP96b, HL92b, Kip94, LS90b, LT95, Mul94, SY91a, SSL96, ST96, ZB97]. **Linear** [CFV91, Gol96, Kor94b, Ber93a, CCD+92, CM96a, CT98, Cd93, DOR91, DD95, GK92, Har92, HRT+95, Hla92, HTCT91, IJW92, Kop95, KT91c, LLK92, LK90, MRB90, MNKF90, OSST96, RT96, RBG98, SWT93, SM92b, SF91, ST95b, SR96, TC95, VD92, Wan96]. **Linear-Array** [Kor94b]. **linearization** [CR97]. **Linearizer** [dM90]. **linearly** [RF99, Zar95]. **lines** [AR94, MTP93]. **link** [AAL94, BM91, KT99a, LVB+93, SSS97]. **linked** [Han91]. **links** [DRT97, LY90, SY91b]. **List** [Ano97a, Ano97b, Ano98c, Han91, SJP96]. **live** [MTP93]. **LNS** [DMS95, Lew94]. **Load**

[CS96a, Dae91, HS94d, LK98, BHR94, BK90, CS96c, HS94c, HS93, KK92, KLL97, KM97b, NO94, SC95a]. **load-distributing** [CS96c]. **local** [DTAL93, FL93, Han91, KMM91, Wan97]. **Locality** [GAFN96, MV99, CR93, KRC99, Tem99, TLH94]. **locally** [LaF99]. **Location** [LS90c, PR98, Ber96, LFH92, PR97a, RCB96, SC95a, SJ93a, TSS95]. **lock** [Joh95]. **lock-free** [Joh95]. **Locking** [SL90a, SRSC91]. **log** [SE98]. **log-based** [SE98]. **logarithm** [ABCW92]. **logarithmic** [ABCC90, ABC92, ABCW98, Lew90, Man95, MST98]. **logarithmic-exponential** [Man95]. **Logarithms** [Kos91, CW94]. **Logic** [CL98b, Bar92, BAA98, CA91b, DA90, FW93, FHA94, Fri94, HNY93, HLHC91, IO91, JBS90, KPB92, LL91b, LH96, PR96b, PR97a, RB99, Sav98a, SB97, Soh90, SW94a, TCI98, TB91, VCB96, WC90, XK92, YM92, ZWL98]. **Logically** [SI94]. **Long** [STE98, ABC92, Lew90]. **look** [GL99a, Tak98]. **look-up** [GL99a, Tak98]. **lookahead** [CSTO92, DO96, LS92]. **lookahead/carry** [Kan93c]. **Loop** [SC90a, HKL98, HW95, KRC99, MS98a, MS95, PNDN99, PT92]. **Loop-Free** [SC90a]. **loops** [FTYZ90, HKL98, SMC91]. **lossless** [Tat97]. **LOTOS** [SCV91, SV95, TS91]. **Low** [CW99a, KS98, NL99, THH92, TSS95, WH98, AZ98, BHBA91, CGC95b, DJ99, EZ92, HWB92, HB95, Paa96, PB97b, Pie90, SHHJ93, TW95c, WHB98]. **Low-complexity** [KS98, TW95c, WHB98]. **Low-cost** [CW99a, CGC95b, Pie90]. **Low-Power** [NL99]. **lower** [AR94, AM93, BOH90, Efe91, KT99a, LH98, WNS96]. **LRU** [vdBT93].

M [ABC92]. **MAC** [Mit92]. **Machine** [Wel94, CA92, DRW92, LL90, NO94, ZPP91, EL90e]. **Machines** [MBR96, CCC96, DOR91, DGY92b, HB98, IJW92, LY94, LS96b, LP90, LPP91, MBR95, Oik92, PR97b, Ros90, TW95a, Tak92b, Zhe94]. **Mactaggart** [CV92]. **mail** [Mit92]. **mainframe** [SIKS95, SSK+96]. **Maintaining** [CL98a]. **maintenance** [GPTT98, dG90]. **majorization** [NST96]. **make** [BZ92, Lam97]. **making** [CK90a]. **Management** [AS95, BP95, DYD94, FNS95, LAY96, SCD+95, TRS+99]. **Managing** [CR93, Kum91]. **Manchester** [CS90a]. **Manetho** [EZ92]. **Manhattan** [CSA94]. **manifestation** [CS92b]. **Manipulating** [Lin93b]. **manipulation** [GM94]. **Mantissa** [DA96]. **Mantissa-preserving** [DA96]. **mapped** [SV97]. **Mapping** [MBR96, SV95, KB93, KT99a, LPP91, MBR95, MY96, MYD96, NO91, SA98, WS91]. **maps** [OM91]. **Markov** [BT90, CMST90, JG99, RS95, Sem95]. **Markovian** [GSH+92, OI90a]. **Martin** [TLE97]. **mask** [IN96]. **masking** [TB98b]. **mass** [PMHY97]. **Massey** [HWB93, Zar95]. **Massively** [MBR96, AMB96, MBR95, SN99, SKA92]. **massively-parallel** [SKA92]. **master** [GW91, Sah96]. **master-slave** [Sah96]. **master/slave** [GW91]. **Mastrovito** [SK99]. **Masuyama** [PT92]. **match** [SL91c]. **matching** [IS90, SR98]. **mathematical** [Cor96]. **matrices** [Cor94b, SV94, WC99]. **matrix** [ABK90, DA96, EL90c, KT91c, LLS92, LO94a, LM92c, NA90, RCB96, TY92b, WM91]. **maxcut** [CRS98]. **Maximal** [CW94]. **Maximizing** [FR97b, KM97a, SWG92]. **Maximum** [EAT95, FFKI95, HV91, RBG98, SISU90, SWK90, SL95, TL96]. **maximum-speed** [RBG98]. **maze** [WSEZ90]. **mean** [CS96b, FR97b, LMT95]. **mean-time** [FR97b]. **means** [CL94b, LZM90]. **measure** [HNG94, NG90]. **measurement** [KM92a, TI93]. **measurements** [DRW92]. **measures** [BT90, KTS90, LHNP94, OZL96, Rai95, WG98b]. **Measuring**

[DM94, GS98, SS95]. **mechanically** [MLK98]. **mechanism** [AA92, FS96, MMSS96, PFP99, Wu95]. **mechanisms** [TK91]. **medium** [ACZD94]. **meet** [RKJZ99]. **Meets** [CL97]. **megabyte** [KHW94]. **membership** [HS98b]. **memorie** [TWS93]. **memories** [CS99, CFV91, Mah94a, Mon91, PHS99, RH93, SMV91, Soh93, Tak92b, TWS92, VLPA95, WZXX93, WSY97]. **Memory** [JCSM96, KHC94, Lew94, MV99, AMS96, BGJ+96, BP93a, BP95, CG96a, CB99, Che92, CS96b, CSSP90, CGC95b, CL99b, DDS98, DA99, Dek98, DDV90, FL93, FS96, Fri95, GW92, HF97, Han91, Har92, HC93, HSHG99, HS94b, JCMS97, Kat97, LL96b, LKW97, Maz93, MTP93, MNL99, PRASA99, PD99, PG97, PBND98, RPW98, SS93a, Sav98a, SCD+95, SL92, Sta93, STW92, Tem99, Tze92, Tze94, Vai96, Vin95, Wan96, WF90, WDS+95, XT99, XSFR96]. **merging** [GL91]. **Mesh** [Raj96, BC95, CSK90, CSS90, DDGS97, DRS91, FY96, Mat90, MD95, TP94, TNC95, WH94]. **mesh-bus** [FY96]. **mesh-connected** [CSS90, Mat90, MD95, WH94]. **meshes** [BP94, BNP91, BCH93a, BCH95, CC94, DDS99, MPKRS93, Pea96, SLH97, SS96, SW97, ST96, TYJ99, UVM97, YTR94, MM95a]. **Message** [TS95, ACZD94, Ber93b, SI94, WHK97, WSB90]. **Message-optimal** [TS95]. **message-oriented** [WSB90]. **message-passing** [WHK97]. **messages** [BPRR93, BBP+96, HHS97, Mit92, ZSR90]. **MetaNet** [OYY97]. **metaobject** [FP98]. **metastability** [Kle90, Ung95, VBH+95]. **Method** [KTM+94, SF96b, CA90b, CAK90, CB96, Dal92, DD95, HTHR94, HN93, LK90, LT93, Man90, OVL96, Pur91, SIKS95, SGP92, SL91b, SV97, ST96, TLE97, TSH94, Vog90, ZPP91]. **Methodologies** [HD98, OFW92]. **methodology** [GB90b, HLB+97, MM95b, TLE97, YS96]. **Methods** [TAY91, CHH98, CPA99, FM91, HS98c, TSH95, Uht92]. **Micro** [QSA91, BOI94, TT90]. **micro-grain** [BOI94]. **microarchitecture** [RBS99]. **microcode** [PHK94]. **microcontroller** [Kuh98]. **microprocessor** [AS92b, LKK+94, MFH91, WDF+97]. **microprocessor-based** [AS92b]. **microprocessors** [Cor94a, Win95]. **microprogrammable** [TKS94]. **microsequencing** [PI93]. **migration** [CS90c, CT97a, DL97, PI93]. **Min** [Tra96, Vij91, SSA94]. **Min-cut** [Tra96, Vij91]. **mini** [KMD97]. **mini-slot** [KMD97]. **Minimal** [SC90a, AW93, BCH93a, DD95, LV99, LL96a, Lu97, Pie93, SM96b, Tok94, Uht91]. **Minimization** [AMS96, BS93a, TB91, Bar92, DTB96, HM91, HLHC91, LM92c, MBNSV93, MNKF90, OCVSV98, Sar90, SL91a, WG98a]. **minimize** [KS96b, SL95]. **Minimizing** [BL92, CL99b, WSY97, UWZ97]. **Minimum** [FL91, GC97, PM98, BDL+99, JO93, LMT95, NT92, SISU90, Sas91, SWK90, THL92]. **Minimum-congestion** [GC97]. **MISR** [Sav96]. **miss** [BSMC98, SST92, vdBT93]. **miss-path** [BSMC98]. **miss-rate** [SST92]. **mixed** [ABZ96, WPZZ96]. **Mobile** [Ano97b, CL97, JTK97, AV97, FCL98, LL97, LS97, MS98b]. **Mobility** [CL97]. **Möbius** [CL95]. **mod** [SB90]. **mod-** [SB90]. **mode** [KIN+94, PKI+96, SISU90, SSA94]. **Model** [JCSM96, AD97, BR93, BP93a, BB99b, CA91b, CS91, CR93, CMD93, Cor96, Egg91, Fuj99, GY95a, GLR+99, GYY98, JCMS97, JL96, Kle90, LYW94, Mer97, MB93, OK99, PMW92, PZ99, RD96, RCS92, RFS92, SN99, SST92, SR93, SF93b, TW95a, TS99b, Wan99, WNPM95, vdBT93]. **model-based** [TS99b]. **modeled** [LG95]. **Modeling** [CU94, DF91, MTP93, AKL90, BR90, CK90a, CDFH93, EANPH93, HKN99, LBF92, MY95, MY96, MY94b, PMHY97, PLM91, TI92, TI93, TSH95, Win95, ZVN92].

modelling [DYD94]. **models** [AK96, BR94, BP92a, BSM92a, CWM+95, FTL93, GP98, GS95, Gol96, GSH+92, GL92, KK91b, LPP91, OI90a, PS90, Pel91, Pel92, Sta93, VRK93b, VRK93a, VT94]. **modification** [Hwa97, ITY97, Tak98]. **modified** [BB92b, HWB93, RK96]. **Modular** [HWB92, PB97b, SJ90, TY92a, VBH+95, BDK98, CT98, CW99a, EW93, HTYP97, Pie94, SY91b, Tak92a, Wal93, Wal97]. **Module** [LVAG98, AS93, FBM93, HS96, LS90c, PK91]. **modules** [CYH91, HS97, Sar90, TKS94, TS94]. **moduli** [CN99]. **modulo** [AM91, LM92c, Ma98, SR92]. **modulo-** [LM92c]. **modulus** [WJ90]. **moment** [CT93a]. **moment-preserving** [CT93a]. **monitoring** [SS94a, UR94, Wil93]. **monotonicity** [Sch96]. **Montgomery** [BDK98, EW93, Kal95]. **Moore** [Kno96]. **most** [HW97]. **moving** [Ara90, CY95, FL91]. **MP** [XT99]. **MPS** [BSMC98]. **Muller** [DTB96, ORPP93, Pha98a, Pur91, Sas97, TMS96, TMS97, VR94, WPZZ96, ZV95]. **Multi** [NO94, DDGS97, KHW94, TF92]. **Multi-ASCA** [NO94]. **multi-megabyte** [KHW94]. **multi-mesh** [DDGS97]. **multi-queue** [TF92]. **multiaccess** [Har94, Wei96]. **Multibit** [RNA93, SG90]. **Multibuffered** [YLL90]. **multibutterflies** [LM92b]. **multibutterfly** [GMP94]. **multicast** [ASS94, Mit92, TYJ99, YM99]. **multicast-connected** [ASS94]. **multicasting** [WY95, Yan98]. **multicasts** [TS95]. **multiclass** [LK98, MTG93]. **multicomputer** [ALPS90, BB99b, DE90, DRS91, KS92, KK91c, MJ91, Qui90, RHS98, TI92, TI93]. **multicomputers** [BM91, CB97, CS96a, CS90b, CW96, CC97b, Fra92, KLL97, SC95a, SZN92, TS94].

multidimensional [CJ91, CSTO92, MS99, WPS96]. **multihop** [HS98a]. **multilayer** [BS90b, PK93]. **Multilevel** [OMB97, Mah94b]. **multimedia** [GYY98, TPDB98]. **multimode** [PT92]. **multimodule** [VLPA95]. **multioperand** [Pie94]. **multioutput** [Pie93]. **Multiphase** [Bok96, LT93]. **Multiple** [GM98a, JW94, KLPS93, LL96a, San93, AA92, ACFH95, AE94, BSMC98, BHSB97, CA90a, CS91, CU93a, CU93b, CT94b, CU94, CF94, DP99, Dam92, DDS99, Dav90, Dow92, HNY93, HRT+95, HJ92a, HS96, JS92, JL96, KPI93, KACV94, KC93a, KIN+94, KMD97, KT92, KEA96, LaF99, LS96b, LCFH95, LFH92, MM91a, MMM96, MI93, NGB93, NM94, PKI+96, PR92, PR97b, PGK90, RTZ98, SISU90, Sas91, SM92b, SF96a, SB92a, SB97, Soh90, TCI98, TB91, TS97, VRK93b, VRK93a, Ver92, Wil92b, WI95, YB91, ZV95]. **multiple-adjacency** [CT94b]. **multiple-bus** [JL96, YB91]. **multiple-input** [SISU90]. **multiple-issue** [BSMC98]. **multiple-level** [CU93a, CU93b, CU94]. **multiple-module** [HS96]. **multiple-path** [DP99]. **multiple-polynomial** [HRT+95]. **multiple-sequence** [LS96b]. **multiple-track** [VRK93b, VRK93a]. **multiple-value** [Sas91]. **Multiple-valued** [GM98a, KLPS93, BHSB97, HNY93, KIN+94, PKI+96, SB92a, SB97, TCI98, TB91, ZV95]. **Multiple-way** [San93]. **multiplexed** [YMG99]. **Multiplexer** [Pek99]. **Multiplexer-based** [Pek99]. **Multiplication** [CV92, BDK98, Bry91, CM96b, DS94, EW93, EL90a, FBT96, Fio99, ITY97, KT91c, Lin90, Ma98, TY92a, Tak92a, Tak98, TY92b, Vin95, Wal93, Wal97, ZC90]. **multiplicative** [BCH93b, Has98, ITY97]. **Multiplier** [Kor94b, AM91, HB92, HWB93, Hon90, KIN+94, Lim92, MJ92, Paa96, PFR98, PKI+96, SG90, SK99]. **Multipliers** [Kat94, LTR96, WG94, YGI91, ATF98, GPZ99, HWB92, IV94, KS98, LTR93, Lu97, MRT97, OVL96, OI90b, Pek99, SS92, SR92, SMOR98, VSS91, VS93, WJM95, WH98, WHB98]. **Multiply** [JP98]. **Multiply-Add** [JP98]. **Multiplying** [Zur94]. **multiprocess** [Lam97]. **multiprocessing** [ENS91]. **Multiprocessor** [DTAL93, YLL90, ABK90, BRS+90, BD95, BB92a, BSM92a, BSM92b, BP93b, BLOS95, CPK90, DA99, FR94, JS92, JL96, JW91, KRM95, KM92b, KT99b, Lam97, LHNP94, LY91, LS95, NHA92, OI90a, QM93, RCS92, RR95, RSD+98, RCB96, RS95, Sah96, SP91, SD92, SJ93a, TLH94, TSS95, YB91, vdLS93]. **multiprocessors** [BB90, BGJ+96, CB95b, CB99, CSK90, CS90c, CS92a, DDS98, DH92, DM97b, FBL96, Fri95, GW91, GW92, HS94b, Ish95, KH97, Mah94b, MNL99, MDyF94, NT92, PRASA99, SLD95, Tze92, Tze94]. **Multirate** [LR97]. **multirendezvous** [SCV91]. **multiserver** [BK90]. **multispectral** [Tat97]. **multistage** [Ber96, BAA97, BS90a, CDHK93, DBD93, DBD94, DB94, FTL93, KK91b, LY90, MYD96, MOM91, MY94a, NB93, SXW95, SLD95, ST96, WL92]. **multistate** [VT94]. **multistream** [McC95]. **multistreaming** [McC91]. **Multithreading** [Gun97, KCCD99, KT99b, KLH+99, TK98]. **multivalued** [DS94, MBNSV93]. **multiversion** [Leu97b]. **mutation** [GOH92]. **mutual** [HY99]. **MVL** [AEBVZ91]. **MVMT** [AEBV90].

N [CLL91, DSPN95]. **natural** [CMD93]. **Near** [MPS94, BDL+99, CW94, KS96b]. **near-coincident** [KS96b]. **near-maximal** [CW94]. **near-minimum** [BDL+99]. **nearest** [CLC92, Mat90]. **nearest-neighbor** [Mat90]. **nearly** [MY96]. **Necessary** [WdB92, Sch96, YM99]. **Negation** [WM96]. **negative** [GM98a, KKS93]. **negative-binomial** [KKS93]. **neighbor** [Mat90]. **neighbors** [CLC92]. **Nest** [LMJ93]. **nested** [FTYZ90, LMJ93]. **nested-predicate** [LMJ93]. **net** [GYY98]. **nets** [CDFH93, CL94b, CGTN92, CKLY98, LG92, LW95a, LW95b, LZM90, Mer97, SV95]. **Network** [CK90b, HNG94, NG90, AZ98, AMS96, BHS93, BR94, BJK93, BS90a, CF95a, CLL91, CT93a, CC96b, CS96c, CT91b, DP99, DDS99, DDGS97, DR96, FA96, FTL93, GMP94, HH93, JO93, KTS90, LY90, LPP91, LL91b, LO94a, LCT97, MvdS90, MJ91, MB93, MYK+99, OI90a, OPLP93, PS99, PWG94, PZ93, RD96, RDZ95, RFS92, Saa95, SY91a, SP91, San93, SBP90, SBP91, SJB91, SLD95, SRHI98, SF93b, SW94b, TCI98, TW95c, WH94, WNPM95, WL92, CSA94, MM95a]. **network-based** [SLD95]. **Networks** [YLL90, ASS94, AAL94, Aln93, AHT92, ANR96, Bae97, BH92, BHR94, BHBA91, BJ91, Ber96, BCGS96, BP98, BPRR93, BBP+96, BCLR97, BAA97, BC95, BS93b, BE92, BCLA91, CF95b, CCD+92, CDP98, CDHT99, CRC96, CS91, CC97a, Coh93, CDHK93, CG94, Dal90, Dal91, DE90, DE92, DBD93, DBD94, DB94, DW97, DL97, Dou93, EAK98, FCL98, FS94a, FE97, FR94, FL92, Fio99, FTL93, GDYS96, GS97, GB91, GS98, GE92, GM98b, GH91, HR95a, HHS97, HS98a, HY99, HS94a, Hei91, HT95, Ho92, Hou99, HSL96, HSY97, HTCT91, HW95, JL91, KH93, KS92, KT92, KM94, LNS94, LW94, LS96a, LP98, LY91, LLK92, LL94, LM92b, Leu97a, LW95a, LW95b, LK95, LL97, LO97a, LS96c, LLJ97, LFH92, Mah94b, MS98a, MM97a, MMM96, MB95, MS98b, MYD96, MOM91, MS95, MY94a]. **networks** [MY94b, NB93, NL90, O'C95, OYR95, OSST96, PK93, PA96, PT92, Pie93, RB91, RKJZ99, RHS98, RF91, RB93, RB97, SM93, SC94, SSS97, SXW95, She95a, She95b, SR91, SCG94, Sut91, Szy97, TCP91, TP94, TK96, TCW93, VC92, WM91, WJ94, Wil92b, WS91, YM91, YM95, Yan98, YM99, YW99, YF92b, YA90, YMG99, dM90]. **networks-architecture** [GE92]. **Neural** [LL91b, BJ91, BP98, BJK93, CT93a, CFV91, FTL93, HH93, LPP91, MYK$^+$99, OPLP93, PWG94, PK93, PZ93, RF91, SM93, SY91a, SJ95, SRK91, SF93b, TCP91, TH91, TK96, TW95c, ZVDF96]. **Neural-network-based** [LL91b]. **neurocomputer** [CRMM98]. **neuron** [WZXX93]. **neuron-weighted** [WZXX93]. **Newton** [KTM$^+$94]. **NFS** [DRT97]. **nibble** [Joh93]. **no** [UR94]. **Node** [DM97b, CS96a, PK90, SES$^+$92, TK98]. **Node-covering** [DM97b]. **nodes** [BES$^+$96, BHSB97, LW94]. **Noise** [EANPH93, CC96a, CFV91]. **nomadic** [ZR97]. **non** [HR95a]. **non-real-time** [HR95a]. **nonbinary** [PZ93]. **Nonblocking** [YM91, DFM95, PLJ94, Szy97, YM99, YW99]. **noncoherent** [UP93]. **nonconvex** [CB97, SWT93]. **noncrossing** [Yan97]. **nongroup** [CCC96]. **nonhomogeneous** [BK90]. **nonincreasing** [Tao97]. **nonlinear** [CR97, Kop95, Lee92, LS96b]. **nonminimal** [LK95]. **Nonprime** [Kat97]. **nonrestoring** [SF93a]. **nonrobust** [FFS92]. **nonuniform** [KT91b]. **nonvolatile** [VJ98]. **norm** [DD95]. **normal** [KS98, Lu97]. **note** [Bar98, BBT94, CLL91, Fal99, Kat96a, Kno96, LK90, MLD93, MI93, SAR91, THL91, dM90]. **Notes** [Hua90, KPI93]. **nothing** [HS93]. **notification** [SBM$^+$98]. **Novel** [RFKL93, HC96, LC92, NSUR98, PV94b]. **NP** [AS93, BW96b, RT91a, ZPP91]. **NP-complete** [BW96b, ZPP91]. **NP-hard** [AS93]. **NUMA** [ZCT99]. **Number** [DJM99, Par90, PK94, WF92, Yok92, AM93, AK91, ABC92, ABCW98, BHSB97, DIP93, HK95, KS93b, LW91, Lew90, LH98, LC92, MST98, NA90, OPT92, Par93, PR96b, Sas91, SC90b, SL90b, SW94a, TSH94, WP90]. **Numbers** [Has90, Vui94, ABC92, BCH93a, DHK93, Lew90, SG90]. **Numerical** [DL94, KZ90, KC93b, OZL96].

O [GP98, NLV91]. **OBDD** [GM94, HM94, LL92b, WeBM97, Weg94b]. **OBDD-representation** [LL92b]. **OBDDs** [BW96b]. **object** [CG96a, GHH93, LVB$^+$93, Vog90]. **object-oriented** [CG96a, Vog90]. **objects** [ACH$^+$97a, ACH$^+$97b, BG90, Joh95, SBM$^+$98]. **observability** [BP96, CCCC96, Fuj90]. **observable** [XK92]. **observation** [Ho92, PR92]. **Observations** [CS92b]. **obstacles** [LYW94]. **occupancy** [FCL98]. **occurrence** [Som90]. **odd** [GB91]. **OFDD** [DTB96]. **OFDD-based** [DTB96]. **off** [PV97, ST96]. **off-line** [ST96]. **office** [AS92b, DKL90]. **offs** [BOI94, CS96b, CSA94, DAF94, SAMC99, Wal97]. **offsets** [MBNSV93]. **OKFDDs** [DBJ98]. **OLAP** [HBA98]. **OMC** [Esh91]. **Omega** [She95b]. **Omura** [HWB93]. **on-chip** [Maz93, NV99, WSY97]. **On-Line** [HC94a, CT97a, DKT96, HL92b, LS90b, BH98, BB99b, EL90c, GP96b, Mul94, ZB97]. **On-the-fly** [EL92]. **once** [BBRL98, Gai90, Weg94b]. **One** [Coh93, KH93, BL99, CM96a, FL98, IJW92, Kan93b, KK91a, KSGT96, VC92, Ver92]. **One-bit** [Coh93, KH93]. **one-dimensional** [CM96a, FL98, Ver92]. **one-level** [Kan93b]. **one-sided** [VC92]. **one-step** [KK91a]. **one-way** [IJW92]. **ones** [Kop95]. **online** [BB92c, NHA92]. **only** [Vin95]. **onto** [ARS95, LPP91, SV95, YTR94]. **OODBMS** [ZC98]. **open** [PW95, TS99b]. **operand** [BW95, ITY97, RB99, Tak98]. **Operands** [Lo94b, EL90d]. **operating** [SSA94, TXD98, XT99]. **Operation** [SF96b, Kan90]. **Operations** [OF97a, DA96, LLS91, NA90, RS96, SR96, TB99b, VCB96, WL92]. **operative** [Rao93a]. **operator** [TLE97]. **Operators** [CV92]. **OPSILA** [BA93]. **optical** [BBRL98, CDP98, DKL90, Gai90, GM98b, JLLR94, LLJ97, QM93, YMG99]. **Optimal** [ACH$^+$97a, ACH$^+$97b, AK91, AC95,

BHBA91, BBB+94, BS99, CMH98, CSF90, CC97a, Cor94b, FRK98, HKC97, KN90, KEA96, LK91a, LLK92, LS93, LP90, LCS93, LL97, MS98a, MM91a, Nai95, NGB93, NR90, Nik98, Pel92, Pel98, She95b, SJ93a, SMOR98, STW92, WPS96, Aln93, Als92, BNP91, BCLR97, BK90, CK94, CF94, DBD93, DP97, EAK98, Fra92, FS90, GL91, Han91, HS94c, HS96, KK92, KS96a, KEA95, KT91c, LK91b, LS94a, LS98, Lo96, PM91, SS90a, SM92a, SF91, SXW95, She95a, TC95, TS97, TNS99, Tua92, TS95, WL90, Wan96, WNS96, Weg94b, WT90, WH94, Wil93, Yan90, ZS99]. **Optimally** [HSL96, SJB91, Tem99]. **Optimistic** [BZ92]. **Optimization** [TCP91, WD92, AE94, CSTO92, CVMS99, DF91, Fis90, GGD96, OMB97, PHK94, PS93, PR99, SWT93, SK96, SF93b, TK96, YK98]. **optimizations** [CCCH93]. **Optimized** [LS90a, OVL96]. **Optimizing** [TXD98, BS93b, GS98, Maj96]. **optimum** [Kan93b, PM91, TSH94]. **options** [PFP99]. **optoelectronic** [LO97a]. **OR-parallel** [NO94]. **oracles** [DLN95]. **Order** [SC90a, PD99, PB97b, Tao97, TD93]. **Ordered** [LV99, FC97]. **ordering** [AV97, BW96b, CRS98, DBJ98, FS90, Tat97]. **organization** [KKL90]. **organized** [HF97]. **orientation** [CYH91]. **Oriented** [OY91, CG96a, CS92a, LG97, Vog90, WSB90]. **orthogonal** [MLD93, PT98, SBP90, SBP91]. **Other** [OF97a]. **out-of-order** [TD93]. **output** [Dav90, EZ92, KSGT96, Oik92, Sas91]. **outputs** [Tho97]. **Over-redundant** [MC94, SPM97]. **Overflow** [Yok92]. **Overflow/Underflow** [Yok92]. **Overflow/Underflow-Free** [Yok92]. **overhead** [DJ99, Egg91, EZ92, NLV91, SHHJ93, TSS95, Vai97]. **overlapping** [Wil92b]. **overlaying** [Ber93a]. **overload** [BH97]. **Overturned** [MJ92]. **Overturned-stair** [MJ92]. **oxide** [HM93].

P [CLL91]. **Packet** [YLL90, CG94, Raj96, ST96, YB91]. **packet-switched** [YB91]. **Packet-Switching** [YLL90]. **packing** [DLC93, YW99, ZPP91]. **page** [Gai90, ZC98]. **pages** [HW97]. **paging** [Dal92]. **pair** [Yan97]. **pairwise** [GP97]. **paper** [Pha98a]. **Papers** [Ano98b]. **paradigm** [BBD97, LH96]. **Parallel** [BB92a, DD95, Esh91, Fio99, Hla92, IPS91, MBR96, MS99, MPKRS93, NAH98, PB99a, PK90, SS90b, SBP91, SM97, SF93a, Sri90, Wel94, YLC90, Zar95, AD97, AC95, AMB96, BHBA91, BB95, BA93, Bon90, BB91, BJ94, CL92a, CC97a, CMD93, Cor94b, Cor96, DS94, Dek98, DB91, FD90, FTYZ90, FL93, FRU96, Fer91, FFS92, FL98, GPZ99, GMP94, GE92, GPS93, GLR+99, Gre94, GL91, HL92a, HC93, HWB92, HWB93, HB98, HL90, Hog99, Hon90, IO98, KS98, Li97, LK98, LPP91, MBR95, MT98, Mer97, MMJ91, NO94, NR90, NO91, NLV91, OVL96, OM91, Paa96, PWG94, QSA91, RF92, SP91, SN99, SBP90, SKA92, SC94, SMOR98, TB99a, TS99a, TH91, TY92b, WNS96, WH98, WHB98, HNR90]. **parallelism** [CL96, DAF94, PRASA99, SS94a]. **parallelization** [SMC91]. **Parameter** [BM94]. **Parameters** [KA96]. **Parametric** [FBM93, GPS95, LG92]. **parity** [FR97a, Jha93, JW94, LK93, NM94, Nik98, Tho97]. **parsing** [IPS91, Sri90]. **Partial** [Cha99, Fag97, HBA98, PL99, CA90b, FBM93, FL92, GB90b, JS92, KT96, OVL96, PR93b, Rag93, RCBB96, VSS91, VS93]. **partial-multiple-bus** [JS92]. **Partial-sum** [HBA98]. **Partially** [WL94, AS95, WPZZ96]. **partially-mixed-polarity** [WPZZ96]. **particle** [CRP+96]. **partition** [FL93, KM92b]. **partitionable** [BBD97, KM92b]. **partitioned** [GM98b]. **Partitioning** [CMS99, BB99a, BCS92, BM96, HL92a, KF97, LL97, OM95, OdSC96, PR98, PB99b, RFKL93, San93, SS93a, SF92, STW92, TSW92, Tra96, Vij91]. **Pass** [JP98, CHH98, WM92]. **passing** [SI94, WHK97]. **passive** [CDP98, GM98b]. **path** [ASS94, AHT92, BSMC98, BAA95, BAA98, CT94a, CKC96, DP99, DL97, FFS92, Hou99, HG96, LK91b, PRS94, PR96b, RW98, RS98, THZ+99, TYJ99, WH94, YMG99]. **path-based** [Hou99, THZ+99]. **paths** [CL92a, CT97a, LYW94, MRT97, TCW93, Yan97]. **pattern** [CG96b, DC93, MV95, Maj96, MBGT91, NSUR98, NK97, ORPP93, RT93b, Sav98a, SS91a]. **patterns** [AMS96, FFS92, GM98b, GW92, GRT96, Sav99, SW94a]. **PCS** [FCL98]. **Pentium** [BW96a]. **Per-node** [TK98]. **Perfect** [FR94]. **Performability** [CMST90, IA91, NS96, SB94, PS90, PLB93]. **Performance** [AS92a, BD95, BM90, BD97, BCLA91, CS91, DDS98, Dal90, DYD94, DA99, DRS91, DM92, GB90a, GL92, HS94b, IS94, IS90, JL96, Kan90, LD90, Mah94b, MDyF94, MY94a, MY94b, PH93, SL90a, SJ93b, TN93, WSB90, WL92, YLL90, AVBZ97, BB97, Ber93b, BP98, BAA97, BS97, BP92b, CPRV95, CG96a, CB95c, CT96b, CFV91, CS96c, CSA94, DP99, Dal91, DG91, DBAP93, DBAP94, DRT97, EAT95, FD90, FM95, GY95a, GS95, GY95b, HM95, Har92, HC93, HAM+99, HHMC91, HSHG99, HS98c, HLP93, Ish95, Joh95, KKKM99, KK91b, KTS90, KLH+99, KM94, LLS91, LK93, LKL98, MM95b, Mei91, MS98b, NO94, Ng91, OI90a, OK99, PNDN99, PMHY97, PG97, PV94a, PV97, RFB97, RCS92, RF91, SS95, SJ95, SJ90, SK92a, SIKS95, SGP92, SAMC99, Soh90, SVSB97, SV97]. **performance** [TT90, TXD98, Tze93, VB96, VT94, WNPM95, WHL93, ZVN92, ZCT99, vdLS93]. **performance-reliability** [PV97]. **periodic** [CLL90, HS97, KSGT96, NC96, PM98, SC95b]. **permutation** [AZ98, CF95a, CC96b, DBD94, HT95, Hua90, JO93, KKL90, LL94, LO94a, LO97a, MY96, O'C95, SXW95, She95a, She95b, ST96]. **permutations** [CF95b, HSL96, HTCT91]. **personal** [DL97]. **pessimistic** [KK91a]. **Petri** [CL94b, CKLY98, GYY98, LG92, LW95a, LW95b, LZM90, SV95]. **Pfair** [BL98]. **phase** [TA95]. **Phased** [LH96]. **photonic** [DBAP93, DBAP94]. **piecewise** [ZVDF96]. **pinwheel** [BL98, CC92]. **Pipeline** [MFH91, DF91, HAM+99, LS94b, SSK+96, WS91]. **Pipelined** [DP96, BB95, Cor94b, GY95a, GDYS96, GL93, HL92a, KM90, LHF93, McC91, McC95, NO91, OMB97, Soh90, VD92]. **pipelines** [EAT95, SCF96]. **PLA** [AE94, EL90b, HK90, SB90, SHHJ93]. **Placement** [LS91a, Bae97, CT94b, TG99, ZB97]. **placements** [ACH+97a, ACH+97b, LK93]. **placing** [Wil93]. **planar** [SWK90]. **plane** [FL91, SW92]. **PLAs** [HLHC91, KF92]. **PLAYTHROUGH** [SGP92]. **PM** [SA98]. **PMC** [SR93]. **Point** [BGM+95, CV92, Has90, JP98, Lo94b, OY91, OF97a, Tan92, Yok92, Fit97, Krä98, Lio93, MLK98]. **pointer** [LM99b]. **pointer-based** [LM99b]. **points** [CCCC96, FL91]. **polarity** [CRC96, DTB96, TMS97, WPZZ96]. **policies** [DYD94, DKT96, NT92, RSD+98, dG90]. **policy** [GS97, HKL98, KS96a, LS94a, LMT95, SC95a, TN93, WH94]. **polling** [GL92]. **polygon** [AC95, SS90a, Yan97]. **Polynomial** [Kat94, LIO94, PK91, BHS92, Fal99, HRT+95, KMM91, MP90, RT94, Sch98, SS92, VRK93b]. **polynomial-time** [RT94]. **POPS** [GM98b]. **port** [Fuj99]. **Portable** [GLR+99, TPDB98]. **position** [BL99]. **positive** [Bal98]. **Power** [NL99, Wei94]. **power-sum** [Wei94]. **Powering** [Tak98]. **PPMB** [JS92]. **Practical** [McC95, PV90, CL99a, DH92, LKK+94, Szy97]. **precedence** [Cha99, HS97, SS94c]. **Precision** [SM90a, AB98, HH93, Lim92, SM90b, WG95]. **predicate** [LMJ93]. **predictability** [BS97]. **Prediction** [LTR96, BL99, CK99, HLP93, IOP99, KE97, LTR93, RW98, SST92, SAMC99, SVSB97]. **predictors** [JG99, Nai95]. **preemption** [LHS+98]. **preemptive** [LHS+98]. **Prefetching** [JG99, CB95c, HS98c, LM99b, MS91, TS98]. **prefix** [Han91, MT98, WNS96]. **prepass** [CLM+95]. **Prescaling** [ELM94, LM92a, LM99a]. **preselected** [PL99]. **presence** [CS96a, HS94a, LaF99]. **preserving** [CT93a, DA96]. **pressure** [LVAG98]. **preventive** [GPTT98]. **primary** [HS98a, HJ92b]. **primary-backup** [HS98a]. **prime** [CJ90, LS94b, WS91]. **primitive** [WH97a]. **Primitives** [LD90]. **Principal** [SES+92]. **principles** [Szy97]. **priori** [CPV91, Krä98]. **prioritized** [GYY98, JL96, MM91a, MMM96]. **Priority** [SRL90, GS97, HR95b, KSS95, LHS+98, MTG93, RCS92]. **priority-based** [MTG93]. **private** [BR94]. **Probabilistic** [NHA92, OS94, BSM92a, CGTN92, LS93]. **probabilities** [AR94, FFKI95, KM92a, Rob91]. **Probability** [LF96, CH90, DW90, ESS98, HR97, MI93, PGK90, RF92]. **probe** [CCCC96]. **problem** [Bar92, BC99, BBP91, BJK93, BP93a, BNG92, CC92, CT94a, CLC92, Fer91, GGD96, HV91, IJN94, JLC98, KMM91, LK91b, MS91, SM92a]. **Problems** [MV99, AS93, AC95, CCGS98, DLC93, Fri95, Fuj90, FTL93, GY95b, HL92a, Hua92, LK98, LS96c, PR95b, SF93b, SW94b, TK96, WDS+95, YK98, ZPP91]. **procedural** [Uht91]. **procedure** [BM90, LP91, PR99]. **procedures** [CSF90, Yan90]. **process** [AA92, BNG92, KLL97, UR94]. **processes** [CMST90, NNHG93, RS95, SCV91]. **processing** [AB98, AS92b, Cor94b, DF91, Esh91, FL93, FFS92, Lim92, LKL98, Mat90, MYK+99, PM98, PK90, RB90, SP91, SC94, ST95b, SY99]. **Processor** [Leu97b, MF92, RSD+98, ABZ96, AD97, BGJ+96, BB92b, BA93, BM91, Bon90, CF90, CS99, CT92, DA99, DMS95, Dow92, DBAP93, DBAP94, FTYZ90, HJ92a, KT99a, KR93, LW91, LAY96, Lee92, Li97, LO97a, LBF92, MMSS96, NA90, SKA92, THA+99, VRK93a, Zar95]. **Processors** [KC93b, AK91, BSMC98, BHR94, BPRR93, CLM+95, CL96, CU93b, CB95c, CUC97, CT93b, Cor96, DPO95, GL93, HLP93, KRM95, LS91a, LO94a, McC91, McC95, Mie93, MD95, NV99, RSS97, Soh93, Sto93, SCW91, TK97, TD93]. **Producing** [SSDK95]. **product** [FE97, KS93b, LO94a, OVL96, WMD96]. **products** [DM97a, Sas91, VSS91, VS93, WJ90]. **program** [AN90, BS97, BP96, CL94a, DAF94, HL91a, HL97, KKKM99, KOIH92, Lam97, Li97, MLK98, PG97, Wil93]. **programmability** [ZCT99]. **Programmable** [ITZ96, Hug93, JBS90, TB99b, TB91, ZWL98]. **Programming** [ST95a, BBD97, BBP91, CSTO92, DA90, SS93a]. **Programs** [Wel94, CT93b, FD90, HC94b, PM91, Weg94b]. **Progressive** [WHK97, Pin99]. **prohibition** [BB99a]. **projection** [WS95]. **Prolog** [FD90]. **Proof** [NAH98, MLK98, SG90]. **proofs** [TSH95]. **propagate** [EL90a]. **Propagation** [PK94, CL92b, Par94, PLM91]. **Properties** [vdBT93, BBKA95, CDHT99, Dou93, GGD96, HNY93, LC98a, MJ91]. **property** [CN99, TA95]. **propositional** [MSS99]. **Protected** [GHH93]. **protection** [FR97a]. **protocol** [ACZD94, ALPS90, Bal98, CCG+91, CB99, CF94, CK91, DDS98, DL97, DW91, KS91, Kin91, LD94, Mei91, RM91, SRSC91, SZTN91, SCV91, VB96, ZSR90]. **protocols** [CG97, GM91, HHMC91, HSHG99, Lin91, LT93, PS91, RHT95, SRL90, SVSB97, TS95, Wil92a]. **prototyping** [CCG+91]. **pruning** [SM93]. **Pseudo** [Dre99, BBP91, GRT96]. **pseudo-Boolean** [BBP91]. **pseudo-exhaustive** [GRT96]. **Pseudo-Kronecker** [Dre99]. **pseudoexhaustive** [DC93, RT93b, SHHJ93]. **Pseudorandom** [YGI91, SSDK95, WP90]. **public** [BMP97a, LG97, LCL95, PFSR99]. **public-key** [BMP97a, LCL95, PFSR99]. **Purpose** [KC93b, FTG92]. **pyramid** [CDHT99, Gre94].

QoS [Hou99]. **quality** [CKC96]. **quantitative** [HSHG99, WHL93]. **quantizers** [PWG94]. **Quasi** [WC99]. **Quasi-universal** [WC99]. **queries** [HBA98]. **queue** [TF92]. **Queueing** [DKL90, GL92, KT92, LP91, OI90a, dM90]. **queues** [Bon90, PLJ94]. **Quicksort** [HNR90]. **quorum** [Kum91]. **Quotient** [WF92, SPM97].

R. [Dav90, KH93]. **Race** [FW93, KWF95]. **Race-free** [FW93, KWF95]. **races** [Ung95]. **radially** [Kno96]. **Radix** [CR90a, CL94c, EL90b, ELM94, SPM97, ABZ96, AVBZ97, ALB98, CM90, EL90d, LM92a, LM99a, MC92, MC93, MC95, NK99, SF93a, SP95, Tak92a, Wal97]. **Radix-** [CR90a, EL90b, EL90d, MC95, Tak92a]. **radix-4** [AVBZ97, SP95]. **RAID** [BBBM95, CT96b, MY96]. **rail** [Jha93]. **RAM** [CGTN92, FS94b, LS91b]. **RAMs** [DF90, HDS91, Nic96]. **Random** [KMD97, Sav98a, DF90, DP97, MV95, Maj96, Maz93, MY96, MK90, NSUR98, NK97, Pel98, SMV91, Sav99, SFM92, SS91a]. **random-access** [Maz93, SMV91]. **Randomized** [TG99]. **randomly** [LM92b]. **randomly-wired** [LM92b]. **Range** [HHB91, CDP98, WJR94]. **Rao** [LHL99]. **Raphson** [KTM+94]. **rapid** [YS96]. **rate** [FCL98, HB95, PM91, SCF96, SST92]. **rate-adaptive** [HB95]. **rate-optimal** [PM91]. **ratio** [Vai97, vdBT93]. **Rational** [GY95b, KZ90, KM90]. **ratios** [TSW92]. **rays** [COK95]. **reactive** [BB99a]. **read** [ACFH95, Vin95, Weg94b]. **read-once** [Weg94b]. **read-only** [Vin95]. **readers** [TN93]. **Real** [NA90, ABCW98, BH97, Ber93a, BLOS95, BS99, DKT96, GOH92, GPS95, HR95a, HLH96, HS98a, HLB+97, HL92b, HS94c, HS94d, HS97, HLP93, IA91, JL91, Kan90, KL92, KM97b, NT92, Pol95, RHS98, SS93a, SRL90, SRSC91, SSS97, SB94, SC95b, SS94c, SLS95, Vui90, WRS95, WHL95]. **Real-number** [NA90]. **real-time** [BH97, Ber93a, BLOS95, BS99, DKT96, GOH92, GPS95, HR95a, HLH96, HS98a, HLB+97, HL92b, HS94c, HS94d, HS97, IA91, JL91, Kan90, KL92, NT92, Pol95, RHS98, SS93a, SRL90, SRSC91, SSS97, SC95b, SS94c, SLS95, WRS95]. **real-time-systems** [SB94]. **realization** [AEBV90, KEA96, LS94b, She95b, WS91]. **realizations** [Sas97]. **realized** [CF95b]. **Realizing** [GM98b, HTCT91, SB92a]. **Rearrangeable** [Dou93, FS94a, MM97a, YF92b]. **reasoning** [Cyr94]. **reception** [CF94]. **Reciprocal** [DM94, Man95]. **recoding** [HC96, SG90]. **recognition** [CT92, IPS91, IYI90, LVB+93, SW94b]. **recognition-complete** [CT92]. **Reconfigurability** [SS93b]. **reconfigurable** [BS90a, CMS99, CU93b, CC94, HK90, KK91b, KF92, MPKRS93, PB99b, Raj96, RSS97, SCF96, SB92b, ZWL98]. **Reconfiguration** [BB92b, BP93a, CF90, CU93a, CUC97, CT91b, JTY+99, KR93, KM97b, LK99, LL96b, MYK+99, RBK90, SSA94, Som90]. **reconfigurations** [Mel92]. **reconfigured** [FS94b]. **Reconfiguring** [VRK93a, BP94, DH90, GMP94, VRK93b].

recording [HN93]. **Recoverable** [WF90]. **Recovering** [AA92, OK96]. **recovery** [ACFH95, EZ92, GS95, LS98, Pin99, PV97, RCB96, SE98, Vai98, WHK97]. **Rectangular** [WG94, Ell91, MH90, RBG98]. **rectilinear** [Yan97]. **Recursive** [Ara90, RT93b, BB91, Kan93c, LHF93, MvdS90, MM95b, OM91]. **recursively** [LNS94]. **Reduce** [WF92]. **reduced** [AK91, CM92, Lim92, LVAG98, TH99, Tya93, Uht91, Weg94b]. **reduced-area** [Tya93]. **reduced-size** [TH99]. **Reducing** [GL93, MC93, MC95, RH93, Sav96]. **Reduction** [Smi95, AEBV90, ABLZ97, CC92, CC96a, HTHR94, Ng91, OVL96, RS96, SWT93, SL91b, TLE97]. **redundancies** [PR96a]. **Redundancy** [SM90a, CU93a, CU93b, CU94, FSS99, HDS91, LKW97, MRB90, RM94, SK94, WRS95]. **Redundant** [ABCC90, EL90c, HC94a, KTM+94, NK99, Par90, PK94, TAY91, ABZ96, CS99, DM96, DOP93, DHK93, EANPH93, Kle90, KM90, LL92a, MC93, MC94, MC95, PB97b, SPM97, TY92a]. **Reed** [DTB96, HB95, IDI95, KY92, ORPP93, Pur91, Sas97, SLN97, TMS96, TMS97, VR94, WPZZ96, ZV95]. **Referee** [Ano98c]. **reference** [UR94, WI95]. **references** [FS96, GHH93, vdBT93]. **Refinable** [Sem95]. **reflected** [JH95]. **Reflections** [BW96a]. **register** [AK92, CL96, CW94, LVAG98, SM92b]. **registers** [FFKI95, GP96a, GK92, HRT+95]. **Regular** [GO98, CZSM99, CT94a, CT98, LNS94, LW94, SA92, SP96, TC95, WH94]. **regulation** [RKJZ99]. **Related** [MV99, Fal99, LHS+98, VCB96]. **Relating** [DRW92, GK92]. **relationship** [OFW92]. **relaxed** [PD99]. **release** [HKC97]. **Reliability** [BR94, CU93a, BR90, BR93, CB95a, CL94a, CU94, CDHK93, GOH92, HW95, KM97a, LBF92, MB95, MYD96, PV97, RHT95, SS93b, SWG92, TK97, Tze93, UP93, VP93, Vai96, VT94, YF92a].

Reliable [KL97, Lo94b, Tze94, Wu97, LC98b, SES+92, SSDK95, Wu95]. **Remainder** [HP95]. **remainders** [MC93, MC95]. **remapping** [NR90]. **remark** [MC95]. **remote** [Met91, TK98]. **removal** [FSS99]. **removing** [PR96a]. **rendering** [COK95]. **rendezvous** [WNPM95]. **reordering** [FS96, NP90]. **repair** [BP93b, CT93b, FR97b, HDS91, NNHG93, RS95]. **repairable** [BR93, Ser99, SM96b, dG90]. **repeated** [Wal97]. **replacement** [vdBT93]. **Replicated** [KLL97, Kum91, Leu97a, MY95, Met91, SBM+98]. **replication** [MRJ97, WJ90]. **Reply** [KIN+96, NC97, BMP+97b, CG97, HNG94, JBS90, KGB95]. **represent** [JBA+97]. **Representation** [KTM+94, AM93, Cyr94, Dro98, JK92, JM96, LL92b, TY92a]. **Representational** [Bou90]. **Representations** [Par90, PK94, Yok92, AW93, Bry91, DHK93, NK99, WH99]. **representing** [LW95a, LW95b]. **reproducing** [KTM96]. **Request** [DR96, CG97]. **requesting** [CS91]. **required** [LH98]. **requirement** [TL99]. **requirements** [Hou99]. **rerouting** [MS98b]. **reseeding** [HRT+95]. **reservation** [EAT95, SC95b, YMG99]. **reservation-based** [SC95b]. **reset** [AG94, PR94b]. **Residue** [KL97, AM93, DOP93, DIP93, HK95, Kat96b, KS93b, LC92, OPT92, Pie94, Pou97, SL90b, WS95, WJ90]. **resilience** [HNG94, NG90]. **Resilient** [RS98, DW97, FR97b, RHT95]. **resistance** [BS92, GM98a]. **resolution** [ASS94, Fag97, MM91a, MMM96]. **Resource** [Bae97, LS97, CT94b, WNS96]. **resources** [SS94c, ZWL98]. **Response** [KH93, HJ92b, LMT95]. **responses** [CMH98, KN90, KLV94, RT93a]. **responsive** [Pol95]. **responsiveness** [SLS95]. **resubmission** [DR96]. **result** [MC93, MC95]. **Results** [DM93, ACH+97a, CLL90, HV91, Man93, NP90, SWM95]. **Retiming** [KT96]. **Retiming-based** [KT96]. **retrieval** [LL90]. **retry** [HS96, KS96a, LCFH95, LS94a, WHK97]. **return** [YF92a]. **reuse** [TRS+99]. **reversed** [CT91a]. **Reviewers** [Ano97a, Ano97b]. **revisited** [SL91a]. **Reward** [DKT96, CMST90]. **rewiring** [CVMS99]. **rewrite** [BS93a]. **RIDDLE** [SS91b]. **Right** [Kor94b, TH99]. **Right-Shift** [Kor94b]. **Ring** [CK90b, KH90, BD95, Coh93, HS94b, Kam92, KH93, LK99, MTG93, RSS97, RB93, RB97, YM95, ZVN92]. **ring-based** [HS94b]. **rings** [HW95, NK99, SGP92, SJ93b, WJR94, WMD96, YTR94]. **risk** [PZ99]. **river** [Tua92]. **RNS** [BDK98, CN99, DPO95, GL99a]. **Robust** [FFS92, DA96, HG96, KR90a, KN90, LS96a, Saa95]. **robustly** [CKC96]. **role** [PR94b]. **Roll** [PV94b, PV97, EZ92]. **Roll-forward** [PV94b, PV97]. **rollback** [ACFH95, EZ92, FTG92, LS98, PV97, SE98, TT90]. **rollback-recovery** [SE98]. **ROM** [DM94, IN96, ZI92]. **Root** [CL94c, SF96b, ALB98, EL90b, ITY97, LM92a, LM99a, MC93, MC95, WH97a]. **Rooting** [Has90, CM90]. **ROSOP** [WM98]. **rotation** [AS93, AVBZ97, LL92a]. **Rounded** [SS94b, LMT98]. **Rounding** [ELM94, KTM+94, YGI91, ALB98, EL92, LM99a]. **roundings** [DM97a]. **routability** [RN95]. **routed** [Tse97, TYJ99, TNS99]. **router** [KS94, RHS98]. **routers** [BD97]. **Routing** [ANR96, Hou99, LS96c, SC90a, TW95b, AZ98, BNL93, Ber93b, BBP+96, BL92, BFS97, BC95, CF95a, CS90b, CSK90, CC97a, CC96b, CW96, CC97b, CG97, CG94, DBD93, Dou93, FRU96, FS94a, GDYS96, GP97, HSL96, HTCT91, JO93, KS92, KS93a, KD94, KYM97, Kus90, LL94, LM92b, LK95, LH98, LH91, LMT95, MM97a, MS95, OK99, PA96, Pin99, RB91, Raj96, RFS92, SS96, SW97, ST96, Szy97, TA95, TL99, Tua92, UVM97, VB96, WL90, WH94, WSEZ90, WS91]. **Rover** [JTK97]. **row** [BL92, SM96b]. **row/column** [SM96b]. **RSA** [BM94, TY92a]. **rule** [KR93]. **rule-based** [KR93]. **rules** [BS93a, CBRS90]. **Run** [JCMH99, SMC91, DB91]. **Run-time** [JCMH99, SMC91, DB91]. **runtimes** [SS95].

S [HF97]. **S3.mp** [PBND98]. **Safe** [VP94, AS95, LC98b, Nic98]. **Safety** [Wu95, VP93, Wu97]. **salesman** [BJK93]. **Salphasic** [Chi94]. **Salvaging** [Sav98b]. **same** [SLH97]. **sampling** [CHH98, KHW94]. **sandwich** [YM95]. **SAT** [GGD96]. **satisfiability** [MSS99]. **save** [CM96b, Pie94]. **saving** [RSD+98]. **Sb** [HF97]. **SbEC** [HF97]. **scalability** [Dek98, GS98, HSHG99]. **scalable** [DBAP93, DBAP94, MNL99, PA96, TB99b]. **Scale** [TAY91, ABK90, CL90, DM96, FW93, LKL98, Tze92]. **scaling** [ATF98, ALB98, EL90d, GL99a, SL90b]. **scan** [CA90b, GB90b, HRT+95, KT96, NGB93, PL99, RTZ98, RT99, TB99b]. **scan-based** [TB99b]. **scatter** [NS90]. **Scattering** [BPRR93]. **scheduled** [HKC97, dG90]. **scheduler** [BK90]. **schedulers** [CC92]. **schedules** [SF91, TC95, WNS96]. **Scheduling** [BH97, CLL90, Sah96, ASWW92, BSMC98, BH98, BL98, BS99, Cha99, CLM+95, DA99, DKT96, FTYZ90, HL91a, HL97, HLH96, HL92b, IOP99, KSS95, KM92b, LK91a, LHS+98, LVAG98, NT92, PM91, PB99a, PB99b, RSD+98, SMC91, SK92a, SL95, SC95b, SS94c, TW95a, TN93, WPS96]. **schema** [SK92b]. **Scheme** [KTM+94, BNL93, BBBM95, BJ94, CL96, CUC97, COK95, Fuj99, GL99a, GPZ99, HL91b, HKL98, JW91, Kat96b, LMJ93, Lee92, LH92, LYS95, LK96, Lo96, Man93, PA96, PV94b, Sto93, Tse97, Tya93, UVM97, Vai97, WY95, ZI92]. **schemes** [AS92a, BD97, BM94, CM96b, FM95, LS93, NAB96, RW98, RCBB96, SSA94, Vai98, ZB98]. **Schur** [Zar95]. **Scientific** [KL97]. **scope** [FR97a]. **SDE** [IIK$^+$91]. **search** [Ara92, CCL92, Kuh98, Lu97, MSS99, PG92, PR95b, Tok94, ZS99]. **Searching** [HMM$^+$90]. **SEC** [Kat96a]. **SEC/AUED** [Kat96a]. **Section** [Ano98c, JHK97]. **sectored** [Sez97]. **Secure** [PBB97, WL94]. **security** [Kuh98]. **seed** [SM92b]. **segmentation** [Dal92]. **segments** [LT95]. **select** [Kan93c, Tya93]. **Selection** [ELM94, ASS94, ALB98, BM94, MC92, SPM97]. **Selective** [SV97, YY97]. **Self** [KSGT96, SCW91, WM92, Yok92, AZ98, BK95, BJ94, CF95a, CW99a, CC96b, CL94b, DGY92a, DGY92b, FTYZ90, GPZ99, GP96b, HPN95, HMC90, HJ92a, IN96, JO93, Jha93, KPB92, KC93a, LL94, LYS95, LT90, Lo96, LZM90, Nik98, OK96, Pie90, Pie96, RB91, RFKL93, SD92, SM96b, Szy97, THL92, Tao97]. **Self-checking** [KSGT96, BJ94, CW99a, HPN95, Jha93, KPB92, LT90, Lo96, RFKL93, THL92]. **Self-Delimiting** [Yok92]. **self-diagnosable** [SD92]. **Self-diagnosis** [SCW91, LYS95]. **self-diagnostic** [KC93a]. **self-recovering** [OK96]. **self-repairable** [SM96b]. **self-routing** [AZ98, CF95a, CC96b, JO93, LL94, RB91, Szy97]. **self-scheduling** [FTYZ90]. **self-stabilizing** [CL94b, LZM90]. **self-test** [BK95, GPZ99, GP96b, HMC90, IN96]. **self-testing** [Nik98, Pie90, Pie96, Tao97]. **self-timed** [DGY92a, DGY92b]. **semantics** [Bou90]. **Semi** [MST98, CMST90]. **Semi-logarithmic** [MST98]. **semi-Markov** [CMST90]. **semimodular** [LB99]. **sense** [VB96, YW99]. **sensitivity** [BE92, CI92]. **sensor** [IJN94, Pol95]. **separation** [HBAB95]. **sequence** [LS96b, Leu97b, RP99]. **sequences** [Ann97, CT91a, CW94, KTS90, OM95, PR94a, PR96a, RT96, SM96a, UWZ97, WP90]. **Sequencing** [KS96b, HC92]. **Sequential** [PWG94, RT91a, Som90, CMS99, CA90b, CAK90, CA92, DGY92b, FW93, HRP99, KSL93, KF97, LB90, NSUR98, PR93a, PR94a, PR94b, PR95c, PR96a, SSDK95, SW94a, Ver92, WM92]. **Sequentially** [XH95]. **Serial** [JLLR94, HB92, IV94, SFM92]. **series** [Yan90]. **server** [BM94, DM92, SLS95, WNPM95, ZC98]. **server-aided** [BM94]. **Service** [CK90b, DKT96, HS98b, LW95a, LW95b, MRJ97, vdLS93]. **set** [BBP91, CR90b, HKN99, Kor94a, LL96a, Pie93, SR93, WW91, Wan97, WHL95]. **set-associative** [HKN99, WHL95]. **sets** [CR93, GRR94, Hua90, KTM96, KEA96, Kun92, MC94, SP96, WG98b]. **Setup** [OM91, DL97]. **seven** [FTL93]. **SFU** [LLS91]. **Shared** [DW91, BGJ$^+$96, CB99, CS92a, DDS98, DYD94, DA99, Dek98, GW92, HSHG99, HS94b, HS93, KH97, MNL99, PRASA99, PBND98, PLJ94, RPW98, SS94c, Tze92, WF90]. **shared-memory** [BGJ$^+$96, DDS98, DA99, GW92, MNL99, PRASA99, PBND98, Tze92]. **shared-nothing** [HS93]. **Sharing** [KH90, BHR94, Bon90, CS96a, HS94c, HS94d, JLC98, SC95a, TLH94]. **Shift** [Kor94b, CW94, GP96a, GK92, HRT$^+$95, SM92b, Tok94]. **shifters** [FR94]. **short** [Man95, SY91b]. **shortest** [AHT92, WH94]. **shortest-path** [WH94]. **shorts** [HM93]. **shuffle** [Hua90, HTCT91, MB95, RB91, Sch92]. **shuffle-exchange** [MB95, RB91, Sch92]. **shuffle/exchange** [Hua90]. **ShuffleNets** [LLJ97]. **sided** [Sar90, VC92]. **Sigmoid** [ZVDF96]. **sign** [ABCW92]. **sign/logarithm** [ABCW92]. **signal** [AR94, AB98, CH90, KM92a, Lim92, LKL98, PB99a, RB90]. **signaling** [Leu97a]. **signals** [Chi94, PL99]. **Signature** [Ano96b, Dav90, NAH98, Bos90, CPV91, DOR91, FFKI95, Hla92, HMC90, KPI93, KC93a, KLV94, LK91a, MMJ91, MI93, PGK90, Rob91, SFM92, SM97, Wil93, WI95, YL95b, YL95a]. **signatures** [UR94, Wil93]. **Signed** [AW93, Par90, PK94, Tho97, CR90a, GM98a, Par93, Pou97, WH99]. **Signed-Digit** [Par90, PK94, CR90a, Par93, Pou97, WH99]. **silent** [BES$^+$96]. **silicon** [RF91]. **SIMD** [AMS96, CSS90, LPP91, RS96]. **similarity** [OZL96]. **Simple** [EL90d, SFM92, CF95b, CCGS98, MC92]. **Simplicity** [Egg91, ZCT99]. **simplified** [Ma98]. **simulated** [ACH$^+$97b, SRHI98]. **simulating** [GSH$^+$92]. **Simulation** [CT96a, CCG$^+$91, CRP$^+$96, CAK90, CHH98, FFS92, Gos97, Mah94a, NNHG93, PR95a, PR95c, SS91a, SAMC99, Soh93, TWS92, TWS93, WHL95]. **simulation-based** [CAK90, Gos97]. **simulator** [HG96]. **Sine** [TAY91, Pha98b]. **Single** [JP98, Lim92, WS95, WI95, AR94, BL92, BBT94, BCLA91, CHH98, ESS98, FFKI95, Fuj99, Joh93, LL96a, OI90a, Rao93b, SW90, SR93, SL90b, Tua92, WG95, XSFR96, vdLS93]. **Single-** [JP98]. **single-bus** [OI90a, vdLS93]. **single-fault** [SR93]. **single-input** [ESS98]. **single-port** [Fuj99]. **Single-precision** [Lim92]. **Single-reference** [WI95]. **single-row** [BL92]. **singular** [EL90e]. **site** [HJ92b]. **situations** [KK91c]. **size** [BOH90, CR93, DAF94, Sav96, SLH97, SRK91, SAMC99, TH99, Weg94b]. **sizes** [HM94, KM92b]. **skew** [Fis90, KS90]. **Skewed** [BS97]. **skewing** [COK95, Lee92]. **skip** [CS90a, CSTO92, Kan93a, Kan93b]. **skipping** [Man90]. **slave** [GW91, Sah96]. **sliding** [Sar90, TB99b]. **slot** [HHS97, JLLR94, KMD97]. **Slotted** [KH90, BD95, Kam92, MTG93]. **slotted-ring** [MTG93]. **SM** [ABK90]. **Small** [CCD$^+$92, Dro98, Kus90, Lin90, WJR94]. **smallest** [Yan97]. **smartcard** [Ara93]. **Smith** [JBS90]. **soft** [BS99]. **software** [AKL90, BZ92, CW99b, CKY$^+$99, DJ99, GPTT98, GOH92, HKC97, IIK$^+$91, KKA95, Kan90, Leu97b, PI93, PZ99, RKS90, ST95a, SZTN91, SE98, SRHI98, WHK97, WK97, WNPM95, XT99]. **software-based** [KKA95]. **software-implemented** [SRHI98]. **Solomon** [HB95, IDI95, KY92, SLN97]. **Solution** [TLROL93, Ung94, JLC98, Jun95, RCBB96, WL90]. **Solutions** [Bar92, BHR94]. **solvers** [LZ94, SZN92]. **Solving** [WM98, Ber93a, HL90, SF93b, TK96, WM91]. **Some** [DH92, HNY93, Jun95, LC98a, Man93, Mul94, SI93, TY92b, Ung94, DW90, GY95b, HW95, TSH95, ZPP91]. **sorter** [BG90]. **sorters** [LC98a]. **Sorting** [BG90, FL98, VD92, AK91, Aln93, BSM97, CC94, DDGS97, Fio99, GL91, KL92, LRG91, Pie93, Raj96, SP91, SCG94]. **sources** [LL97]. **Space** [Wal97, CMH98, DC93, GL91, ITZ96, TC95, TL99]. **space-optimal** [TC95]. **Space/time** [Wal97]. **spanning** [FA96, FL91, LS92, TS97]. **SPAR** [TRM95]. **spare** [CU93a, KF92, TSS95, VRK93a]. **spared** [LaF99]. **spares** [BCH93a, CF90, TSH94]. **sparse** [ABK90, GO98, HL90, WDS$^+$95]. **spatial** [Tem99, TLH94]. **Special** [Ano97b, Ano98c, KC93b, FTG92, LLS91]. **Special-Purpose** [KC93b]. **specific** [CKY$^+$99]. **Specification** [JL91, IIK$^+$91, LL91a, PD99, TS99b]. **specifications** [KS91, TS91]. **specified** [HHMC91, HM91, ZV95]. **spectra** [FC97]. **Spectral** [BC99, BOH90, Cor94b]. **spectrum** [Cor96, Hei91]. **Speculation** [CL94c]. **speculative** [CWM$^+$95, KT99b]. **speech** [CMD93]. **speed** [GS98, HG96, KIN$^+$94, MMSS96, OVL96, PKI$^+$96, Pie90, QF92, RBG98, SSK$^+$96, SRHI98, TH99, TKS94, VT97, WS98, XSFR96]. **speedup** [Hog99, VD92]. **split** [Vin95]. **splitter** [LM92b]. **spot** [DE92]. **Square** [BNP91, CL94c, Has90, SF96b, CM90, Ell91, EL90b, ITY97, LM92a, LM99a, MH90, MC93, MC95, WS98]. **Square-Root** [CL94c, ALB98]. **squarers** [IV94]. **Squaring** [Zur94]. **SREMIS** [WI95]. **Srikanthan** [Hwa97]. **SRT** [BW95, Man93, MC93, MC95]. **stabilized** [BB91]. **Stabilizing** [GM91, CL94b, LZM90]. **stack** [WHL95]. **stage** [BCLA91, Dou93, HSL96, HSY97, She95a, She95b, YA90]. **staggered** [HKL98]. **stair** [MJ92]. **star** [BNL93, BDN96, BCGS96, CDP98, CC97a, FA96, Fuj99, GS93, HB94, LY91, LCT97, TS97]. **star-type** [LY91]. **stars** [GM98b]. **Starting** [SF96b]. **state** [CCC96, Cd93, DOR91, FW93, HB98, IJW92, KWF95, KA94, LY94, McA92, Oik92, PR97b, RFS92, Ros90, SM96a, SK94]. **state-table** [PR97b]. **states** [CA91b]. **Static** [NST96, PM91, SSH+99, SL90a, DRW92, HRP99, KK92, Uht92]. **stationarity** [Ser99]. **Statistical** [BS92, DO96, IOP99, PMW92, SAF90]. **stealing** [BCLR97]. **Steiner** [SW92, SLW98]. **step** [KK91a, Pha98b]. **sticky** [DM97a]. **stiff** [BT90]. **stingy** [OI90b]. **Stochastic** [CDFH93, GS95, Li97, PLM91, CL94b, LG92, LW95a, LW95b, LZM90, NST96, Sch96, WNPM95]. **Storage** [CG94, DM92, HL91b, MM91b, PMHY97, Vog90, vdBT93]. **Storage-efficient** [CG94]. **store** [BBB+94, Gai90, LLS92]. **store-and-forward** [BBB+94]. **Strategic** [KSNM91]. **strategies** [ANR96, BP94, BB92b, BCLR97, BLOS95, DF91, Hog99, MJ91, MY95, MB93, TSS95, VP93]. **Strategy** [SC90a, CW96, CT92, KK91a, LH91, PR92, PR95b, YW99, vdBT93]. **stratified** [CPA99]. **stream** [Uht92]. **streams** [CL99b, HR95b, HR97, VLPA95]. **Street** [CSA94]. **strengthening** [TLE97]. **Stress** [THZ+99]. **Stress-based** [THZ+99]. **Stretching** [BS90b]. **strict** [WNS96]. **String** [IJW92, IS90, MS93, MS94]. **striping** [MY95]. **strong** [CL98a]. **strongly** [Hua92, Jha93, WL94]. **Structural** [TC94]. **structure** [BP95, IDI95, LS94b, MS93, SLN97, Tze92]. **structured** [GB90b, O'C95, RSS97, WM91]. **structures** [BK95, BSS94, CSF90, CLL91, CGTN92, JHK97, KR90a, SA92, SB92b, Tra96, Vij91]. **stuck** [CH90, LB99, PW95, PR98]. **stuck-at** [CH90, LB99, PR98]. **stuck-open** [PW95]. **study** [Ber92, GB91, HS98c, IYI90, KPB92, Mei91, Soh93, ST96]. **subbus** [FL98]. **Subcube** [CB95b, CS90c, CT97b, DH91, BCS92, CB95a]. **subcubes** [CL92a, TL96]. **subgoal** [NP90]. **Subject** [Ano98d, Ano99b, CT93b, RS95]. **subnet** [AC98]. **subset** [KBMP99]. **subspaces** [RT96]. **substitution** [HT95, O'C95]. **substitution-permutation** [HT95, O'C95]. **subsystem** [GP98]. **subtraction** [ABC92, Lew90]. **sufficient** [Sch96, WdB92]. **Suggestion** [JM96]. **suitable** [CF90, YM92, YL95a]. **sum** [CY95, HBA98, SB90, Sas91, Wei94]. **sum-of-products** [Sas91]. **summation** [CM92]. **super** [CM92]. **Supercube** [ARS95]. **superpipelined** [CLM+95]. **superpositions** [SWT93]. **superscalar** [CLM+95, CL96, SIKS95]. **supersetting** [BDL+99]. **superthreaded** [THA+99]. **Support** [SE98, JTY+99, PDBH97, Par93, RPW98, ST95a, XT99]. **supporting** [Kan90, LH96]. **sure** [FHA94]. **surprise** [YF92a]. **survey** [PS91]. **Survival** [HW95]. **susceptibility** [HC94b]. **SVD** [EL90c]. **Svoboda** [MPG98]. **swap** [PLJ94]. **sweeping** [SSL96]. **switch** [Wil92b, WC99]. **switchable** [EAT95]. **switchbox** [Sar90]. **switched** [DR96, YB91]. **switches** [GMP94, TF92]. **Switching** [CC96a, YLL90, DRS91, HM91, HC94b, JO93, Jun95, Kun92, MY94b, SD96, Szy97, TLROL93, Ung94, VC92, VR94, YM91]. **syEC/AUED** [LY96]. **Symbol** [Che92]. **Symmetric**

[SS99, BHSB97, CCD^{+}92, CDFH93, Dre99, KR90b, Lin93a, MPS94, WeBM97]. **symmetries** [TMS96]. **symmetrization** [TLE97]. **Symposium** [Ano98b]. **synchronization** [CPK90, CL94b, LZM90, OS94, Pal94, RKS90, SRL90]. **synchronized** [WM92]. **synchronizer** [WC96]. **synchronizers** [EANPH93, Kle90]. **Synchronizing** [HS94a, PR96a]. **Synchronous** [LD90, AS92a, ACZD94, BJ91, Chi94, KS90, KEA96, Lin93b, LH96, PR93a, PR94a, PR94b, PR95c, PR96a, TW95a, WNPM95]. **synchrony** [BBD97]. **syndromes** [KM92a]. **Synergistic** [SL92]. **Synthesis** [Cha96, CRC96, CKY^{+}99, FSS99, KM95, LKL97, PS91, AEBVZ91, BB90, BDL^{+}99, BSS94, CCC96, CA92, DJ99, KS91, Kun92, LR97, LS90a, OK96, SJB91, SZTN91, SR96]. **Synthesizing** [KR90a, RM91, FW93, KT91c]. **Synthetic** [Mah94a, TWS92, TWS93]. **System** [DJM99, SJP96, ALPS90, ABC92, AS92b, BB92c, BMP97a, BK90, Bon90, CPRV95, CL99a, CSSP90, CGK93, DKL90, DIP93, DN98, FBL96, GP98, Gos97, JL96, KKA95, KBMP99, KK91c, KS93b, KA96, LW91, Lew90, LS90c, LL91b, LCL95, LP91, LZ94, LC92, LS97, LC98b, OI90a, Pel91, PBND98, RCS92, RDZ95, SKK^{+}90, SN99, SK92a, Som90, TI93, TXD98, TSS95, UP93, VP94, Vog90, WH97b, vdLS93]. **system-level** [BB92c, DN98, FBL96, GP98, Pel91, RDZ95]. **Systematic** [KH97, LHF93, MK90, BBT94, GB93, KGB95, KB93, Man90, MM95b, SW90, SW95]. **Systems** [Par90, PK94, SL90a, Tri98, YLL90, AS92a, AMS96, AV97, AD97, AKL90, ACC^{+}93, ABCW98, AMB96, BBD97, BH94, BR90, BR93, BH97, BL98, BSM92a, BSM92b, BP93b, BB99b, BAA98, Bou90, BNG92, BES^{+}96, BLOS95, CG96a, Cd93, Che92, CL94a, CU94, CS99, Chi94, CPK90, CL99b, CKLY98, DP99, DE90, DA99, DJ99, DD95, DP97, DG91, DM92, DDV90, FP98, FNS95, FR97b, FRK98, GPTT98, GHH93, GE92, GSH^{+}92, GL92, GYY98, HF97, HLH96, HLB^{+}97, HY99, HK95, HL90, HJ92a, HS94d, HS96, HS97, HKC97, HBAB95, IA91, JW91, KRM95, KM97a, Kat97, KK92, KS96c, KK91b, Kos94, KM92b, KS90, KEA96, KA96, KM97b, LHNP94, LY91, LK96, LK98, LS95, LKW97, MTP93, MST98, NHA92, NNHG93, OS94, OK96, OPT92, PBB97, Par93, PS90, PLB93]. **systems** [Pel98, PMHY97, Pol95, RS94, Rai95, RKS90, Rao93a, RNA93, RR95, RSD^{+}98, RCB96, Sah96, SSH^{+}99, SS93a, SD92, Ser99, SB94, SWG92, SC90b, SES^{+}92, SJ93a, SP96, SI94, SL90b, TB98a, TT90, TI92, TS95, UP93, VT97, VJ93, WRS95, WHL93, XT99, XSFR96, XH95, Yan90, YB91, YF92a, YY97, dG90]. **systems-SbEC-** [HF97]. **Systolic** [CM92, CJ90, GW98, Kor94b, MP90, Wal93, CLC92, DOP93, HB92, Hug93, IDI95, JK92, KT91c, KL92, LK91b, LC90, LK90, LHL99, MRB90, OFW92, SM92a, SS93b, ST95b, WL93, Wan94a, Wei94, WS91, WD92]. **systolic-array** [IDI95]. **systolic/pipeline** [WS91]. **systolic/wavefront** [SS93b].

t [RCSSS94, KB96, LY96, THL91]. **t-EC** [KB96, THL91]. **t-EC/AUED** [KB96]. **t-EC/d-UED** [THL91]. **t-syEC** [LY96]. **t-syEC/AUED** [LY96]. **t-unidirectional** [RCSSS94]. **T.** [PT92]. **Table** [Tan92, BS90c, MC92, PR97b, SB97, Tak98]. **Table-Driven** [Tan92]. **Tables** [DM94, SS99, EAT95, Lin90, PG92, SB92a]. **tabular** [Jun95, TLE97, TLROL93, Ung94]. **tag** [RFS92]. **tagged** [AN90]. **tagged-token** [AN90]. **tags** [WSY97, WHL95]. **take** [TW95c]. **tampering** [BBRL98]. **tape** [HMM^{+}90]. **target** [FM95, Fag97, HC92, LA98, PS93]. **Task** [KM97a, SWG92, BL98, CS90c, CT97a, HS94d, HS97, IOP99, LLK92, SC90b, TS94, ZB98]. **tasks** [BLOS95, BS99, DKT96, GPS95, HL92b, KB93, KS96c, KS96b, KM92b, NST96, PM98, SC95b]. **TBED** [KY92]. **TCP** [BB97]. **TDM** [LLJ97]. **technique** [AE94, Bel90, Ber93a, BM91, BOH90, CS96b, CT93a, DIP93, FL92, HR95b, THL92, Tok94, WJM95, YK98]. **techniques** [BB92d, Cd93, FNS95, JBA+97, KSNM91, KHW94, LS95, MAH98, NAB96, OCVSV98, OPT92, PHS99, PG91, RFS92, RP99, SAMC99]. **Technology** [ATF98, DS94]. **telescopic** [BDL+99]. **Temporal** [PB99b, Cyr94, Hou99, KKKM99, Tem99]. **temporal-based** [KKKM99]. **term** [WS95]. **terminal** [TPDB98]. **ternary** [DS94, YM92]. **Test** [BAA95, CA91b, CCCC96, ORPP93, PR97b, RTZ98, SK92a, TS91, BBP91, BAA98, BK95, CMH98, CG96b, DC93, GPZ99, GRT96, GP96b, HRT+95, HMC90, HRP99, IN96, KTM96, KN90, KLV94, KSL93, LL96a, LL91a, MV95, MBGT91, MAH98, Pie93, PR92, PR94b, PR99, RD96, RT93a, RT93b, Rob91, RP99, Sav98b, SS91a, SS91b, SK96, SSDK95, WG98a]. **Test-pattern** [ORPP93]. **Testability** [BH96, Cha96, CA90a, FSS99, KM92a, KMM91, LIO94, PK91, Sav98a, SAF90, Ver92]. **testable** [CCC96, CRC96, Hon90, LH90, MRT97, RT94, Sas97, SHHJ93, WC90, XK92]. **Testing** [LY94, PR93b, SMV91, SW94a, BS92, CG96b, CL98b, CCCC96, DOR91, DF90, FHA94, FS94b, HDS91, HJ92a, HG96, KSNM91, LK91a, LS91b, MV95, Maj96, MBGT91, MOM91, NSUR98, Nik98, OPLP93, Pie90, Pie96, PK91, PR94a, PR95b, RFM90, SSL96, SFM92, Tao97, Yan90, ZWL98]. **testing-module** [PK91]. **testing-theory** [CG96b]. **tests** [CT96a, CAK90, CKC96, PR96b, Rag93]. **text** [LL90]. **text-retrieval** [LL90]. **their** [Dam92, Dou93, HNY93, Hla92, LR97, SS95, SISU90, TY92a]. **Theorem** [NAH98, Sch92, HP95]. **theoretic** [Bos90, DC93]. **theoretical** [Bok96, LY96, Nic98]. **Theory** [BMP+97b, CCC96, DJM99, NKC94, NC97, Nic96, Nik91, NK92, RCSSS94, TB98b, BB92c, BB99b, BCH95, CR90b, CZSM99, Cd93, CG96b, FRU96, KS93b, Pal94, SAF90, Uht91, YK98]. **thrashing** [FL93, JLC98]. **Three** [CWM+95, WM91, Dou93, HW97, Maz93, Sar90, SBP90, SBP91, TW95b]. **Three-dimensional** [WM91, Maz93, TW95b]. **three-sided** [Sar90]. **three-stage** [Dou93]. **Threshold** [GS97, Pie93, RB99, TN93, VCB96]. **thresholding** [CT93a]. **Throughput** [LP98, CS92a, CK91, HDS91]. **throughput-oriented** [CS92a]. **Tight** [AR94, LH98]. **tiling** [PNDN99]. **Time** [GL91, QM93, SF91, THH92, AA92, BOI94, BH97, Ber93a, BLOS95, BS99, CR97, CK94, CC94, CS96b, CK99, CT93b, DKT96, DB91, Fer91, FR97b, GOH92, GPS95, HL91a, HL97, HR95a, HLH96, HHS97, HS98a, HLB+97, HL92b, HS94c, HS94d, HS96, HS97, HKC97, HJ92b, HBAB95, IA91, JL91, JCMH99, JLLR94, Kan90, KMM91, KS96c, KL92, KM97b, LIO94, LO94a, LMT95, MRB90, MC93, MC95, NT92, Pol95, PR92, QSA91, RT94, RHS98, SMC91, SS93a, SRL90, SRSC91, SSS97, SB94, SK94, SC95b, SS94c, SLS95, SC90c, TW95c, VRK93b, Wal97, WRS95, WNS96, WT90, WD92, ZSR90, ZS99, FTG92]. **time-analysis** [HJ92b]. **time-constrained** [HHS97, ZSR90]. **Time-division** [QM93]. **time-freeze** [CR97]. **Time-space** [GL91]. **time/hardware** [Fer91]. **Timed** [DLW91, LD90, ACZD94, BDL+99, DGY92a, DGY92b]. **timeouts** [HS94c]. **times** [FCL98, HKC97, IOP99, KT91b, Li97, vdLS93]. **Timing** [TS98, ASWW92, CBRS90, Mil91, Pol95, SL95]. **TLB** [SS95]. **TMR** [CS99, KS96a, KS96b, SK94]. **Token** [CK90b, ACZD94, AN90]. **Token-Ring**

[CK90b]. **Tolerance** [BGM+95, PT92, Als92, BRS+90, CDHT99, CB95b, CB96, DJ99, DA96, DM97b, FRK94, Fit97, FA96, GRR94, HJ92b, HNG94, LNS94, LMJ93, MRB90, NAB96, NG90, PMAC95, RYT95, Red98, RR93, SC94, SL92, Sto93, SCG94, TK97, VC92, WJ94, WG98b, YF92a]. **Tolerant** [MM95a, AKL90, ACC+93, BR90, BR93, BR94, Bar92, BP98, BC95, BP95, BCH93a, BCH95, Cd93, CF90, CS90b, CU94, CUC97, CW99b, CW96, CC97b, CPK90, CS96c, DG91, DH90, DH92, FP98, Fuj99, GB91, GP97, JHK97, Kan90, KS93a, KLL97, KKS93, KH97, LS96a, LH92, LK96, LK99, LKK+94, LH91, LCT97, LBF92, LKW97, Maz93, Mel92, MS95, NA90, NHA92, OPT92, PM98, PS90, PLB93, PR93b, PV94b, Rai95, RNA93, RB93, SCD+95, ST95a, SJB91, SY91b, SJ93a, ST95b, SR91, Sta93, SS96, SW97, SR96, TT90, TK97, TSH94, TSH95, TK96, TYJ99, TS95, VP93, VJ93, WRS95, WH97b]. **Tolerating** [BCS92, Pol95, BGJ+96, BBBM95, HD98, PH93]. **tool** [DA90, GAFN96, TMS96]. **toolkit** [JTK97]. **top** [Dal92]. **topics** [Fal99]. **Topological** [CDP98, SL91a, BBKA95, LC98a]. **Topologies** [HSY97, RDZ95, WH94]. **topology** [DDS99, PS99, SP96, YA90]. **topology-based** [SP96]. **tori** [TYJ99, TNS99]. **toroidal** [Pea96, TP94]. **torus** [Bae97, CSA94, CG94, Tse97]. **torus-based** [Bae97]. **total** [PMW92, WeBM97]. **totally** [BJ94, CW99a, HPN95, LT90, RFKL93, THL92]. **tour** [SM96a]. **trace** [CHH98, KHW94, Mah94a, PFP99, RBS99, TWS92, TWS93]. **trace-driven** [Mah94a, TWS92, TWS93]. **trace-sampling** [KHW94]. **traces** [Mah94a, RM91, TWS92, TWS93]. **track** [VRK93b, VRK93a]. **trade** [BOI94, CS96b, CSA94, DAF94, PV97, SAMC99, Wal97]. **trade-off** [PV97]. **trade-offs** [BOI94, CS96b, CSA94, DAF94, SAMC99, Wal97].

tradeoff [Fer91]. **Tradeoffs** [KC93b, MFH91, SRK91, SJ93b, SC90c]. **Traffic** [KS92, FTL93, HR95a, KBMP99, LL97, RKJZ99, UVM97]. **traffic-balanced** [UVM97]. **TRAM** [RK96]. **transaction** [GL92, LS97]. **Transactions** [Ano96a, Ano98a, GPTT98]. **transcendentals** [LMT98]. **transfers** [BH92]. **transform** [Man95, ZV95]. **transformation** [LK90, Pou97]. **Transformations** [HC94a, ABCW98, FC97, Har92, KRC99]. **transforms** [CJ90, CJ91, CT91a, Dam92, LM92c, MS99, Mie93]. **transient** [CRP+96, YS96]. **transistor** [WM92]. **transition** [CKLY98, SM96a]. **transition-tour** [SM96a]. **transitive** [SM92a]. **Translation** [BBP91, Dal92, Kat97]. **transmission** [Kip94, KT91b, ZSR90]. **transmission-line** [Kip94]. **transmitters** [CDP98]. **transmitting** [LS96c]. **transparency** [SK96]. **Transparent** [KM94, EZ92, Nic96]. **transport** [Mei91]. **Transposition** [LS96a]. **traveling** [BJK93]. **treating** [YM92]. **tree** [BDN96, BHR94, BS90a, BH96, CB99, CU93a, DH90, LK96, LS92, O'C95, RSS97, SM93, SR98, SBP90, SBP91, SY91b, SL91c, SB92b, SCW91, Tra96, TC94, Vij91, Zhe94]. **tree-match** [SL91c]. **tree-structured** [O'C95, RSS97]. **trees** [BB92b, BOH90, FBM93, FA96, FL91, GH91, Jha93, KT91b, KB95, MJ92, MM91b, OZL96, PK90, SW92, SLW98, TS97, WM96, ZS99]. **trellises** [LV99]. **triangular** [HL90, LLS92]. **triangularization** [EL90c]. **triangulation** [SBP90, SBP91]. **tridiagonal** [DD95, LZ94, SZN92]. **Trigonometric** [Fow93, Smi95, Kan96]. **trinomials** [SK99]. **triple** [GB93, KGB95]. **triple-adjacent** [GB93, KGB95]. **triplex** [Vai96]. **true** [JLC98]. **Truncated** [YGI91]. **truncation** [BW95]. **TSC** [DSPN95, LF96, PEH90]. **tunable** [CDP98]. **Tung** [MPG98]. **tuning**

[CDP98]. **TWDM** [LLJ97]. **twin** [LD94]. **twin-bus** [LD94]. **twist** [Pea96]. **twisted** [DMS94, ENS91, Pea96]. **Two** [MBNSV93, PHK94, RB99, BOH90, CCGS98, CL92a, CG96b, FRK98, Hua92, IO98, IO91, Jha93, Kan93a, LYW94, LKW97, MH90, OFW92, OZL96, Rao93b, SG90, Sas91, SBP90, SBP91, SM96a, SF96a, ST96, TA95, UVM97, Vai98, YF92a]. **two-dimensional** [IO98, IO91, SF96a, ST96, UVM97]. **two-layer** [LYW94]. **Two-level** [MBNSV93, BOH90, FRK98, Kan93a, LKW97, Vai98]. **two-pattern** [CG96b]. **two-phase** [TA95]. **two-rail** [Jha93]. **two-state** [SM96a]. **two-valued** [Sas91]. **type** [DBJ98, HSL96, Hua90, Kan93a, LY91, Man93, She95a, YM99]. **Types** [Wel94, LaF99, WdB92, WHL93].

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Validated [DM97a]. **validation** [KS91, MAH98]. **value** [EL90e, FFKI95, LA98, Rao93b, Sas91]. **valued** [AE94, BHSB97, Dam92, GM98a, HNY93, KIN+94, KLPS93, LPV96, PKI+96, Sas91, SB92a, SB97, TCI98, TB91, ZV95]. **Valved** [LK95]. **Variable** [Yok92, AC98, BBP+96, BW96b, CS90a, Cd93, DBJ98, FR97a, FS90, IS94, MMSS96]. **Variable-Length** [Yok92]. **variants** [HV91]. **variation** [Efe91]. **various** [WdB92]. **varying** [KM92b]. **Vector** [AK92, DC93, BA93, CL99b, Dek98, Fri95, HL91b, Har92, HC93, PWG94, RH93, SL91b, Soh93, SY99, Yan93]. **vector-reduction** [SL91b]. **vectoring** [LA98]. **vectorization** [CY95]. **vectors** [DHK93, HRP99, Lin93b, SSDK95]. **verifiable** [KM95]. **verification** [Cor94a, LPV96, LY94, Mil91, Pal94, PBND98, Win95, YL95a]. **verified** [BSM97]. **verifier** [PD99]. **verify** [JBA+97]. **versa** [GP96b]. **versatile** [IJN94, SP91, SLN97]. **versus** [CSA94, Egg91]. **vertex** [SM96b]. **Vertical** [PI93]. **vertices** [Bar98, PRS94]. **Very** [ELM94, LM99a, ALB98, DM97b, HS93, Kan93a]. **Very-High** [ELM94]. **via** [DL94, GL92, Ng91, PM91, Red98, SL91a, SJP96, TMS97, Uht92]. **vice** [GP96b]. **victim** [SV97]. **view** [BBD97, SBM+98]. **Virtual** [BP92b, Wel94, DRS91, Hou99, KS92, WF90, WHL95]. **visibility** [SS90a]. **vision** [Sut91, TH91]. **visualization** [GAFN96, MS93, MS94]. **VLSI** [SP91, AS92a, AM91, AM93, AB98, AK91, Aln93, BOI94, BB92b, Bry91, CF95a, CJ91, CU94, CUC97, CRS98, CGTN92, CT91b, DM93, FE97, LK91a, LR97, LP90, LH90, Nic98, NV99, NLV91, OK96, RBK90, SR98, SBP90, SK92a, SCW91, SC90c, TB98a, TT90, TF92, Tua92, WP90]. **VLSI-efficient** [CF95a]. **VLSI/** [RBK90]. **VLSI/WSI** [CU94, CUC97]. **VOLTAN** [SES+92]. **Volume** [Ano96a, COK95]. **Vote** [TK91]. **voting** [LYS95, TK91]. **vs** [AB98].

wafer [DLC93, LKL98]. **wafer-packing** [DLC93]. **wafers** [RFM90]. **Walk** [CK99]. **Walk-time** [CK99]. **warp** [AA92, FTG92]. **warranty** [PZ99]. **watchdog** [SM90b]. **waveforms** [Cyr94]. **wavefront** [SS93b, Sto93]. **Wavelength** [Dow92]. **way** [IJW92, San93]. **WDM** [CDP98]. **weak** [SS90a]. **weakly** [WHB98]. **Web** [CL98a]. **weight** [AW93, Lin93a, TB98a, WH99]. **Weighted** [Rag96, AM93, Bar98, Cor96, Maj96, NK97, Sav99, TK91, WZXX93]. **weights** [Maj96]. **well** [CDFH93, LL91a]. **well-defined** [LL91a]. **well-formed** [CDFH93]. **while** [LRG91]. **WICI** [PA96]. **Wide** [CL98a, YW99]. **Wide-sense** [YW99]. **width** [MRT97]. **Wildcard** [BCH95]. **window** [Ara90, DAF94, MRJ97, SAMC99, TB99b, ZSR90]. **window-based** [TB99b]. **window-consistent** [MRJ97]. **windows** [Sav98b]. **winner** [TW95c]. **winner-take-all** [TW95c]. **wire** [Gre94]. **wired** [LM92b, VSS91, VS93]. **wireless** [DRT97, Leu97a, TPDB98]. **wires** [BL92]. **Wiring** [SWWW94, BS90b]. **within** [Joh93]. **without** [CM96b, CL92b, DM96, EL90a, EL90b, LP90, MS99, Par94]. **word** [ABC92, Lew90]. **work** [AS92b]. **workflow** [PDBH97]. **Workload** [Hog99, CS92b]. **workloads** [SST92]. **workstation** [SKK+90]. **workstations** [BCLR97]. **World** [CL98a]. **wormhole** [BC95, BD97, FRU96, KD94, LH98, LH91, SW97, Tse97, TYJ99, TNS99, UVM97]. **wormhole-routed** [Tse97, TYJ99, TNS99]. **worst** [BHSB97, CK91, Krä98]. **worst-case** [CK91]. **write** [BBRL98, Gai90]. **write-once** [BBRL98, Gai90]. **writers** [TN93]. **writing** [ST95a]. **WSI** [CU94, CUC97, RBK90].

XOR [CRC96, ESS98].

Yield [CU93b, HK90, KKS93, KF92, NV99, Sta93, TSH95, WL90]. **yielding** [Dro98].

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