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Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

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(k, K) [NC03]. (m, k) [JS09]. $(S_tb/EC - S_bED)$ [UF03]. (t, k) [AS03c, CCC07]. $(t; k)$ [CCC06]. 1 [EVDN05, Tze04]. 1/2 [HT00]. 2 [AVZ08, Biq05, Cha06, LS09b, MYL+01, TP02b, Wu03]. 2^k [FFLTM09]. 2^m [AQ08]. $2^n + 1$ [EVN04a, VEN02, EVDN05]. $2^n - (2^{n-2} + 1)$ [PBB07]. $2^n - 1$ [EVN04b, KNE+00, PB07b]. $2^n \pm 1$ [EVN03]. 3 [AVZ08, CMD05, GT06, KPDS01, LA05, LLP09, NKY08, PLK+03, PL09b, TK00]. 4 [KK09, LA03a]. >= 4 [FDBS05b]. ^{2} [Gho01]. ^{4} [OMM02]. $_p$ [LJ01]. $C + AB^2$ [WG00]. ηT [BBD+08b]. $F(2^m)$ [NWA07]. $F(2^n)$ [Gol02]. $GF(2^m)$ [CCL+09, CHC05, PDS07, RMH04]. IF_2 [CO09]. k [BB03a, CDLS06, IO03, KYY+03, KNS01, SAOKM01]. log_3P [CGS07]. $\log_n$ P [CGS07]. M [KF04, MT06, MBCP07]. $m(\geq 2)$ [EB09]. GF(2^k) [Sun04]. GF(2^m) [AP00, BBGM08, Cil09, DH05, EL02, FH06, GMQS02, HRM09, HW00, KWP06, LLL01, LHJL05, RMPJ08, RMH02, RHMLL08, TYT01, WG00, WWSH04, YS03]. GF(2^n) [ADMRK02, FD05, KOL02, SBPV07]. GF(q^n) [GS03]. n [BB03a, IO03, KYY+03, KNS01, PR04b, SAOKM01, Tze04]. $N \times N$ [Sue09]. $O(\log n)$ [LS04c, SK04]. t [AB00, BET07, CLTH04]. t/k [FL05]. Z_m [BET07].

-approximating [CDLS06]. **-ary** [BB03a, EB09, IO03, KYY+03, KNS01, MT06, SAOKM01, KF04]. **-color** [TP02b]. **-connected** [CLTH04]. **-cube**

[IO03, KYY+03]. **-cubes** [BB03a, KNS01, SAOKM01]. **-detection** [PR04b]. **-diagnosability** [FL05]. **-diagnosable** [AS03c]. **-Diagnosis** [CCC06, CCC07]. **-EC** [AB00]. **-EC/AUED** [AB00]. **-Level** [Cha06]. **-out-of-** [Tze04]. **-track** [HT00]. **-Unidirectional** [BET07].

1 [OBB+02].

5 [BP07].

60-year [Ano06f]. **61499** [YRVS09].

754R [CHA+09b].

802.11 [LLP09, LLC03]. **802.16** [NH06].

A-combined [MM04]. **Abort** [KLS01]. **Abort-oriented** [KLS01]. **aborting** [LKS03]. **abstraction** [KR01, PEP06]. **Accelerating** [BMR04, KDM+09, LM00, ZBI+07]. **Acceleration** [JMH02, CZM05]. **Accelerator** [SC06]. **Access** [CX07, FAL06, GMSC09, JDZ07, LCL07, MK07, SZZ09, BW03, CMD05, ICM03, MWA+00, ZBC02]. **Accesses** [BP09, FPL+08, LKS03, SE05]. **Accrual** [BWR+07, WRJ07, CRJ06, LWRJ06, WRJL05]. **Accumulate** [DT05]. **Accumulation** [PKCD09]. **accumulations** [LM00]. **Accumulator** [NKSG09, Voy05]. **Accumulator-Based** [NKSG09]. **accumulator-generated** [Voy05]. **Accuracy** [MR06a, SM09, YSLH07]. **Accurate** [CGS07, EP09, Gra09, HSS+08, Gho01, LG01, XV04]. **achieve** [RPH01]. **achieved** [PR02b]. **Achieving** [OS03, GNF+06]. **Achitectures** [Ano07i]. **Acknowledgment** [Bal04]. **acknowledgments** [ABG04]. **Acoustic** [lFB07, HW07, SMN07]. **Across** [ZDS+07, CK05, RSM+05]. **Action** [MNR08]. **actions** [XRR+02]. **Active** [CLE+07, SMS07, KCHS04, ZC05b]. **activities** [LWRJ06]. **Actor** [LSS09]. **Ad** [Ano04h, WCYR07, WDY08, BB03b, CCS+04, DGZA03, LWF03, TNS03, WD04]. **adaptation** [HSU03, IM06, Thi00]. **Adaptations** [BHS09]. **Adapting** [CU02]. **Adaptive** [ACPP08, BDK+02, FML03, HUN07, JVG07, KSL08, LL08, LLLD06, MY07, MWK+09, SKK+09, THC+08, TNS03, WGZ+08, ZJ08, ASB03, CNM+02, Hie04, KP00, KL03a, KL04, KNS01, LLS02a, RBC+03, RKM05, Uht05, XLN05, GCNS08]. **adaptivity** [DNVG05]. **Add** [BDL09, LB04]. **Addendum** [KL04]. **Adder** [CS09a, Dad07, PBB07, EVN03, Hia02, NMLE00, VEN02]. **Adders** [CUT00, HAH08, KNE+00, KS05, COP+06, DN05, EVN04a, UK01, VNBE03]. **adding** [YLH05]. **Addition** [CCY00, CLV05, PBB07, PB07b, WSTJ09, ADMRK02, CV00, LM00, PGK01, SE04, YJ03]. **Addition/Subtraction** [CCY00]. **additional** [Tsu00]. **Address** [HAAvdG06, MKP06, OVB+06, SHR08, SZ05]. **Address-Value** [MKP06]. **Addressability** [CL09]. **Addressable** [KPP09, MDJM05, ZIPL00]. **addresses** [MH01]. **ADir** [LJ01]. **adjacent** [PR00a]. **Adjustment** [ZV06, KH00]. **Admission** [WFP08, CP02, Fan03b, HH02, LMM03, Mey01]. **advance** [BMR04]. **Advanced** [AFM+06, HL09, SM09, BBK+03, EGP03, YW06]. **Adversarial** [GSS08]. **AES** [HV06, MAD03, SK02]. **AES-Proposal** [SK02]. **affecting** [Fav06, MFR00]. **Affinity** [BFP+06]. **Affinity-driven** [BFP+06]. **after** [MS02]. **against** [GSH+08, ML08, MRL06, MG08, SXZ+06, WHZ09, YJ00b, YKLM03]. **AGAMOS** [ACS+09]. **agent** [EGP03, PS03]. **agent-based** [EGP03]. **aggregate** [AVVY05]. **Aggregation** [LKTT08]. **aggressive** [LLVA01]. **Agreement** [FMRR07, AK00, KPT04, Tze02a, Tze02b].

aided [KKP00, SC05]. **Algebra** [BS08, ZP08a, ZP08b]. **Algebraic** [Kap09, WT00, YF09]. **Algorithm** [Bol09, BDK+05, DZ06, LN07, LHC+08, MY07, MBCP07, PEB04, SL06, SC06, Sum08, WCKD04, WH06, Yan08, YJ06, BDBR05, CCMS02, DM00a, Gho01, HSW03, JZ05, KT05, LWRJ06, dALB03, LWG01, Low00, Mey01, MB03, MO06, OPZ00, PY05a, PC02a, RB05, Saa04, SV06, SP02, SZ05, Sun05, TK00, TYT01, TK03, Thi00, YJ03, YOC+01, ZWST03, ZV02]. **algorithm-based** [MB03, YOC+01]. **algorithm-specific** [BDBR05]. **Algorithmic** [KDM+09, Has01]. **Algorithmic/Architectural** [KDM+09]. **Algorithms** [Ano06e, Ano06c, Ano06d, BBD+08b, BM08b, BGH07, CD09, ES00, FH06, FFLTM09, GDM07, KS08, KDM+09, KB08b, LOP07, MAA+08, NZ07, RS08b, UBWF08, XHLC08, XS07, Ali02, BFG01, BGJ+05, CBP00, CLF05, DV04, DJM00, FML03, FFS02, Fro00, GCI06, HW00, JD06, JS06, JMH02, KI04, KYL02, LR04, Ngu05, RL04, RM06, SS06, SHK06, WT00, WWSH04, WRJL05, WK06, XTX06]. **Aliasing** [Had05, BDG03, LRJ00, MGZ06]. **all-one** [CHC05, LLL01]. **all-pairs** [MO06]. **all-port** [WT00, YW01]. **all-to-all** [YW01]. **allocated** [Tsu00]. **Allocation** [HUN07, SZL08, XQ08, ABP+05, CCK00, CC02, DSV05, ET03, HSH01, HR02, HLLR00, KYY+03, KL03b, LLC02a, LP00, MVG+04, RL04, ST04, UK01, WZX05, YJMS05, YNOJ02, YD02, Zha03]. **almost** [CM01]. **ALR** [GCNS08]. **Alternating** [CXP06]. **Alternative** [VAZSR07, WH06]. **alternatives** [FFS02]. **ALU** [Voy08]. **ALU-Based** [Voy08]. **Analysis** [Ano07f, ACPP08, Ayd07, AFM+06, CPRS07, CMS08, DPZ07, DTHS09, Gir06, Hey03, HW07, KL09, KSL08, Lev07, LLW07, Lo02, ML08, MKS03, MG08, PB07a, PRB09, RS08a, SKJ07, SSST06, TB06, XPGP06, XYR+09, XHLC08, ZB09, Ali02, BBK+03, BBB03, BB04, Car04, CWC02, CMCJ04, DNVG05, Fan02, Fan03a, Fav06, Has01, KDB+05, KM03, LRJ00, LVLL06, LMS04, LP00, LLC00, LG01, LGK01, MDS02, MSM02, MKAP05, PCR01, SMBY05, SMMMK03, TB03, WPP05, XP04, XSMH04, YFKB04, YWV05, YECV02, YBB00, ZWST03, ZBS+04]. **Analytical** [CGS07, SAOKM01, XV04]. **Analytically** [Gro04]. **Analyzing** [BF08, HKM09, DH06]. **and/or** [CL06]. **anniversaries** [Ano06f]. **Annual** [Ano04b, Ano05a, Ano06b, Ano08a]. **Anomaly** [MT02]. **Anonymous** [Wan04]. **Antennas** [ICRSR+09]. **antilogarithmic** [AS03b]. **Antisequential** [BB05]. **Aperiodic** [SL06, ASL04, LMM00]. **aperture** [VPR04]. **Application** [HL05, Imr07, RK06, XLSF07, AAS00, BO03, BB03b, GL02, HR02, KKP00, KS00a, NAH02, SSST06, TN00]. **Applications** [ACV05, Ano07d, BM08a, BG08, CLE+07, CCdS04, GSS08, JPSR07, KGB07, LL08, LZ07, MK07, NTA08, RC06, WHT09, XQ08, YRF08, ZSS08, AS00, BGL+03, CD04, CWM01, DK04, FFS02, GL05, KGM+05, LMM03, LJ05, ML00, NS03, Raj00, SLL+00, Sma03, SMBY05, TSC+00, XQ06, XSMH04]. **Applied** [KGG08]. **Applying** [FLM+03, JLJ07]. **Approach** [ACS+09, BF08, BKM07, CNG+09, CKC+08, Dad07, FH07b, HAH08, ORM07, OMG07, SKG09, WAU+08, XM07, YRVS09, ZVT09, ABD+04, CC02, FS00, GHP03, HAK05, HS04, HML00, KLY+05, LML01, LS04a, MM04, MG02, MKBG00, PEP06, RK03, RG05]. **approaches** [Has01, TNS03]. **approximants** [CL01]. **Approximate** [Fio08, AK00, CSS02]. **Approximating** [SC07b, ZR07, CDLS06]. **Approximation** [POMB05, SS06, XS07, CLW+03, XTX06]. **Approximations** [LCLV08, KDB+05]. **AQuA** [RBC+03]. **AQUILA** [HCC+00]. **Arbitrary** [BNRB09, BM08c, PGVB08,

WRJ07, FWCL06, Had05]. **arbitrary-shaped** [FWCL06]. **Arbitration** [ASMD07]. **Arc** [XWC+08]. **Architectural** [KCHS04, KDM+09, PPB+07, MTB+01, RVJ+01, TJB03]. **Architecture** [ANPS07, Ano09c, AH08, Cha06, CS08a, CBC07, CRS09, CWM01, DT05, GBD07, GT06, HSLN08, KGG08, KC07a, LN07, Lee09, Moo07, MWK+09, OM07, PDS07, PL09a, PEB04, PBLM08, RG09, SZGS09, SFRV09, SKK+09, SH09, VPG+08, WWH+07, WYMG09, AP00, BDBR05, Con00, EFX+04, EGP03, FZM00, GL05, IB00, KTK06, KGA01, KOL02, LPS00, LCKR03, MAD03, MG02, PLK+03, PP06, RMB05, RCA01, RBC+03, SSC03, Sav05, SLT01, TM04, TK03, VC02, XS02, YLH05]. **Architectures** [Ano06e, Ano06c, Ano06d, Ano07g, Ano07d, BSH09, DH05, FN09, GDM07, LG06, LG09, NWA07, PB07b, RLJ+09, RMH06, SSA09, SC07a, ST08, SK02, TPB+08, Car03, GYA+03, HW00, KPDS01, LKF03, LLVA01, MRS00, MKBG00, PGJ+05, PEP06, RMH04, RM06, SKS04, San06, SD06, VW05, YS03, YL06b, ZK01]. **Area** [BG05, CH07c, HV06, Kim09, NKY08, PKM00, SLS04, WGZ+08, Hia02, PDS04, ZS00]. **Area-Efficient** [CH07c, NKY08, PKM00]. **Area-throughput** [HV06]. **Area-time** [SLS04]. **Argument** [BDL09]. **Arithmetic** [Ano07c, Ano07e, Ano09d, BIN06, BSH09, BBD+08b, CCSK00a, CCSK00b, CHA+09b, CLV05, DLM09, FFLTM09, HAH08, Kah04, KK00b, KMMS09, LM08, RC06, SBPV07, SS00, SB05, VVSA07, GMQS02, GS03, GPS05, HL05, NYC05, PS04, RZ04, Red03, SAJ02, UK01, YS01]. **ARQ** [ABT07, EB09, SSCG06]. **arrangement** [HLTH04]. **Array** [DK04, FS07, HE05, KOA07, AAvdG03, Alw06, FDBS05a, FDBS05b, KCKC05, LP01b, LLC02b, LCL03, SXWL04, YY01]. **Arrays** [BP09, EP09, FS07, JSW07, TFH07, AKS+03, HPS02, HT00, Low00, PGPZ00, San03, SCZ01, Tsu00, WG00]. **Arrival** [WRJ07]. **Articles** [Ano07a]. **ary** [BB03a, EB09, IO03, KF04, KYY+03, KNS01, MT06, MYL+01, SAOKM01]. **ASIC** [CH07c]. **ASICs** [CBP00]. **Assessing** [EP09, WTL04]. **assignment** [AS00, CBP00, LSV00, dALB03, OR00, RTD00]. **Assisted** [NASK+08]. **Associative** [CNG+09, Sez04, Zha05]. **Assurance** [PH08]. **assured** [SHK06]. **asymmetric** [KF04]. **Asynchronous** [AM07, FMRR07, MRL06, San03, SM09, YGL07, CBPC01, Fet03, Gho01, HR02, HL02, JR02, PHA06, RL04, Sto00, TB03, TM04, WAB+02]. **Atlas** [CWM01, SW05]. **ATM** [SMSM01]. **atomic** [XRR+02]. **atomicity** [CMCJ04]. **attached** [Par04]. **Attack** [Lev07, PV06, GCD00]. **Attacks** [Gir06, GSH+08, MG08, OVB+06, SMS07, Has01, MDS02, SXZ+06, XL03]. **Attribute** [FAL06]. **Attribute-Based** [FAL06]. **Auction** [PKCD07]. **audit** [YECV02]. **AUED** [AB00]. **augmenting** [LY02b]. **authentication** [Wan04]. **Author** [Ano00b, Ano01b, Ano02a]. **Authors** [Ano04i, Ano04j]. **autocorrelation** [KSA03]. **Automata** [CS09a, HB01a, VOL08, Bao04, DCCS01, OR00, TSP00]. **Automata-based** [HB01a, DCCS01]. **Automated** [CZM05, KDM+09, AAS00]. **Automatic** [ACCL06, BM08a, CH07c, KHB02, LG01, MJ02, NR04, SLT01, VVSA07, LCCA02]. **automaton** [AB05]. **Autonomic** [APV09]. **Availability** [BGB08, QX08, SP07, Kum00, XL03]. **Availability-Aware** [QX08]. **AVD** [MKP06]. **Average** [BSM05, Ker08, KGB05]. **avoid** [PR06]. **Aware** [AZ09, BP09, GCN+09, HSS+08, KLCV08, LSLsK07, LJS+07, MWK+09, NBAR08, QX08, SL06, Xie08, ZW08, ZX07, AMMMA04, BDBR05, Cao02, KM06a, LP06a, Pal05a, PSZS04, ZZ05].

B [BBH06, LS05]. **B-Cubing** [BBH06]. **B-tree** [LS05]. **Backup** [ZVT09]. **Bag** [LZ07]. **Bag-of-Tasks** [LZ07]. **Balanced** [LHC+08, NHSC07, MT06, Res01, YB03]. **Balancing** [HL03, ZV06, HSY00, Kum00]. **Band** [ZSXZ07, LLC00]. **Bandwidth** [OMG07, WWH+07, CHH+03, CYL01, HSH01, LY01, LY02b, RG05, ST04, WO01]. **Bandwidth-Guaranteed** [OMG07]. **banked** [SE05, TA05]. **barrier** [CHG00, MYL+01]. **base** [VC02]. **Based** [ANPS07, ACS+09, Ano04d, Ano05f, Ano06e, Ano06c, Ano06d, AGPP09, BP07, CS08a, CBM07, CS09b, CKS+08, CMAB09, FN09, FAL06, GCN+09, GDM07, Har06, Has00, HAH08, HW07, JP07, JSW+06, KPJ+09, KS08, KB08b, KWP06, LA05, LG06, LV07, LSBV08, LBP08, LP09, LHC+08, LS09a, MAA+08, Moo07, NS09, NKSG09, NH06, NTA08, PV06, PDS07, RS08a, SBPV07, SZGS09, SCK06, SC06, Voy08, VPG+08, WYYZ06, WZL08, WBW08, WWC06, WH06, XCF07, XZP09, XW08, Xie08, YRF08, ZMM07, AS00, ACCL06, AFR02, AB05, AMMMA01, BK00, BB05, BO05, BD05, BCGG00, BGL+03, CBT05, COP+06, CK05, Che04, CH06, CP02, CN05, CD03, CNM+02, CPN+06, CHG00, CS00, CN03, DSV05, DCCS01, DM00a, EGP03, ET01, ET03, EKK04, Fan03a, GKM03, GHP03, GBHL06, GL02, GPS05, HKA01, HB01a]. **based** [HT00, HMR02, KTK06, KSL05, KMPE02, KBK03, KPGX05, KNS01, KPDS02, KM00, KH00, KYL02, KKK03, LRJ00, LLS02a, LLVC04, LMS02, Lev07, LJ01, LCC02, LCL03, LLA04, LHLL06, LJ04, MRY06, MEB01, MB03, MYL+01, MG02, NR04, NYC05, PKCD07, PY05a, PC02a, PC07b, PGK01, Pie02a, PR02a, PR02c, PR04d, RMB05, RHK03, Ros04, RY05, RB05, SCZ01, SAKR03, SM00, SLZ05a, Ste02, SV06, TK03, THWH01, VD05, WB03, WFMSW00, Wu03, XXF03, XP04, XTX06, XRR+02, XN06, YHIO02, YWV05, YECV02, YJ00b, YOC+01, ZWST03, ZIPL00, ZCW+06, PLP08]. **Bases** [FH07c, RMH06, DHH+06, Gol02, RMH03a, RM06]. **basic** [HL00]. **Basis** [CCL+09, FH06, HL09, PCH06, Wu08, GPS05, OKLC00, RMH03b, RMH04, RMH05, SK01, Sun05, TYT01, Wu02a]. **Batch** [CL06]. **batching** [AWY01]. **battery** [BBM+03, MS03]. **Baugh** [VT09]. **Bayesian** [CLF05, KI04]. **BC** [FL05]. **BCD** [Dad07]. **BCH** [CS09b]. **BDD** [iM02, ZWST03]. **BDD-based** [ZWST03]. **be** [TMD05, YJ00b, AK09]. **Beating** [BSN+06]. **before** [YJ00b]. **behavior** [AAvdG03, XV04]. **Behavioral** [LRJ00]. **Benchmark** [MK07, JPEJ06, KS00b]. **benchmarks** [YL06b]. **bends** [BDD00]. **benefit** [HR02]. **Benes** [Kan05]. **bent** [BCV01]. **Berger** [Pie02a]. **best** [LR04, SB01]. **best-effort** [LR04]. **Better** [KP00, ZR07]. **between** [CKS+06, FH06]. **beyond** [RMH03a, TTA+02]. **BGP** [DTHS09]. **BICS** [Lo02]. **BICS-only** [Lo02]. **bidirectional** [LPAM04]. **Binary** [CHA+09b, Dad07, FH07b, FH07c, HKM09, JPSR07, JY00, Ker08, Kor09, MP09, MDJM05, SKG09, BSM05, DV04, EAGS01, GD03, PKM00, PGK01, RK05, SLS04]. **Binary-to-Multidigit** [MDJM05]. **Biometric** [lFB07]. **Biometrics** [HAD06]. **BIP** [BS08]. **Bipartite** [KT08]. **bird** [DSK00]. **bisecting** [Saa04]. **Bisection** [TK07, Jha03]. **BIST** [BO05, CP03, CH06, LLW07, LC04, NTA08, VNBE03, Voy08, VPG+08, XCF07]. **BIST-Based** [NTA08]. **Bit** [Cil09, DH05, HRM09, HL09, IST06, LLL01, LV07, PCH06, RMPJ08, RHMLL08, Wu02a, Wu08, Yan08, CHC05, FD05, LHJL05, RMH04, vdGT03]. **bit-oriented** [vdGT03]. **Bit-Parallel** [Cil09, HRM09, PCH06, RMPJ08, RHMLL08, Wu08, IST06, LLL01, Wu02a, CHC05, FD05, LHJL05]. **Bit-Serial** [HRM09]. **Bit-Width** [LV07]. **bits** [UF03].

Block [PS06b, WBW08, XYR+09, YRVS09, CNM+02, CPN+06, Hey03, Wan03, WBW08]. **Block-Level** [XYR+09]. **blocks** [EVN03, FWC02, HML00, HL00, SAKR03, SWCC00]. **Blue** [MRP+08]. **BlueStars** [PBC03]. **Bluetooth** [LCCA02, PBC03]. **Boolean** [DN06, DM00a, ASM06, ARSM07, BCK09, NASR04, SM03, WFMSW00]. **Boost** [MRM07, FLM+03]. **Boosting** [ML01]. **Booth** [EVN04b, YJ00a]. **Bottlenecks** [TJB03]. **Bound** [BNRB09, CX07, MR01, TK07, TMD05, ASL04, BBB03, CMK03, LG01, MEB01, PR04d, SW00]. **bound-based** [MEB01]. **Bound-set** [TMD05]. **Boundary** [LL09, SCZ01]. **Bounded** [HA05, KB08a, ABG04, PCR01]. **Bounded-latency** [HA05]. **bounded-length** [ABG04]. **Bounding** [GL02]. **Bounds** [CMS08, Tal05, WRJ07, AE00, Bar04, Car02, DV04, HLM00, LSP04, Par03]. **box** [FLW03, LVLL06]. **boxes** [FWCL06]. **BR** [HXW09]. **BR-Tree** [HXW09]. **Branch** [KJM+09, LJS+07, MGZ06, MEB01, PSZS04, SL04]. **breaking** [ASM06]. **bridge** [SAKR03]. **bridging** [Thi00]. **Broadband** [NH06]. **broadcast** [ABP+05, DPIK05, LLC02a, LLS02a, LLSC02, PC02b, RDH+01, TNS03, WD04, YW01, YNOJ02]. **Broadcasting** [Bal04, ICRSR+09, KB08a, ABG04, PS05, WT00]. **broadside** [XN06]. **Buffer** [BGH07, CBP00, JDZ07, KPJ+09, LSLsK07, QD08, TIVYL09, ZJ08, CC02, JBV+05, JZ05, KPEG04, SXZ+06, WH03]. **Buffered** [Mha09, PY09, ZY06]. **Buffering** [SGB08, LPAM04]. **Buffers** [KSL08, FLM+03, GVMC+06, JJ06]. **Build** [Ano08c, Ano08b, Ano08d, Ano09b]. **Building** [HSU03, FN04]. **Built** [PR02a, SMS07, PR02c]. **Built-In** [SMS07, PR02a, PR02c]. **Bullet** [Ano08f, Ano08g, Ano09h]. **Burrows** [BK00, YHIO02]. **Burst** [AM07, UF05]. **Burst-Mode** [AM07]. **Bus** [KLCV08, SAYN09, CHG00, DV04, HHTH00, HPS02, IC02, LKF03, LP01b, MFR00]. **bus-based** [CHG00]. **bush** [DSK00]. **BWT** [BB05]. **BWT-based** [BB05]. **bypass** [Tsu00]. **Bypassing** [KS08]. **byte** [UF03]. **Byzantine** [BCdSFL09]. **Byzantine-Resilient** [BCdSFL09].

Cache [BP07, BFR01, BGH07, CX07, CS08b, JD06, JDZ07, KOHC03, KS08, KGM+05, LSLsK07, MKP06, MWK+09, PA08, RG09, SZZ09, WHZ09, WYMG09, ZXL02, ZDS+07, ZJ08, ZL07, Cao02, CPN+06, DNVG05, GS00b, GSG05, HK00b, IB00, JZ05, KSL05, LY02b, LwJKW03, LJ01, MH01, ML00, NC01, SKS04, SE05, WO01, XSMH04, XV04, Zha05, ZZ05, RLPV05]. **Cache-memory** [BFR01]. **Caches** [Kim09, QD08, TIVYL09, BWTE04, KHRR02, MH01, ZZZ04]. **Caching** [ACMM07, SX09, XW08, ZJ08, BB03b, KV02, KRP05, KHM01, TC02]. **Caching-Based** [XW08]. **Calculating** [AQ08]. **Calculation** [BRC08, KLS09, ESE05, JSD01]. **Calculations** [DLM09, Had05]. **calculi** [LVS01]. **calculus** [LML01]. **Calibration** [MRM07]. **Call** [Ano04e, Ano04c, Ano04d, Ano05b, Ano05c, Ano05d, Ano05e, Ano06e, Ano06c, Ano06d, Ano07c, Ano07e, Ano07f, Ano07g, Ano07i, Ano07j, Ano07d, Ano07h, Ano09d, Ano09c, WFP08, Fan03b, HH02, TL02]. **Call-for-Papers** [Ano09d]. **calls** [DLBS03]. **CAM** [LW00, Ray06]. **Can** [LLJA07, PV03]. **Can-Follow** [LLJA07]. **Canonical** [CKA06]. **Cantor** [WPP05]. **capability** [HSY00, ZY06]. **capacity** [OR00, Ray06, Tal05]. **card** [BGL+03, MDS02]. **Cards** [MG08]. **Career** [Ano08c, Ano08b, Ano08d, Ano09b]. **Carry** [CUT00, TPT06, Sav05, UK01]. **carry-free** [Sav05]. **Carry-Lookahead** [CUT00]. **Carry-save** [TPT06]. **carry-save-adders**

[UK01]. **Cascades** [SNB07]. **Cascading** [ING09]. **Case** [BBGM08, CC07, PCG07, YD09, ESE05]. **Cases** [SLZ05b]. **Causal** [Bal04, ABG04]. **Causality** [CK05]. **Causality-based** [CK05]. **CC** [BW03, IB00]. **CC-NUMA** [BW03, IB00]. **CDMA** [CMD05, KL03b]. **Celebrates** [Ano06f]. **cell** [AAvdG03, AK09]. **Cellular** [CS09a, DCCS01, VOL08, Bao04, Lin01, TSP00, Wan04, YJMS05]. **Centered** [BKM07]. **Centric** [CNG+09, ZC05b]. **CeRA** [EKK04]. **Certification** [Ano09e]. **CFD** [CKS+08]. **CFD-Based** [CKS+08]. **chains** [Li05, NAH02]. **challenges** [FN04, RKFTF03]. **Chandra** [HMR02]. **changes** [LO04]. **Channel** [EB09, KSL08, ABP+05, CRJ06, CMCJ04, SM00, SLZ05a, YJMS05]. **channel-based** [SM00]. **Channels** [HY08, ABP+05, LLC02a, SW00, Tal05, YNOJ02]. **Chaotic** [WLS09]. **Characteristic** [BIN06, BBD+08b, MMPT08, GPS05]. **characteristics** [JPEJ06]. **Characterization** [WHZ09, BCV01, PSZS04, RVJ+01]. **characterizations** [Biq05]. **Charge** [CLV05, KZP05, VAZSR07]. **Charge-recovery** [KZP05]. **Charge-Voltage** [VAZSR07]. **Chebyshev** [Li04]. **check** [YOC+01]. **Checker** [MTHA08, ORM05, Pie02a]. **checkers** [Pie02b]. **Checking** [HU09, HCL07, OZ06, WH06, YJ00b, HU02, HU06, HCC+00, MFR00, Pie02a, SXZ+06]. **checkpoint** [LML01]. **Checkpointed** [EBPG06]. **Checkpointing** [KC07a]. **Checkpoints** [ABLP07]. **Chief** [Ano07n, Lom08a, Pra06b]. **Chinese** [BG08, CO09, YKLM03]. **Chip** [Ano04c, ACPP08, CKC+08, FP09, FPL+08, GE09, KSL08, LMV+08, LHC+08, LML06, Mar08, MRM07, PPB+07, SBC08, VLP+08, WHZ09, ZW08, BBR+06, CC03, CWM01, GRV05, HBH05, IC02, ICM03, LP06a, MPP+05, PGJ+05, SW05, SZ05, TP02a, WO01, ZZZ04]. **chip-level** [HBH05]. **chip-multiprocessor** [CWM01, SW05]. **Chips** [Ano07f, Ano07d, HMM06]. **Cholla** [BHS09]. **chronological** [PR02b]. **chunking** [LLS02a]. **Cipher** [PS06b, Hey03]. **Ciphers** [BKM07, Hey03]. **Circuit** [GSS08, MG08, CBPC01, HSY00, PR04c, XP04]. **Circuits** [KLS09, Lev07, MRL06, NPB07, SM09, SB07, VVSA07, Ano00c, CDLS06, DBB00, DM00b, Fuj00b, GMQS02, GS03, KHP00, LPAM04, MSMS04, MSM04, NC03, NAH02, PR00c, PR00b, PR02a, PR02c, PR04d, PR06, SMBY05, TM00, UK01, XXF03]. **Circular** [ALB00]. **claim** [Jha03]. **Class** [CXP06, Cil09, DH05, PBB07, UBWF08, WB03, ZMM07, BMO04, CJ01, Fuj00b, KF04, KYL02, Pie02b, UF03, Wu02b]. **Class-based** [WB03]. **Classes** [Wu08, LHJL05]. **Classification** [Cha09a, FN09, LS08, LS09b, DN06, ZL04, ZCW+06]. **Client** [WX06, KD02, KKK03]. **Client-Perceived** [WX06]. **client-server** [KD02]. **client/server** [KKK03]. **Clock** [MRM07, BG05, KL03a, KL04, LR06, MDM04, Uht05]. **Clocks** [Ksh07]. **Closed** [CMS08, LY02a, CSS02, CL01]. **cluster** [BBP+01, DZZ00, IO03, KLY+05]. **Clustered** [ACS+09, ESE05, JBV+05, GSG05]. **Clustering** [HWW07, Kar06]. **Clusters** [ZMY08, AN05, XQ06]. **CMOS** [AS03a, HAAvdG06, PGPZ00]. **CMP** [BG05]. **Co.** [GCN+09]. **coarse** [KBK03, RTT05]. **coarse-grain** [RTT05]. **Coconut** [AK09]. **Code** [BD05, HPH+04, MTHA08, BMO04, ORM05, Pie02a, RSM+05, SLT01]. **Codecs** [CPRS07]. **Codes** [ABT07, ABA07, BET07, CS09b, FMRR07, FS07, Jha13, KPP09, SS09b, SZZ09, Yan08, AB00, CC03, CHL01, FDBS05a, FDBS05b, KF04, MT06, Ngu05, Pie02b, Red03, UF03, UF05, YL06a, YB03].

Coding [BCL07, HX08, KKN07, RK06, WHT09, HL05, NYC05]. **Coefficients** [JP07]. **coemulation** [CK06]. **cognizance** [DSK00]. **coherence** [KOHC03, LJ01]. **Cohorts** [KC07b, Jia04]. **collaboration** [MPAS03]. **Collaborative** [CRS09, MRP+08, XQ08, CSR04]. **Collision** [ZW08]. **Collision-Free** [ZW08]. **Collusive** [LH09]. **color** [GL03, TP02b]. **Coloring** [XWC+08, Tsu00]. **Column** [JSW07, LLW07]. **Comb** [NWA07]. **Combination** [LA03a]. **combinational** [Fuj00b, MSM04, Pie02b, PR04d]. **combinations** [Ste02]. **Combinatorial** [PKCD07]. **Combined** [NASK+08, MM04]. **Combining** [EB09, HAD06, Car03]. **command** [MG02]. **Comment** [Bal04, CJ01, FWC02, Zac06, DN06, DM00a, Fal03]. **Comments** [CS08a, CLF05, FH07a, Jha13, JLZ+09, KL08, KC07b, Lee12, Pie02a, WZ07, XWC+08, Zha03]. **Commercial** [JLJ07, CP02]. **commitment** [KPDS02]. **commodity** [MBF+04]. **Common** [GMSC09, RY05, WK03]. **Communication** [ABLP07, CGS07, CWC07, CS04, FSL07, GCN+09, HY08, LG09, NASK+08, RC06, SMN07, UBWF08, VNM07, VLP+08, AF05, AE00, CK06, KPT04, MFC02, NS03, PV03, RTD00, TB03, XTX06, YFKB04, Yan02]. **Communication-Aware** [GCN+09]. **Communications** [NHSC07, HSH01]. **Compact** [LC04]. **Compacting** [YJ06]. **compaction** [BO03, BDG03, Had05, PR00c, PR02b, PR04d]. **Compactors** [WBW08]. **comparative** [NASR04]. **comparators** [PKEG04b]. **Comparison** [ACK+03, BG08, CT09, ES00, HC08a, HC08b, YT07, CLTH04, LTTH04, PKR04]. **compatibility** [CS00]. **competitive** [BC01b]. **compilation** [Car03, SL04]. **compiled** [KHB02]. **Compiler** [BLAA01, HL00, LP01a, LCKR03, ZL04]. **compiling** [DK04]. **Complete** [KLT07, LKTT08, CM01, PDS04]. **Completeness** [CC07]. **completion** [LZ06]. **Complex** [CL06, KN08]. **Complexities** [NS09]. **Complexity** [ABLP07, DKT07, DJM00, FH07b, FH07c, KPEG04, MBR+09, MMPT08, RHMLL08, SFRV09, VLP+08, YD09, AKS+03, CHC05, EL02, Fuj00b, GMQS02, JWF01, KB03, LHJL05, RMH04, RMH05, San06, Sun04, WWSH04]. **Complexity-Effective** [MBR+09, SFRV09, KPEG04]. **compliant** [EP00, NMLE00]. **component** [KCKC05]. **component-oriented** [KCKC05]. **Components** [PL09b, PKG06, ZWST03]. **Composable** [MPAS03]. **Composing** [BHS09]. **composite** [OKLC00, SSK03, Sun05]. **Composition** [CCC07, CCC06, JWF01, LTTH04]. **compressed** [ASF+01, BFR01, TM05, WB03]. **compressing** [YHIO02]. **Compression** [KKN07, KGB07, RK07, TSS08, AT05, BK00, BB05, BO03, BMO04, BGJ+05, CC03, HL05, JHZ01, LJ05, LW00, LCL03, LJ04, MK06, NYC05, PKR04]. **Compressor** [BR09]. **Computation** [Bol09, CY09, CCY00, HCK09, Kah04, ML08, NKY08, PB02, PEB04, RHMLL08, SG07, VNM07, Ali02, BC01a, BC01b, MR01, Mis06, RY05, SSS05, SLL+00]. **computation-dags** [RY05]. **computation-intensive** [SLL+00]. **Computational** [BC01a, DHS08, FH07c, ZVT09]. **Computationally** [Car02, PLP08]. **computations** [AHS06, Li04, MWA+00, Ros04]. **Computer** [Ano04f, Ano04g, Ano06f, Ano06h, Ano06g, Ano07a, Ano07c, Ano07e, Ano07k, Ano07l, Ano07m, Ano09d, Ano09c, Ano09g, Ano09f, KKP00, KK00b, KMMS09, LA05, LH08, SB05, AN05, KS00b, Par04, Sma03, WS01, YLH05, YL06b]. **Computers** [FPFP06, HS04, KKKB05, MS03, Sma03, Pra06b]. **Computing** [Ano05c, Ano05d, Ano05e,

Ano07a, Ano08c, Ano08d, Ano09g, APV09, BDD00, BBD+08b, CLE+07, CAK04, CD09, CLW+03, DLL07, JP07, LL08, MBG08, Mud05, PPB+07, SKG09, XT02, YF09, Zac06, ZP08b, AP00, Cao02, CS04, DZZ00, GSW02, KZP05, MRY06, OBB+02, Pal05a, Ros04, RY05, SKS04, SLG02, TK00, VC02]. **Concepts** [LMV+08]. **concerning** [BFG03]. **concerns** [RK03]. **Concurrency** [LwLH02, LLJA07, KM00, KLS01, KKK03]. **Concurrent** [AM07, BP09, BSH09, BO03, Che05, CCL+09, JLZ+09, JSW+06, LMW07, RN04, Sez04, VPG+08, CS04, LO04, Lo02]. **Condition** [IM06]. **Conditional** [KJM+09, LTCH05]. **conditioned** [BFG01]. **conference** [Tze02a, Tze02b, Yan02]. **conference-key** [Tze02a, Tze02b]. **Confidence** [gLMK07]. **Configurable** [CH07c, HTKL08, LM00, NYC05]. **Configuration** [TEG09, WGZ+08, CRL00, HJ01]. **Configurations** [ZDS+07]. **Configuring** [PBC03]. **Conflict** [SE05, DSK00, KSL05, KGM+05, MGZ06, XXF03]. **Conflict-free** [SE05]. **conformance** [DU04, RTD00]. **conforms** [NMLE00]. **congestion** [GHP03]. **Connected** [WDY08, CKBF03, CLTH04, CWC02, HS04, WLD06, YD02, Zha03]. **connectedness** [CU02]. **connection** [Mey01, XLN05]. **Connections** [XWC+08]. **Connectivity** [AD08, BD05, HLTH04, YW04b, ZC05b]. **connectivity-centric** [ZC05b]. **Connectors** [BS08]. **Connectors-Structuring** [BS08]. **Conscious** [ABF+07, KRCB01, KGM+05, LLVA01]. **Consensus** [WCYR07, GR04, HL02, HMR02, IM06]. **Conserve** [WYZ08]. **Conserving** [WZL08]. **considerations** [CDV+05, DZZ00, TP04]. **Considering** [DLT07]. **consistency** [GS00b, KLA+03, LP01a]. **Consistent** [JDZ07, WCKD04]. **Consolidated** [GCN+09]. **Constant** [PGK01, BT05]. **Constant-time** [PGK01]. **Constants** [BM08c]. **Constrained** [Has00, MLB+09, WLS09, WZ07, BF06, LP00, LS02, PXK+02, WZSP04]. **constraint** [LHLL06, RPH01]. **Constraints** [ARSM07, GCS08, gLMK07, YRF08, HL01, LWRJ06, MKS03, NASR04]. **Constructing** [KLT07, LCD02, LKTT08, SSK03, AB00, Sun04]. **Construction** [KS07, BO05, RMH02]. **Consumption** [ACMM07, BSPG08, GCNS08, LSLsK07, BCF+03, BMO04, HAK05]. **Container** [GBD07]. **Containment** [SS09a, TTA+02]. **Content** [KPP09, LH09, ET03, GCI06, HA05, ZIPL00]. **Context** [LOP07, MP03, Rho03]. **Contextual** [HW07]. **Contiguity** [BP07]. **contiguous** [LP00]. **continuity** [RPH01]. **Continuous** [KF01, OR00, PXK+02, SAJ02]. **contraction** [SXWL04]. **Control** [AGG06, BVM07, CKC+08, FAL06, GG01, HUN07, HASL07, KM07, LJS+07, LLJA07, MLB+09, WFP08, WCLK09, AAS00, CBS02, CMD05, Che05, CCS+04, CP02, CBPC01, Fan03b, GHP03, HH02, Kan05, KM00, KLS01, KKK03, LMM03, LwLH02, Mey01, OM04, PNRP04, TA05, Uht05, ZBC02]. **Control-flow** [GG01]. **control-optimal** [Kan05]. **Controllable** [WCLK09]. **Controlled** [CLV05]. **Controller** [RLJ+09, LRJ00, ZFP+01, ZS00]. **controller/datapaths** [LRJ00]. **Controllers** [OZ06, FS00]. **controlling** [DKV+01]. **Conventional** [WZL08]. **Convergence** [ZSS08]. **Convergence-Guaranteed** [ZSS08]. **Conversion** [HWW07, MDJM05, PGK01, SSK03, Sun05, YW04b, ZY06]. **conversions** [PB04]. **Converter** [RDH+01, AS03a, AS03b, CN03]. **Converting** [RW08]. **convolution** [Ata01]. **convolutional** [Red03]. **Cooperative**

[GS09, SZL08, NS03]. **Coordinated** [JDZ07, SX09, TC02, XRR+02]. **Coordinating** [BHS09]. **COPACOBANA** [GKN+08]. **Coprocessors** [CWZL08]. **CoPTUA** [WCKD04]. **copy** [KMPE02]. **CORBA** [FN04]. **CORDIC** [ALB00, AVZ08, LA05, Sum08]. **CORDIC-Based** [LA05]. **Core** [GBD07, LG09, KTK06, MP03, NYC05, SP02, XN06]. **core-based** [KTK06, XN06]. **Cores** [CH07c, GMSC09, RK07, CH06, HMM06]. **Correct** [Bol09, CM01]. **Correcting** [FMRR07, HX08, Kor09, KPP09, SZZ09, KF04, Red03, UF03, UF05]. **Correction** [Ano00c, Ano01c, Ano05f, BCL07, CCL+09, HU09, JLZ+09, LMW07, Sum08, COP+06]. **Corrections** [CCSK00b, Tze02a]. **Correctly** [BM08b, BM08c, BMR04]. **Correlation** [DLT07, ML00]. **Coset** [XWC+08]. **cosimulation** [CK06]. **cosine** [Biq05, LPS00]. **Cost** [BWR+07, CCY00, Kah04, KLCV08, KJM+09, LKTT08, LLVA01, XLSF07, XS02, BO05, CMCJ04, DZZ00, JPJ+04, LJ01, LG01, ORM05, Ray06, TTA+02, TP04]. **cost-bound** [LG01]. **Cost-conscious** [LLVA01]. **Cost-Effective** [KLCV08, XS02, BO05, DZZ00, JPJ+04, LJ01]. **Costs** [ZVT09, CRL00, JD06, LA03b]. **Coteries** [KC07b, Jia04]. **COTS** [AFR02]. **Counter** [HAH08, KS08, KJM+09, SSA09, GBHL06]. **Counter-Based** [KS08, GBHL06]. **counterexample** [Jha03]. **counterflow** [CD04]. **Countermeasure** [ML08]. **Countermeasures** [GSH+08, Has01]. **counters** [ABG04]. **counting** [ACCL06, Hie04]. **coupled** [THWH01]. **Course** [Ano06h]. **Cover** [KLT07]. **Coverage** [AD08, AFM+06, BF08, CKC+08, KJD02, KLS09, LWF03, CIQC02, CP03, PR04c, ZC05b]. **coverage-** [ZC05b]. **Covers** [PKL09]. **CPRS** [LLW07]. **CPU** [BGB08, GCN+09, RTT05]. **CRC** [CPR03, KB08b, SSS05]. **CRCs** [Ngu09]. **Credentials** [FAL06]. **Crisis** [GR07]. **Critical** [HCL07, KLT07, SC06, FFS02, XQ06]. **CRM** [SM00]. **Cross** [AFM+06, WWH+07, CS00]. **Cross-Domain** [WWH+07]. **cross-generation** [CS00]. **Cross-Product** [AFM+06]. **Crossbar** [Mha09, PY09, HKA01]. **crossbar-based** [HKA01]. **Crosstalk** [HY08, HR06, MFR00]. **CRT** [CN03]. **CRT-based** [CN03]. **Cryptanalysis** [Ano07j, Ano07h, Bao04, GKN+08, PS06b, SGK08, RSQL03, YJ00b, YKLM03]. **Crypto** [HAD06]. **Cryptographic** [GSS08, BGL+03, KP03, PS04, ST03]. **cryptographically** [SM03]. **Cryptography** [Ano04e, Ano07j, Ano07h, BBGM08, BK06, BKM07, KWP06, PV06, SGK08, GPS05]. **Cryptoprocessor** [SBPV07]. **cryptosystem** [Bao04]. **Cryptosystems** [Has00, SKG09, Has01, Mis06, SSST06, WPP05]. **CSDA** [Ano09e]. **CTAM** [Ray06]. **Cube** [PBLM08, HC06, IO03, KYY+03]. **cubes** [BB03a, KNS01, SAOKM01]. **Cubing** [BBH06]. **culling** [CPN+06]. **Current** [MTHA08, BBM+03]. **Curve** [AH08, BBGM08, KWP06, LSBV08, LM08, SBPV07, Has01, Mis06, ST03, SSST06, WPP05]. **Curve-Based** [KWP06, SBPV07]. **Curves** [DJJ+08, HKM09, Lee12, VOT08, ADMRK02]. **Custom** [CD04, LV09, CZM05]. **Customized** [WMZH02]. **cut** [HSY00]. **cut-through** [HSY00]. **Cutting** [VPR04]. **Cycle** [ZBC02]. **Cycle-time** [ZBC02]. **Cycles** [ABLP07, BB03a]. **Cyclic** [Yan08, Sch01, UF05]. **Cyclo** [SGB08]. **Cyclo-Static** [SGB08].

D [AVZ08, Biq05, GT06, KPDS01, KK09, LA05, LLP09, LS09b, MYL+01, NKY08, PLK+03, PL09b, TK00, Wu03]. **D-Integrated** [PL09b]. **dags**

[MRY06, RY05]. **Data** [BR09, CX07, CKA06, CKC+08, DLT07, DMS+09, GE08, Gol06, HXW09, KR01, KGG08, KKN07, LLC02a, LX09, LP07, LKTT08, LLLD06, ML08, MP09, PH08, PC07a, RK06, RK07, TIVYL09, TP02b, WYMG09, XLSF07, XYR+09, Xie08, XHLC08, ZBI+07, ZL07, AT05, AVVY05, AFPS01, ABP+05, BK00, BB05, BO03, BDK+02, CC03, CBP00, DNVG05, DK04, GCI06, GSG05, HL05, HJS04, ICM03, KF04, KRP05, KGM+05, KM00, KL03b, LLS02a, LKS03, LW00, LCC02, LCL03, ML00, OMM02, PCL06, PC02b, SC05, SLL+00, SXWL04, SLG02, TP02a, WK03, XV04, YHIO02, YNOJ02, YOC+01, Zha05, ZXL02]. **data-check** [YOC+01]. **Data-Distribution** [KGG08]. **data-flow** [WK03]. **Data-Independent** [RK07]. **data-intensive** [DK04]. **data-parallel** [SLL+00]. **database** [DSK00, JLN04, KLA+03, LCCA02]. **Databases** [Imr07, AHS06, KD02, KLS01, KKK03, LwLH02, Lin01]. **Dataflow** [SGB08, KGA01, TM04]. **Datapath** [OZ06, PKG06]. **datapaths** [LRJ00, PKEG04b]. **DCT** [YS01]. **DDoS** [MRP+08]. **Deactivation** [KG07]. **Deactivation/Reactivation** [KG07]. **Deadline** [BRC08, MAA+08, BF06]. **Deadline-Based** [MAA+08]. **deadline-constrained** [BF06]. **Deadlines** [BNRB09, XR04]. **Deadlock** [LCC06, LMF+08, Sch01, XZP09, SW00, Wu03]. **Deadlock-Free** [LMF+08, XZP09, Sch01, SW00, Wu03]. **Deallocation** [EBPG06]. **Debug** [HMM06, HBH05]. **Debugging** [YJ06, ACCL06]. **decentralized** [CKBF03]. **Decimal** [CHA+09b, Dad07, EHS09, JK09, KS05, WSTJ09]. **Decision** [JSD01, Ker08, BSM05, GD03, KSA03]. **Decoders** [CL09, HAAvdG06, RS08a]. **Decoding** [CS09b, SFRV09, UF05, YB03]. **Decomposition** [FWCL06, MR06a, LY02a, NR04, WRJL05]. **decompressor** [WB03]. **decoupled** [RCA01, SSC03]. **Decoupling** [VAZSR07, MH01, PG01]. **defect** [MP03]. **defect-tolerant** [MP03]. **Defective** [PB07a]. **Defects** [CMAB09, AAvdG03]. **Defense** [MRP+08]. **Deferrable** [XHLC08]. **Defined** [MBG08, CHC05, LLL01]. **definition** [PRO03]. **degradable** [Low00]. **degradation** [COP+06]. **degree** [Zha02]. **Delay** [HAAvdG06, HASL07, HDQK09, KLS09, SE04, SC07b, WLS09, XQ08, CT03, Fav06, FZM00, HR06, LY01, LPAM04, LS02, MFR00, TM00]. **Delay-Constrained** [WLS09]. **delay-insensitive** [LPAM04]. **Delay-optimized** [SE04]. **delayed** [LM00]. **delays** [AF05]. **Delivery** [KB08a, LP07, LH09, ET01, ET03]. **Delta** [MKP06]. **Demand** [CS08b, LMW07, AWY01, GL02]. **demanding** [WKS+05]. **denial** [XL03]. **Deno** [CKBF03]. **denormalized** [SST05]. **Dense** [RM09, BBP+01, MMRT06]. **Density** [FS07, EKK04]. **Dependability** [AFR02, ING09, MR01, MB01, YBB00]. **Dependable** [Ano09c, PGVB08, PBWB00, RBC+03]. **Dependence** [DLT07, MS02]. **dependencies** [Sch01]. **Dependent** [LLWS08, MKP06, ZXL02]. **Deploying** [KLT07]. **Deployment** [MY07, XS07]. **Depth** [CV08, ALMN05]. **Derivation** [RMPJ08]. **derived** [DM00b]. **Deriving** [XR04]. **Describing** [PS06b]. **description** [PR00a]. **descriptions** [Gho01]. **Design** [Ano04c, Ano04d, AB05, CDV+05, CS09a, CNM+02, CH07c, GSS08, GE08, GE09, GBD07, Har06, HE05, HSS+08, IB00, JSW+06, KG06, KF01, LH08, LMS04, LML06, OZ06, PCG07, Pie02b, RZ04, SKJ07, SD06, SHYV06, SLZ05a, SMSM01, SMBY05, TIVYL09, WCYR07, XYR+09, YFKB04, YJ00a, YJ06, ZV06, ZZZ04,

ZSXZ07, ZW08, ZVT09, ZS00, ABD+04, BFP+06, CRL00, CP03, EVN03, EGP03, EP00, FLW03, FWCL06, FCB04, KGS00, KKP00, LP06a, LW00, LS05, MS03, MPP+05, MSM02, MSM04, NC01, PGJ+05, PSZS04, RB05, SK04, VEN02, WB03, WO01, XXF03, XP04, YOC+01, ZP01]. **designers** [LKF03]. **Designing** [HAH08, LRB01, MRL06, YW04b, GS03, KLY+05]. **Designs** [CKA06, WSTJ09, ZP08a, ZP08b, BO03, CT05, FLW03, GSG05, HCC+00, KPEG04, PDS04, Pie02a, WWSH04, XS02]. **detailed** [NASR04]. **detect** [Fal03]. **Detecting** [BET07, HML00, KR04, Red03, UF03]. **Detection** [AM07, BSH09, BKM07, CRS09, CCL+09, CMAB09, DTHS09, JSW+06, Ksh07, LCC06, RMH06, SBAB00, SM09, AFPS01, BBR+06, BBK+03, Car04, CK05, CLF05, Che05, CNM+02, CSR04, Fet03, GSA06, GRV05, KI04, Lo02, LDH06, MT02, MFR00, MB03, Ngu05, OMM02, PR02a, PR04b, PR06, RN04, SLS04, Ste02, TGKL03, YECV02, YW06]. **detection-based** [CNM+02]. **detectors** [CTA02a, CTA02b, HMR02, LFA04]. **Determine** [CT09, WLD06]. **determinism** [PBWB00]. **Deterministic** [VNBE03, BO05, HPS02, HBH05, PY05b, ZV02]. **Development** [WAU+08, XRR+02]. **device** [HPH+04, MG02, OPZ00]. **Devices** [ABF+07, KPJ+09, KC07a, LBP08, PLP08, KF04]. **DFGs** [HB01a]. **DFT** [XN06]. **DIA** [SFRV09]. **Diagnosability** [CLTH04, CT09, FL05, LTTH04, LTCH05]. **Diagnosable** [HC08a, HC08b, YT07, AS03c]. **Diagnosis** [Ano04e, BK06, CC07, CCC06, CCC07, CT09, HC08a, HC08b, Li05, LLW07, BO05, CCMS02, CLTH04, CM01, FML03, KC01, KP00, LTTH04, LC04, MFR00, SC04, Thi00]. **diagnostic** [NR04]. **Diagonal** [TK07, Jha03]. **diagonals** [CHL01]. **diagram** [CHH+00, JSD01]. **Diagrams** [CKA06, HAH08, Ker08, WAU+08, BSM05, GD03, KSA03]. **Diameter** [Mel07, XWC+08]. **Diarization** [PAW07]. **dictionaries** [LC04]. **Differential** [MG08, PRB09, SSCG06]. **Differentiating** [MT09, CM02]. **differentiation** [WZX05]. **Digit** [ALMN05, JY00, Kor05, KWP06, LN07, MBCP07, PBLM08, COP+06, CV00, PB04, SLS04]. **digit-based** [COP+06]. **Digit-by-Digit** [MBCP07, PBLM08]. **Digit-Recurrence** [LN07, ALMN05]. **Digital** [Ano07a, Ano07k, Ano07l, Gol06]. **digits** [KM06b, SAJ02]. **Dilated** [RW08]. **Dimensional** [AD08, FP09, Che04, CHL01, LPS00, TSP00]. **dimensioning** [CT03]. **Diminished** [VEN02, EVDN05]. **diminished-** [EVDN05]. **Diminished-one** [VEN02]. **Direct** [PH08, DNVG05, GNF+06]. **Direct-Voting** [PH08]. **Directed** [Par00, dOBNL09, CC03, SSC03]. **Directional** [CLLL09, ICRSR+09]. **directory** [LJ01]. **directory-based** [LJ01]. **Discharge** [BBM+03]. **discipline** [LMS02, LMS04]. **Discovery** [LSS09]. **Discrete** [FFLTM09, TN00, Biq05, KLA+03, LPS00, ST04]. **Discriminant** [Bol09]. **discriminate** [BCGG00]. **Disjoint** [PKL09, BB03a, LCD02]. **Disk** [BP09, FS07, HH04, SZGS09, TB06, TFH07, THC+08, WZL08, WYZ08, AKS+03, DRC05, FDBS05a, FDBS05b, San03, YY01]. **Disk-Based** [WZL08]. **Disk-Scheduling** [THC+08]. **Disks** [EP09, MKA03]. **Disproving** [WK03]. **disseminating** [BDK+02]. **Dissemination** [PC07a, Fuj00a, SC05]. **Distance** [Ano06h, CXP06, GCS08, LSS09, CHH+00]. **Distance-Sensitive** [LSS09]. **Distant** [PAW07]. **Distributed** [AM08, CLE+07, CGS07, CLF05, DHS08, GSG05, GVB+09, HH02, KI04, RLJ+09, SKK+09, VNM07, WCLK09, YF09, ZV06, ZCWZ08, ABD+04, CIQC02, CHG00, GL05,

Gho01, HSY00, HR02, HL02, HL01, JR02, KHM03, KGS00, LC02, LCC02, LDH06, MG02, DS00, RG05, RL04, RBC+03, RPH01, Sto00, UB03, WD04, WRJL05, XL03, YJMS05, YS01, ZCW+06, ZC05b]. **Distributing** [KHRR02]. **Distribution** [DHS08, JVG07, KGG08, HA05, MDM04, PvST02]. **distributions** [HT00]. **diverse** [OMM02]. **Diversity** [EB09, Fav06, MSM02, MSM04]. **divider** [JPJ+04]. **dividers** [ALMN05, GS00a]. **Divisible** [JVG07]. **Division** [CBC07, DH05, EIM+00, Kor05, LA03a, LN07, LMV+08, PB02, BMR04, KT05, ML01, Par03, WG00, WWSH04, YS03]. **divisor** [BMR04, Par03]. **DMP** [YY01]. **documents** [PvST02]. **Domain** [WWH+07, CZM05, SA02]. **domain-specific** [CZM05]. **Dominating** [WDY08, WLD06]. **Dot** [CS09a, VOL08]. **Double** [BR09, FS07, KGB07, LL09, ML08, PB02, VLG06, CHH+00, LWG01]. **Double-Data-Rate** [ML08]. **double-loop** [CHH+00, LWG01]. **Double-Precision** [BR09]. **Double-residue** [VLG06]. **Downlink** [ZYZ09]. **DPPC** [ZCW+06]. **DPPC-RE** [ZCW+06]. **DPR** [RL04]. **Draco** [MLB+09]. **DRAM** [DKV+01, GVMC+06, VAZSR07]. **DRAM/SRAM** [GVMC+06]. **DRAMs** [AAvdG03, CJDM01, HWI+02]. **drawings** [BDD00]. **DRES** [CWZL08]. **Driven** [WAU+08, ASL04, BFP+06, CBP00, Gho01, KDB+05, KHB02]. **DSM** [CHH+03, MKBG00]. **DSPs** [BD05]. **Dual** [JSM09, SC07a, WYYZ06, ZCWZ08, Gol02, HvdG02, HHTH00, LLC00, ST03, SMBY05]. **dual-bus** [HHTH00]. **dual-field** [ST03]. **Dual-Homing** [WYYZ06]. **dual-port** [HvdG02]. **dual-rail** [SMBY05]. **Dual-Speed** [SC07a]. **DualFS** [PCG07]. **due** [AF05]. **duplex** [Fav06, YFKB04]. **duplicated** [OMM02]. **duplication** [PC02a]. **Durations** [MNR08]. **during** [MDM04, NAH02, PKR04]. **Dwell** [LKSS06, KCKC05]. **Dynamic** [AM08, ABF+07, AN05, BRC08, Bar05, CWC07, CY09, CL07, CWZL08, CH07a, CBB+02, EAGS01, HHTH00, HASL07, LZ07, MWA+00, NHSC07, PKG06, WZSP04, WZ07, YY01, ZV06, ZX07, ZL07, AAvdG03, BDK+02, CHG00, CC02, CS00, GBHL06, GL02, JLN04, LLS02a, LO04, LS04a, LS04c, LS04b, LS05, LKS05, MO06, PL01, PCL06, PP06, RKM05, SK04]. **Dynamically** [PvST02, BABD03, CWM01, MM04, QD04].

e-textile [KM06a]. **earliest** [YJ03]. **earliest-first** [YJ03]. **Early** [EBPG06, Lev07, LP06a, MVG+04]. **EaseCAM** [RMB05]. **Easily** [DM00b, NC03]. **Eavesdropping** [KM07]. **EC/AUED** [AB00]. **ED** [OMM02]. **EDAS** [Gho01]. **EDF** [BFG03, ZB09]. **Edge** [BB03a, yFBC03, HCH01, WTL04]. **edges** [HC06]. **Editor** [CDE+00, Gau01, JR02, KP03, LS00, Raj00, Ano01c, Ano02b, Ano07n, Gau02, Har06, Lom07, Lom08a, Pra03a, Pra03b, PL04, Pra04, PL05, Pra05, Pra06a, Pra06b]. **Editor-in-Chief** [Ano07n, Lom08a, Pra06b]. **editorial** [LT03, SLG02, UB03]. **Editors** [AJL02, APV09, BK06, CCdS04, GDM07, HB01b, HC01, mWHP05, KK00b, KMMS09, LML06, PL06, SB05, ST08, SGK08]. **effect** [HJS04, LKS03]. **Effective** [KLCV08, MBR+09, SFRV09, BO05, CPN+06, DZZ00, JPJ+04, KPEG04, LJ01, PLK+03, Saa04, XS02]. **Effectively** [HAD06]. **Effectiveness** [XCF07]. **Effects** [BBGM08, JS09, Lev07, TFCW07, BG05]. **Efficiency** [LF09, TTC09, CCS+04, JWF01, KGMS00, PKG06]. **Efficient** [ASM06, AC09, Ano05f, BBH06, BCdSFL09, CBT05, CLLL09, Cha09a, CS09b, CH07b, Cil09, CH07c, DZB08, EVDN05, Fio08, GE08, GD03, HvdG02, HWI+02, HX08, JLJ07, KGG08, KS07, LL09, LP07, LLC02b,

LCL03, LLWS08, LS08, LS09b, LLLD06, LMF+08, MLB+09, MAA+08, MT06, MSM04, Mud05, MDJM05, NKY08, NZ07, OKLC00, PH08, PCH06, PC07a, PLP08, PPB+07, RM09, RMH03a, RM06, RSQL03, SM03, SC07a, SP07, SHR08, SZZ09, SAYN09, THC+08, Tze04, VT09, WH02, WBW08, WCYR07, XV04, YT07, Yan08, YGB08, YNOJ02, YJ06, YB03, ZMY08, ZW08, dOBNL09, AGG06, BLAA01, Car02, CT05, CC02, Dat05, FDBS05a, FDBS05b, GRV05, HPH+04, Hia00, JS06, KPT04, KLY+05, Kum00, LLC02a, LP06b, LLC03, Low00, MO06, MK06, MKBG00, PKM00, PKEG04b, RMB05, SC05, SLS04, Ste02, SP02, SK01, SSK03, Sun05]. **efficient** [TA05, YL06a, YD02, YOC+01, Zha03, ZS00]. **Efficiently** [MKP06]. **effort** [LR04]. **EFSM** [DU04]. **EFSMs** [MNR08]. **EKMR** [LCL03]. **Elastic** [BLCA02, CHL09]. **election** [Sto00]. **electronic** [SMMMK03]. **Elementary** [ELMT00, NS09, NKY08, Li04]. **Elements** [MMPT08, PKL09, BC01a, GMQS02]. **Eliminating** [KSL05, Lin01]. **Elimination** [KN08, KMPE02]. **Elliptic** [AH08, BBGM08, HKM09, LSBV08, LM08, ADMRK02, Mis06, ST03, SSST06]. **Elliptic-Curve-Based** [LSBV08]. **Embedded** [AM08, Ano07g, Ano07i, BBGM08, GSS08, KN08, KOA07, LBP08, LV09, PC07b, PPB+07, RK07, SHYV06, SKK+09, ST08, WWC06, XQ08, AAvdG03, BCF+03, BMO04, CH06, CT05, CD04, DK04, FFS02, HWI+02, JBV+05, KGS00, KP03, KPGX05, KGM+05, MT02, MP03, ORM05, PP06, Pie02b, PEP06, SXZ+06, SWP04, TP02a, WB03, XRR+02]. **Embedding** [NKSG09, HC06, Voy05]. **Emergent** [Ano06e, Ano06c, Ano06d, GDM07]. **Emerging** [Ano07d]. **Emotional** [HWW07]. **employing** [PP06]. **Emulation** [BM08b]. **En-Route** [SX09, TC02]. **Enable** [XCF07]. **enabled** [RCA01]. **Enabling** [OM07, DU04]. **Encoded** [HY08, YJ00a, KHRR02]. **Encoding** [CWZL08, CS09b, CHA+09b, SAYN09, Yan08, YB03, ZCW+06]. **Encryption** [RK06, YW06, BBK+03, LJ05, YGZ05]. **End** [HASL07, WX06, ASB03, HL01, OM04, RCA01, San06]. **end-host** [OM04]. **end-systems** [ASB03]. **End-to-End** [HASL07, WX06, HL01]. **Energy** [ACMM07, AZ09, BSPG08, CLLL09, CS08b, GCNS08, ICRSR+09, KYS05, LLLD06, Mud05, Pal05a, PC07a, PPB+07, PKEG04b, RM09, SAYN09, TTC09, WZL08, WYZ08, WRJ07, XQ08, Xie08, ZMY08, ZX07, AGG06, BCF+03, CDV+05, CCS+04, CT05, Dat05, HAK05, HPH+04, JBV+05, KM06a, KLY+05, KGMS00, PKEG04a, PKG06, RMB05, SC05, TA05, VKI+03]. **Energy-Aware** [Xie08, ZX07, KM06a]. **Energy-Delay** [XQ08]. **Energy-Efficient** [PC07a, PPB+07, ZMY08, AGG06, Dat05, HPH+04, KLY+05, SC05, TA05]. **engine** [Har04]. **Engineering** [OMG07]. **Engines** [RG09]. **Enhanced** [IO03, LSP04, LKTT08, LS04b, Sue09, KMPE02]. **Enhancement** [Ano04h, KK00a, Uht05]. **enhancements** [DGZA03, TJB03]. **Enhancing** [CK06, SM09, ZYZ09, ZC05a]. **Enlarging** [DVJP07]. **enough** [YJ00b]. **entries** [Ata01]. **entry** [KF04]. **Enumeration** [PR02b]. **Envelope** [LKSS06]. **Environment** [FP09, BJHW00, CN05, LLS02a, LAG+01]. **environments** [CKBF03, CJDM01, LLSC02, TP04, ZXL02]. **EPIC** [HJS04]. **eQoS** [WX06]. **Equally** [Gol02, LLL01]. **equations** [BFG01, FDZ03]. **equi** [RPH01]. **equi-continuity** [RPH01]. **equipped** [HSY00]. **equivalence** [HCC+00]. **eRAID** [WZL08]. **Erasures** [CPRS07]. **Error** [AM07, BCL07, BSH09, BBK+03, BET07, CCL+09, FMRR07, JSW+06, Kim09, KPP09, LMW07, Ngu05, PB07a,

SZZ09, YJ06, AFPS01, COP+06, KF04, LVLL06, Lo02, MB03, OMM02, RN04, RB05, Ste02, TTA+02, UF03, UF05, YW06]. **Error-Correcting** [FMRR07, KPP09, SZZ09]. **Error-Detecting** [BET07]. **Error-detection** [Ngu05]. **Error-Protecting** [Kim09]. **Errors** [CPRS07, WHZ09, Che05, DH06, HJS04, MBF+04]. **establishment** [CRJ06, HHTH00, XLN05]. **Estimating** [PB07a, Ata01]. **Estimation** [KGG08, MP09, KJD02, MSM04, VKI+03, YWV05]. **Ethernet** [GCNS08]. **Euclidean** [TK00]. **European** [CCSK00b, CCSK00a, CSK+08]. **evaluate** [MB01]. **Evaluating** [TSD01, VKI+03, FDZ03]. **Evaluation** [CCMS02, FFP07, FP09, GSH+08, KS00a, LV07, LV09, WCYR07, ZV06, ASF+01, CHH+03, CM02, CNM+02, EGP03, EKK04, HA05, IB00, KGA01, KF01, KS00b, KL03b, LGML05, PGJ+05, PRO03, RK03, SMSM01, XS02]. **even** [Wu03]. **Event** [MP09, CLF05, Gho01, GL03, KI04, KHB02]. **Evolutionary** [NPB07]. **Exact** [Ayd07, DZB08, KLS09, LLWS08, SDB03, EKK04, KDB+05]. **Examining** [MDS02]. **examples** [LGK01]. **exclusion** [LWRJ06]. **executing** [LJ05]. **Execution** [Ano05f, CBS02, CBT05, ESE05, Gho01, KGA01, MKAP05, PS03, TSC+00]. **execution-time** [ESE05]. **Exercise** [MRP+08]. **Existence** [Imr07]. **Existing** [HL09]. **EXOR** [Ano00c, KHP00]. **EXOR-Sum-of-Products** [KHP00, Ano00c]. **Expansion** [CKA06, PR02a]. **Expected** [RK06]. **experience** [RKFTF03]. **Experiences** [FN04]. **experimental** [CWC02, RSQL03]. **experiments** [Ste02]. **explicit** [WPP05]. **Exploiting** [AK00, BSPG08, LX09, SP07, SL04, WYZ08, YSL00, MGT04]. **Exploration** [GE08, GE09, JS09, SGB08, BFP+06, FFS02, LP06a]. **Exploring** [PPB+07, PEP06]. **explosion** [KKKB05]. **Exponential** [PEB04]. **Exponentiation** [DKT07, Gra09, BP01, Har04]. **Exponentiations** [CL06]. **Exponents** [CL06]. **Expression** [Lee09]. **Expressions** [JSM09, SB01]. **Extended** [FH07b, FH07c, JSM09, WLD06, Mis06, WDL+03, PCC02]. **Extending** [HL00, MNR08]. **extensible** [BJHW00]. **Extensions** [BBGM08, XWC+08, BD05, TJB03]. **Extra** [Kah04, FB00]. **Extra-Precise** [Kah04]. **Extraction** [MBCP07, OS07]. **Extreme** [Imr07]. **extremes** [KJD02].

Factor [Sum08, AWY01]. **Failure** [DLT07, Red03, TFH07, CAK04, CTA02a, CTA02b, Fet03, HMR02, LFA04]. **Failure-detecting** [Red03]. **Failure-Tolerant** [TFH07]. **Failures** [FS07, HX08, ING09, AN05, FDBS05a, FDBS05b, KJD02]. **Fair** [HUN07, MS09, NB02, RG05, ST04, YD09, LMS02]. **Fairness** [YD09]. **Fallacies** [GMSC09]. **Families** [SMBS06]. **Family** [SS00, HMR02]. **Fast** [Cha09a, EVN04a, FD05, HL02, JLJ07, LR04, LM08, Ngu09, PBB07, PB07b, PF08, RMH03b, YGL07, DJM00, EL02, GVMC+06, Ngu05, TYT01, YJ03, YD02, Zha03]. **Fault** [Ano04e, Ayd07, BK06, BKM07, CWC07, COP+06, CL09, CSR04, CKC+08, GS00a, Gir06, HY08, HT00, HLTH04, KL08, KLS09, LL08, Lev07, ML08, MP09, PV06, PS03, RMH06, Tsu00, XZP09, YT07, Zha02, ZVT09, ACK+03, BO05, BBR+06, Car02, CP03, CLF05, Con00, Dat05, FN04, GNF+06, Gro04, HSW03, HS04, HCH01, IO03, KKP00, KS00a, KI04, LRJ00, dALB03, LWG01, LC04, LDH06, MME04, MKBG00, NR04, PR02a, PR04c, PGPZ00, RKFTF03, SAKR03, Ste02, TGKL03, Tze02a, Tze02b, Wan03, WDL+03, Wu03, XRR+02, YW04a, YJMS05, YJ00b, YKLM03, YOC+01]. **Fault-based** [Lev07, YJ00b]. **fault-free** [HCH01]. **Fault-Sensitive** [Ayd07].

Fault-Tolerant [CWC07, CL09, HY08, KL08, XZP09, ZVT09, GS00a, HT00, PS03, Tsu00, Zha02, Car02, CLF05, Dat05, FN04, Gro04, HSW03, HS04, IO03, KKP00, KI04, dALB03, LWG01, LDH06, MKBG00, RKFTF03, Tze02a, Tze02b, Wan03, WDL+03, Wu03, XRR+02, YW04a, YJMS05]. **Faults** [GSS08, HAAvdG06, MRL06, ORM07, TFCW07, UBWF08, AK00, BCGG00, FB00, Fav06, HvdG02, HSW03, HCH01, KHM03, Li05, LMM00, MFR00, MDM04, PR06, TM00, Thi00]. **Faulty** [PKL09, HC06, HML00]. **FCSR** [AB05]. **FDR** [CC03]. **Feasibility** [Ayd07, HA05]. **Feasible** [WCLK09, DU04, LS02, ST04]. **Feature** [ZMM07]. **Features** [lFB07]. **FEC** [SSCG06]. **feedback** [Hey03]. **Feistel** [JSW+06]. **FFT** [WKJ07]. **fiber** [SLZ05a]. **Fibonacci** [SMSM01]. **Field** [BSH09, CCdS04, FH07c, FHLM04, Has00, NWA07, NWA08, RMH06, IST06, KB03, RM06, ST03, SSK03, TP04, Wu02a, WHBG02]. **Fields** [BIN06, FH07b, HCK09, HKM09, JP07, LM08, MMPT08, PDS07, SKG09, Wu08, BS04, GMQS02, LLL01, OKLC00, Sun05, Wu02b, ZV02]. **FIFO** [PY05a]. **FIFO-based** [PY05a]. **File** [BSPG08, LSV00, LBP08, LP07, PCG07, WMZH02, CCK00, LLS02b, LP06b, NC01, TA05, WH03]. **Files** [EBPG06, TM05]. **filter** [GCD00, MRT01]. **filtered** [AB05]. **Filtering** [KGMS00, ZL07]. **Finding** [Imr07, LS02, PR00a]. **Fine** [LVS01, Pal05b]. **fine-grain** [Pal05b]. **Fine-grained** [LVS01]. **Fingerprint** [HBF09]. **Finite** [BIN06, BSH09, HCK09, Has00, JP07, MMPT08, NWA07, NWA08, WHBG02, Wu08, GMQS02, Hie04, IST06, KB03, KM06b, PR00a, TL02, Wu02a, Wu02b, ZV02]. **Finite-Field** [BSH09, NWA08]. **finite-state** [PR00a]. **FIR** [MRT01]. **Firm** [LHLL06, DSK00]. **first** [YJ03]. **FITS** [CN05]. **Five** [FH07a, Mon05]. **Fixed** [BNRB09, DZB08, VT09, Bar04, BB04, DN06, dALB03, OPZ00, XT02, Zac06]. **Fixed-Priority** [BNRB09, Bar04, dALB03]. **fixed-size** [OPZ00]. **Fixed-Width** [VT09]. **Flash** [HTKL08, KPJ+09, LBP08, LP06b]. **Flash-Memory** [HTKL08]. **flat** [ABP+05]. **flea** [BSN+06]. **flea-flicker** [BSN+06]. **Flexible** [CMAB09, LM08, BJHW00, BLCA02, FZM00, HT00, PBWB00]. **flicker** [BSN+06]. **flight** [AAS00]. **Floating** [ACV05, BR09, CHA+09b, EHS09, ES00, Gra09, Kah04, KK09, LB04, TLS09, WSTJ09, XPGP06, BMR04, EP00, LM00, NMLE00, SE04, VLG06, YSL00]. **Floating-Point** [ACV05, BR09, CHA+09b, EHS09, ES00, Gra09, Kah04, KK09, TLS09, WSTJ09, XPGP06, LB04, BMR04, LM00, NMLE00, SE04, VLG06, YSL00]. **flooding** [SC05]. **floorplanning** [KK00a]. **Flow** [CKA06, GE08, LJS+07, Che05, GG01, WK03, XS02]. **fly** [Fro00]. **FMA** [BM08b]. **folded** [LCD02]. **Follow** [LLJA07, LCCA02]. **follow-me** [LCCA02]. **Forest** [XLSF07]. **Form** [CH07b, DN06]. **Formal** [ASMD07, SG07]. **Formally** [BDL09, Bol09]. **Format** [CHA+09b, PGK01]. **formation** [PBC03]. **forms** [Fal03]. **formula** [ADMRK02]. **Formulae** [FH07a, Mon05, WPP05]. **Formulas** [CO09]. **formulations** [NASR04]. **Forwarding** [ANPS07, CS08a, RG09, NMLE00]. **foundations** [BO05, WT00]. **Four** [JSW07, MYL+01, JS06]. **Four-ary** [MYL+01]. **Four-Port** [JSW07, JS06]. **Fourier** [ZR07]. **FPC** [BR09]. **FPGA** [BM08a, FLW03, HML00, MKS03, NASR04, PDS04, PC07b, RB05, TM04]. **FPGA-based** [PC07b]. **FPGAs** [EKK04, RSQL03, SV06, SPS08]. **FPU** [SST05]. **fractional** [SSST06]. **Fragmented** [BP07]. **Frame** [LS09a, SCK06]. **Frame-Based** [LS09a, SCK06]. **Framework** [BHS09, CMAB09, KDM+09, MBG08, PS06b, RG09, SZL08, THC+08, CT05,

CSS02, KS00b, MTB+01, PL01, VKI+03]. **Free** [ABF+07, CRJ07, LMF+08, XZP09, ZW08, HCH01, JJ06, PHA06, Sav05, Sch01, SE05, SW00, Wu03, ZC05a]. **Free-Space** [ABF+07]. **frequencies** [CAK04]. **frequency** [CC03, Uht05]. **frequency-directed** [CC03]. **Frequent** [GRV05]. **frequently** [LCK+01]. **Freshness** [XHLC08]. **friendly** [JZ05, WH02]. **front** [RCA01, San06]. **front-end** [RCA01, San06]. **FSM** [PY05b]. **full** [BI04, LJ01, PR04d, PR06, YW04b]. **full-scan** [PR04d]. **Fully** [KLT07, Sue09, Alw06, HV06, PR00b, Zha05]. **Function** [AK09, HWW07, LV07, LV09, OVB+06, POMB05, SNB07, SLZ05b, YRVS09, DM00a, LGML05, Li04, WRJL05]. **Functional** [FFP07, WWC06, Car03, PR00a, XP04]. **Functions** [BWR+07, ELMT00, JPSR07, NS09, NKY08, BCV01, DN06, KSA03, MGZ06, SM03, VD05, WFMSW00]. **Fused** [BDL09, LB04]. **Fusion** [LLLD06, PH08]. **Future** [SBC08]. **Fuzzy** [ACV05].

G [CMD05]. **GAARP** [BDBR05]. **gain** [TP04]. **gains** [HL03]. **Galbraith** [HKM09]. **Galois** [PDS07, SSA09]. **GALS** [BDBR05, HBH05]. **Game** [SZL08, HR06, RG05]. **game-theoretic** [RG05]. **Games** [GR07]. **gate** [HR06]. **gateways** [WTL04]. **Gaussian** [CCL+09, DHH+06, LLVC04, LVLL06, MBS+08, RM06]. **Gbits** [HV06]. **Gbits/s** [HV06]. **General** [FLW03, Fan02, HL09, LP09, HK00a, JLN04, LJ05, RMH03b, TL02, YSL00, ZP01]. **General-Purpose** [HL09, LP09]. **generalization** [AS03c]. **Generalized** [CHL09, Fal03, GCD00, JSW+06, YJ03, LMS04, Pie02a, Sun04]. **Generated** [AK09, Voy05]. **generating** [PR06]. **Generation** [BBD+08a, BM08a, CWC07, FFJ+06, Gol06, HW07, KB08b, NTA08, Par00, WWC06, XPGP06, Alw06, AGG06, CZM05, CS00, DU04, FFS02, Fuj00b, FS00, NR04, PR00a, PR02a, PR02c, PGPZ00, TSP00]. **Generations** [SBC08]. **Generator** [SMS07, AB05, CP03, DCCS01, LLVC04, LVLL06]. **Generators** [SNB07, GCD00, MMRT06, SGB00]. **Generic** [FWC02, SWCC00, WD04]. **Genetic** [HAK05, SC06, SHK06]. **Geometric** [BF08, CMS08, HSS+08, FCB04]. **geometrical** [KPDS01]. **Geometry** [LA05, LLP09, YSL00]. **given** [PR04c, Sun05]. **Global** [LR06, YBB00]. **Goldschmidt** [EIM+00, GS00a]. **gossip** [GKM03]. **gossip-based** [GKM03]. **GPRS** [CD03]. **graceful** [COP+06]. **grain** [Pal05b, RTT05]. **grained** [LVS01]. **granularities** [KBK03]. **Granularity** [JS09, Pal05b]. **Graph** [ACS+09, CBM07, DM00a, JP07, NS09, Fuj00a, SA02, Tsu00]. **Graph-Based** [ACS+09, JP07, NS09, DM00a]. **Graph-Node** [Tsu00]. **Graphics** [LA05, NKY08]. **Graphs** [CC07, CY09, KL08, SGB08, XWC+08, BCV01, FL05, HCH01, HLTH04, Saa04, WK03]. **Gray** [ABA07, Jha13]. **Grid** [CIQC02, DLT07, KLT07, WWH+07, SHK06, DPZ07]. **Grid-Oriented** [WWH+07]. **Grids** [KLT07, LZ07, SZL08, ZVT09, CM01]. **Group** [CWC07, CXP06, KPT04, SH09, LS02, MFC02, WAB+02, Yan02]. **Guarantee** [MRM07, THC+08, ZX07]. **Guaranteed** [KB08a, LMV+08, OMG07, ZSS08, LMS02, MKA03]. **Guarantees** [WX06, FZM00, KBK03, THW03]. **guard** [KM06b]. **guarded** [TTA+02]. **Guest** [JR02, KP03, LT03, LS00, Raj00, SLG02, UB03, AJL02, APV09, BK06, CCdS04, GDM07, Har06, HB01b, HC01, mWHP05, KK00b, KMMS09, LML06, SB05, ST08, SGK08]. **Guided** [SZL08]. **Guidelines** [RY05].

H.323 [DLBS03]. **halving** [FHLM04]. **Hamiltonian** [BB03a, HC06, HLTH04]. **hamiltonicity** [HLTH04]. **hand** [DSK00]. **Handheld** [NKY08]. **Handling** [CBS02, GL03, JJ06]. **Handshake** [CKC+08]. **hard** [BBL01, BWTE04, CBS02, KL03a, KL04, LMM00, dALB03, PBWB00, WKS+05]. **hard-real-time** [WKS+05]. **Hardening** [ORM07]. **Hardness** [SC07b]. **Hardware** [ASF+01, Ano07j, Ano07h, CCY00, CMAB09, DKT07, DKV+01, DJJ+08, GPS05, KJM+09, LCLV08, Lee09, Lee12, MKP06, OVB+06, PC07b, SSA09, SGK08, WSTJ09, ZBI+07, ZW08, ZP08a, BBK+03, BP01, BT05, GRV05, JMH02, KT05, KOL02, KP03, KNS01, LwJKW03, LLVC04, LGML05, LVLL06, LRB01, LM00, MAD03, MRS00, OPZ00, OBB+02, PL01, RB05, SXZ+06, SdBF04, SL04, VKI+03, VLG06, YWV05, YKLM03, YW06]. **hardware-algorithm** [OPZ00]. **hardware-based** [LLVC04]. **Hardware-Efficient** [ZW08]. **hardware-software** [VKI+03]. **hardware/software** [SXZ+06]. **Harley** [WPP05]. **Harnessing** [FFJ+06]. **hash** [VD05]. **hashing** [KYS05, JMH02]. **Hazard** [SM09]. **Healing** [CD09]. **Heterogeneous** [QX08, ZMY08, BBP+01, BD05, BFP+06, CS04, HH02, MPP+05, SFJ03]. **heterogeneous-connectivity-based** [BD05]. **Heuristic** [CBM07, PS06a]. **heuristics** [SHK06]. **Hidden** [FAL06]. **Hiding** [LP01a, TP02b]. **Hierarchical** [DPZ07, GMSC09, HJ01, KC01, RKM05, SB07, WYMG09, CT03, FS00, HKA01]. **hierarchy** [BABD03, DZZ00, FDZ03, LRB01]. **High** [ANPS07, AH08, ALB00, BP01, BR09, CS08a, CD09, CKC+08, CJDM01, DN05, Hia02, HE05, HDQK09, KNE+00, KG06, KS05, KB08b, LL08, LA05, LG06, Lee09, LLP09, MAA+08, Mel07, MMRT06, PB02, POMB05, PL09b, SSA09, SH09, SPS08, WWH+07, Wil01, WO01, WWSH04, XPGP06, XWC+08, YJ00a, ZMM07, ZP08a, BGL+03, CD04, CYL01, HKL01, Kum00, LY02b, LwJKW03, LG01, Lu05, MM04, ML01, MRS00, ORM05, Par03, Ray06, SKS04, San06, TSP00, TGKL03, WMZH02, XS02, ZK01]. **High-Bandwidth** [WWH+07, CYL01, LY02b]. **High-Fault-Coverage** [CKC+08]. **High-Level** [ZMM07, LG01, MM04]. **high-order** [Lu05]. **High-Performance** [AH08, HE05, KB08b, LL08, Lee09, MAA+08, Mel07, PL09b, SSA09, SH09, SPS08, XWC+08, ZP08a, CJDM01, CD04, SKS04, TGKL03, ZK01]. **High-Quality** [LLP09, TSP00]. **High-radix** [BP01, Par03]. **High-Speed** [ANPS07, BR09, CS08a, KNE+00, KG06, KS05, PB02, POMB05, XPGP06, YJ00a, DN05, Hia02, WWSH04, BGL+03, MRS00, San06, XS02]. **High-Throughput** [LA05, Ray06]. **Higher** [ZR07, SMM05]. **Highly** [CWC07, CD09, EP09, MAD03]. **hints** [ZL04]. **Hoc** [Ano04h, WCYR07, WDY08, BB03b, CCS+04, DGZA03, LWF03, TNS03, WD04]. **hold** [Li05]. **hold-time** [Li05]. **holding** [TL02]. **holistic** [KLY+05]. **Homing** [WYYZ06]. **Homogeneous** [PL09a]. **Horizontal** [LF09]. **host** [OM04, YECV02]. **host-based** [YECV02]. **Hosting** [GCN+09]. **hot** [SAOKM01]. **hot-spot** [SAOKM01]. **Huffman** [KKN07]. **Human** [Ano06e, Ano06c, Ano06d, GDM07, Moo07]. **Human-Inspired** [Moo07]. **Human-Machine** [Ano06e, Ano06c, Ano06d, GDM07, Moo07]. **HW** [CK06]. **HW/SW** [CK06]. **Hybrid** [BZ02, LBP08, WKJ07, ZP08b, BBR+06, Che05]. **hyperbolic** [BBB03]. **hypercube** [CWC02]. **hypercubes** [BB03a, KP00, LKF03, LCD02, PKM00, SC04]. **hyperelliptic** [WPP05]. **hypergraphs**

[Saa04].

I-Cache [CS08b]. **I/O** [KV02, LSV00, OM04, SD06, TP02a]. **IC** [BGL+03, SAKR03]. **identical** [Bar04, KC01, SCZ01]. **Identification** [YT07]. **Identifying** [HBF09, Ste02, CHL01]. **IEC** [YRVS09]. **IEEE** [Ano04f, Ano04g, Ano04h, Ano06f, Ano06h, Ano06g, Ano07a, Ano07k, Ano07l, Ano07m, Ano09g, Ano09f, CHA+09b, DGZA03, ES00, EP00, LLP09, LLC03, NMLE00, NH06, Pra06b, Raj00, SE04]. **II** [BC01b, FDBS05b, SK01]. **ILP** [CN05, LY01, RLJ+09]. **ILP-based** [CN05]. **Image** [KOA07, WWH+07, MKS03]. **images** [TP02b]. **immune** [YKLM03]. **Immunet** [PGVB08]. **Impact** [BGH07, HY08, LG09, KBK03, MS03, MKAP05]. **implement** [LJ01]. **Implementation** [ACPP08, CHA+09b, DT05, DJJ+08, Gir06, LCLV08, Lee12, LMV+08, SKJ07, YRVS09, ZSXZ07, AS03a, AS03b, BI04, BBK+03, Che04, CNM+02, EGP03, HW00, LFA04, MKS03, Ngu05, PRO03, SM03, SE04, SLZ05a, YW06, YS01, ZS00]. **implementations** [BO05, RSQL03, SST05, SK02, VLG06]. **implemented** [ACK+03, TGKL03]. **Implementing** [EFX+04, LCCA02, TPB+08, MKBG00]. **Implications** [LJ05, MDM04, MK07, RVJ+01]. **importance** [CAK04]. **imprecise** [AHS06]. **Improve** [FFJ+06, LX09, LF09, SAT09, XCF07, JZ05, PR02b, WH03, Zha05]. **Improved** [ACMM07, CO09, HCK09, NBAR08, NKSG09, LMM03]. **Improvement** [DZ06]. **improves** [ML00]. **Improving** [EIM+00, JK09, LJS+07, MR06a, MH01, PG01, SCG08, SXWL04, TTC09, XLN05, YGZ05, YLH05, WTL04]. **Impulse** [ZFP+01]. **In-line** [JJ06]. **In-Memory** [WYZ08]. **in-order** [BSN+06]. **in-transit** [FLM+03]. **Incompleteness** [FFP07]. **inconsistent** [Gho01]. **Incorporates** [KC07a]. **Incorporating** [KK00a, SMN07]. **increase** [KGMS00, LLVA01]. **increasing** [PR02b]. **Incremental** [LOP07, ACCL06, MAMMA03, SSS05]. **Independency** [BP09]. **Independent** [PY09, RK07]. **independently** [Had05]. **Index** [Ano00b, Ano00d, Ano01b, Ano01d, Ano02a, Ano02c, Ano04b, Ano05a, Ano06b, Ano08a]. **indexed** [MH01]. **indexing** [KSL05, MGZ06, PXK+02]. **Indirect** [KJM+09]. **Induced** [TFCW07]. **indulgent** [GR04]. **ineffectual** [KR04]. **Inexpensive** [EP09]. **InfiniBand** [ASMD07]. **Information** [Ano04f, Ano04g, Ano04i, Ano04j, HWW07, PAW07, Rya04, ET01, Fuj00a, GL05, GR04, Rho03, XP04]. **infrastructure** [XN06]. **inherent** [EL02, JPEJ06]. **Inherently** [ZK01]. **Initial** [LLWS08, PR00b]. **Injection** [MRL06, ACK+03, Ste02]. **Inner** [KK09]. **Input** [GS09, LS09a, VPG+08, PR02a, PR04d]. **Input-Queued** [GS09, LS09a]. **Inputs** [ZDS+07]. **Insensitive** [Kap09, SMBS06, LPAM04]. **inspection** [KKKB05]. **Inspired** [Moo07]. **Instability** [DTHS09]. **Instruction** [AF05, BBGM08, CH07a, DVJP07, LF09, TW08, BD05, CT05, CZM05, GYA+03, LCKR03, SS02, WB03]. **Instruction-Set** [BBGM08]. **instructions** [KR04, OMM02, YSL00]. **Integer** [FFLTM09, GSA06, SBAB00, LM00]. **Integers** [CH07b, MBS+08, RK05, RW08]. **Integrated** [AD08, JSW07, KOA07, PL09b, SKK+09, ZBS+04, BP06, CN05, SLL+00, VKI+03]. **Integration** [LX09, PL09a, SXZ+06]. **intelligent** [KOHC03, LwJKW03, SLT01]. **intensive** [DK04, SLL+00]. **inter** [AF05]. **inter-PE** [AF05]. **Interaction** [Ano06e,

Ano06c, Ano06d, BS08, GDM07, Moo07]. **Interactions** [OZ06]. **InTeRail** [KTK06]. **interconnect** [HR06, PGJ+05]. **Interconnection** [KL08, KSL08, PGVB08, FB00, LLPC04, MOK04]. **Interconnections** [Mel07, XWC+08]. **Interconnects** [BCL07, CKC+08, FML03, KLY+05, YW04b, ZY06]. **Interface** [OM07, KRP05]. **interfaces** [BFR01]. **interleaved** [LC02]. **intermittent** [BCGG00, KHM03]. **Internet** [MG02, CM02, CKDS02, EGP03, ET03, LT03, MRY06, MPAS03, NB02, Ros04, RY05, WZX05, WDL+03]. **Internet-based** [MRY06, Ros04, RY05]. **Internode** [CXP06]. **interplay** [MME04]. **interpolation** [Li04, LGK01, ZV02]. **Interpolations** [LCLV08]. **Interpolator** [POMB05]. **interrupt** [JJ06]. **Interval** [DLM09, SS00, YRF08, LS04b, LKS05, TN00]. **Interval-Based** [YRF08]. **interval-partitioned** [LKS05]. **Introducing** [Pra06b]. **Introduction** [APV09, BK06, CCdS04, DLL07, GDM07, HKL01, Har06, mWHP05, KK00b, KMMS09, LML06, Mar08, Mud05, SB05, ST08, SGK08, AJL02, HB01b, JR02, KP03, LS00, Raj00]. **intrusion** [YECV02]. **invalidation** [ZXL02]. **invariance** [CS00]. **invariant** [MT06]. **Inverse** [DZ06, ELMT00, NZ07, PB02, SK00, LPS00]. **Inverses** [AQ08]. **Inversion** [DH05, FHLM04, GCD00, Sav05, TYT01, WG00, WAB+02, YS03]. **Involution** [JSW+06]. **Involution-Based** [JSW+06]. **Involutional** [JSW+06]. **involvement** [MYL+01]. **IP** [CD03, LA03b, LS04b, LKS05, RMB05, SAKR03, SHR08, SZ05]. **IP-based** [CD03]. **IRIS** [CJ01]. **Irreducible** [Cil09, PCH06, HK00a, IST06, RHK03, ZP01]. **irredundant** [SB01]. **Irregular** [LHC+08, AN05, CWM01]. **iSCSI** [WYMG09]. **Isolating** [PKEG04a]. **Isomorph** [DBB00]. **Isomorph-redundancy** [DBB00]. **Isomorphic** [KYY+03]. **Issue** [Ano04c, Ano04d, Ano05c, Ano05d, Ano05e, Ano06e, Ano07c, KK00b, SB05, Ano06c, Ano06d, CYL01, GYA+03, LY01, UB03]. **Issues** [LCL07, CKDS02, MDM04]. **iteration** [KRCB01]. **iterations** [SC04]. **Iterative** [TLS09, WDY08, PGPZ00, Red03, WWSH04].

Java [ISF06, RVJ+01]. **jitter** [DS00, PP06]. **Job** [SZL08, SHK06]. **Join** [Ano06h, Ano06g, Ano07m]. **joins** [LC02]. **Joint** [CMD05]. **Journal** [Lom08b, Lom09]. **Journaling** [PCG07]. **just** [Rho03]. **just-in-time** [Rho03].

Kahan [Bol09]. **Karatsuba** [FH07a, Mon05]. **Karatsuba-Like** [FH07a, Mon05]. **Kernel** [BGH07]. **Key** [DHS08, NHSC07, SH09, KPT04, Lu05, Tze02a, Tze02b]. **know** [LKF03]. **Knowledge** [SMN07]. **known** [Bao04, BMR04]. **Koblitz** [Lee12, DJJ+08, Has01, VOT08]. **KR** [Kan05].

L2 [Kim09, SZZ09]. **L2/L3** [Kim09]. **L3** [Kim09]. **Lagrange** [BIN06]. **Language** [FSL07, HW07, SMN07, YF09]. **languages** [LG01]. **LANs** [LLC03]. **Large** [CWC07, CCY00, Cil09, FPFP06, Has00, Kim09, LLWS08, Ray06, ZSXZ07, AS00, Ata01, FS00, HCC+00, LTCH05, Lin01, MH01, SM03, ZZZ04]. **Large-capacity** [Ray06]. **Large-Scale** [FPFP06, Lin01]. **Last** [Bol09]. **Latch** [ORM07]. **Late** [MVG+04, QD04]. **Latency** [AVZ08, CHH+03, CRS09, Kap09, KLCV08, KK09, SMBS06, AF05, HA05, KS00a, LB04, MS02, PG01]. **Latency-Aware** [KLCV08]. **Latency-Insensitive** [Kap09]. **Lattice** [DSV05, SLZ05b, CHL01, LY02a]. **Lattice-based** [DSV05]. **Layered**

[ZMY08, KHRR02, LLPC04, MG02]. **layout** [KRCB01, KGM+05]. **layout-conscious** [KRCB01]. **layouts** [PKM00]. **Leader** [Sto00]. **Leading** [JLZ+09, KM06b]. **Leading-One** [JLZ+09]. **Leakage** [CS08b]. **Learning** [Ano06h, FFJ+06, OMG07, BC01b, OR00]. **Least** [HLM00, LCK+01, WK03]. **Lee** [Jha13, ABA07]. **Left** [HE05, JY00, RK05, KGB05]. **Left-to-Right** [HE05, JY00, RK05, KGB05]. **Length** [CCY00, HU09, Ker08, RK06, RK07, AWY01, ABG04, BSM05, CC03, HU02, HU06, PR04c]. **Level** [BCL07, Cha06, LMW07, XYR+09, ZMM07, ASB03, Ali02, Bar05, HBH05, LG01, MGT04, MM04, RMH05, SD06, WFMSW00, ZC05a]. **levels** [PEP06, PR02b]. **Leveraging** [SZZ09]. **Lexicographic** [SHR08, AVVY05]. **LFSR** [WBW08]. **Library** [AK09, DLM09, Ano07a, Ano07k, Ano07l]. **Lifetime** [LAG+01, BBM+03, PS05, PS06a]. **Lifetime-sensitive** [LAG+01]. **lifetimes** [ISF06]. **lifting** [Che04, RN04]. **lifting-based** [Che04]. **lighting** [Har04]. **Lightweight** [BCL07]. **Like** [FH07a, Mon05, FDBS05a, FDBS05b]. **Limit** [CL09, PR04c]. **Limitations** [KL09, DSK00]. **limited** [TP02a, YW04b, ZY06]. **limits** [Pal05a]. **Lin** [HKM09]. **Line** [DNVG05, CJ01, JJ06]. **Linear** [Clu07, PCC02, SPS08, ZP08a, ZP08b, BBP+01, LP01b, RSQL03, Voy05, XTX06]. **linear-time** [Voy05]. **linearly** [GD03]. **lines** [LPAM04, MFR00]. **Ling** [DN05]. **Linguistic** [HWW07]. **Link** [GCNS08, SSCG06, TSS08, VLP+08, AN05, CMD05, LA03b, WDL+03]. **link-state** [WDL+03]. **linking** [Tsu00]. **Links** [VNM07, DLBS03]. **Lip** [lFB07]. **Lip-Motion** [lFB07]. **List** [Ano05g, Ano06a, Ano07b, Ano08e, Ano09a, Ano00a, Ano01a, Ano03, Ano04a]. **lived** [PKEG04a]. **Living** [NASK+08]. **LNS** [CCY00]. **Load** [CNG+09, JVG07, MS09, ZV06, AS00, BZ02, CP02, HSY00, Kum00, KH00]. **load-value** [BZ02]. **loading** [DV04, PR02a]. **loads** [AE00]. **Local** [WDY08, TL02]. **Locality** [CH07a, JDZ07, LX09, LJ04, SZZ09, TSS08, JZ05, LBL01, SXWL04]. **Locality-based** [LJ04]. **Localization** [dOBNL09, COP+06]. **Localized** [Ano04h, ICRSR+09, KB08a, LSS09, PY09, DGZA03]. **Locally** [CWC02]. **Location** [GS00b, MP09, SC05, SS09b, CIQC02, Fan02, LCCA02, ZXL02]. **Location-aided** [SC05]. **location-dependent** [ZXL02]. **lock** [JJ06]. **lock-up** [JJ06]. **locking** [JLN04, WCKD04]. **log** [WH03]. **log-structured** [WH03]. **Logarithm** [FFLTM09, PEB04]. **Logarithmic** [CCSK00a, CCSK00b, CSK+08, MR06a, MDJM05, AS03a]. **logarithms** [AP00]. **Logic** [AC09, CCdS04, LH08, MRL06, PB07a, SBPV07, CV00, DM00b, HML00, PGPZ00, RTT05, San06, TN00]. **Logic-Specified** [AC09]. **logical** [ALMN05]. **Long** [WHT09, WK06]. **Long-Term** [WHT09, WK06]. **Longest** [HCH01]. **Look** [Has00, MDJM05]. **Look-Up** [Has00, MDJM05]. **Lookahead** [CUT00, KHM01]. **Lookaside** [QD08, JJ06]. **Lookup** [FFLTM09, KB08b, JPJ+04, RMB05, SZ05, YL06a]. **Lookup-Based** [KB08b]. **Loop** [KN08, RLJ+09, TP02a, CHH+00, DNVG05, GRV05, JBV+05, LWG01, PDS04, TSC+00, TL02, WK03]. **looping** [HB01a]. **loops** [TSD01]. **Loosely** [TPB+08]. **loss** [CLW+03]. **Lossless** [JHZ01, NYC05]. **Low** [AVZ08, CHC05, CMCJ04, CH07b, FS07, HE05, KB03, KJM+09, LHJL05, LSLsK07, LMW07, MMPT08, Mel07, NTA08, ORM05, RMH04, RMH05, RHMLL08, SKS04, TTA+02, TLS09, VLP+08, XWC+08, YD09,

ZVT09, AS03a, AS03b, CDV+05, CT03, CT05, JBV+05, KL03a, KL04, LW00, RSM+05, Ray06, San06, WWSH04, ZZZ04]. **Low-Complexity** [RHMLL08, VLP+08, LHJL05, WWSH04]. **Low-cost** [CMCJ04, TTA+02, Ray06]. **low-delay** [CT03]. **Low-Density** [FS07]. **Low-Latency** [AVZ08]. **Low-Power** [HE05, TLS09, SKS04, AS03a, AS03b, LW00, RSM+05, San06]. **Low-Transition** [NTA08]. **Low-Weight** [CH07b]. **Lower** [AE00, DV04, PR04d, SW00, ZK01]. **lower-power** [ZK01]. **LPR** [RL04]. **LRFU** [LCK+01]. **LRU** [JZ05]. **LUT** [SNB07]. **LZ** [LW00]. **LZW** [TM05].

MAC [HSH01, ZW08]. **Machine** [Ano06e, Ano06c, Ano06d, FFJ+06, GDM07, Moo07, Hie04, LY02a, PR00a, VW05]. **Machines** [AM07, Fro00, PR00a, PCC02]. **Macromodeling** [SB07]. **Main** [TTC09, ASF+01]. **Maintaining** [CS08b, KLA+03, XHLC08, MO06]. **makespan** [LZ06]. **Making** [JZ05]. **Malicious** [MRL06]. **malleable** [BKM+06]. **Manage** [ASMD07]. **Management** [AM08, ABF+07, AZ09, BVM07, FPFP06, GCN+09, GR07, HUN07, HTKL08, JDZ07, LL08, LG06, LSLsK07, MBG08, MLB+09, MWK+09, NHSC07, NH06, PC07b, SKK+09, SH09, TEG09, ASB03, AHS06, BLCA02, Cao02, CP02, CBB+02, Fan02, Fan03a, GKM03, GBHL06, GL02, HPH+04, LSP04, Lu05, MME04, PCL06, RKM05, SLG02, SMMMK03, ZZ05]. **managing** [LCC02]. **MANETs** [WLD06]. **manipulation** [DM00a, GL03, GD03, iM02]. **Manipulations** [HL09]. **manufacturing** [MDM04]. **Many** [LG09, PKL09, THW03, LCD02]. **Many-Core** [LG09]. **Many-to-Many** [PKL09, THW03]. **map** [LJ01]. **mapped** [DNVG05]. **Mapping** [WAU+08, SLT01]. **March** [BBD+08a, vdGT03]. **Market** [ET03]. **Market-based** [ET03]. **Markov** [Car04, MB01, NYC05]. **Markovian** [ING09]. **Mask** [RS08a]. **Mask-Based** [RS08a]. **Masking** [PKR04]. **Massey** [RMH02]. **master** [LZ06]. **master-slave** [LZ06]. **Mastrovito** [HK00a, PDS07, ZP01]. **Matching** [CCC07, Lee09, CCC06, LTTH04, TM05]. **mathematical** [BO05]. **MATLAB** [RB05]. **MATLAB-based** [RB05]. **matrices** [BT05]. **Matrix** [BP07, WS01, LP01b, SP02]. **Matrix-Stripe-Cache-Based** [BP07]. **matroid** [RTD00]. **matroid-theoretic** [RTD00]. **maximal** [FML03]. **maximizing** [PR04c]. **Maximum** [PS05, AWY01, PS06a]. **may** [TMD05, YJ00b]. **MDS** [FDBS05a, FDBS05b, FS07]. **me** [LCCA02]. **measure** [PR04b]. **Measurements** [CLE+07]. **measures** [CAK04, GL02, LTCH05, MR01]. **Measuring** [JPEJ06, SS02]. **Mechanism** [DTHS09, KGG08, CP02, CHG00, ICM03, KR04, LLC03]. **Mechanisms** [EBPG06, HDQK09, BCGG00, Con00, Ste02]. **Media** [WZ07, WZSP04]. **Medium** [BIN06, CMD05, ZBC02]. **Meetings** [PAW07]. **Member** [Ano09f]. **membership** [GKM03]. **Memoization** [ACV05]. **Memories** [KPP09, LBP08, ZIPL00, vdGT03]. **Memory** [ACMM07, AGPP09, DZZ00, FPL+08, GE08, Has00, HTKL08, KGG08, KPJ+09, KLCV08, KOA07, MK07, TSS08, TTC09, VOL08, VOT08, WYZ08, ASF+01, AAvdG03, BABD03, BLAA01, BFR01, BW03, CYL01, DSV05, FDZ03, GS00b, GVMC+06, HKL01, JM01, KOHC03, KCHS04, KGMS00, LP01a, LP06b, LRB01, MBF+04, MH01, MS02, MKAP05, NR04, Par04, QD04, SM00, SLT01, TP02a, WB03, Wil01, YGZ05, ZFP+01, ZC05a]. **Memory-Based** [KPJ+09]. **memory-level** [ZC05a]. **Memory-Link** [TSS08]. **Mesh**

[BMlX08, CKC+08, LCL07, LHC+08, TK07, HS04, Jha03, Ros04, Wan03, YD02, Zha03, WS01]. **Mesh-Based** [LHC+08]. **mesh-connected** [HS04, YD02, Zha03]. **mesh-structured** [Ros04]. **Meshes** [XZP09, MYL+01, Wu03, YW01, Zha02]. **Mesochronous** [VLP+08]. **Message** [Ano07n, HC01, LKTT08, HHTH00, ZS00]. **Message-Pruning** [LKTT08]. **messaging** [Gro04]. **Metastability** [PHA06, VPR04]. **Method** [EP09, HKM09, KT08, NKSG09, PF08, WBW08, AB00, CPN+06, DU04, JSD01, LVLL06, Lo02, MB03, Pie02b, PR02c, Sun04, XTX06, YHIO02, vdGT03]. **methodologies** [YL06b]. **Methodology** [LV07, FWCL06, GNF+06, HBH05, YLH05]. **Methods** [AM07, Gol06, Ker08, WKJ07, dDT05, KGB05, LCL03, SSST06, YW06]. **Metric** [ABA07, Jha13, MSM02, Pal05b]. **Micro** [LP09, XW08]. **Micro-Scheduler** [LP09]. **Microarchitectural** [YSLH07]. **Microarchitecture** [MBR+09, VLP+08]. **Microarchitectures** [ACS+09]. **microkernel** [AFR02]. **microkernel-based** [AFR02]. **Microphone** [PAW07]. **micropipelines** [CBPC01]. **Microprocessor** [CCSK00b, GE08, KC07a, LJS+07, TFCW07, BMO04, DH06, CCSK00a, CSK+08]. **Microprocessors** [KN08, PL09b, ZBS+04]. **microsensor** [CDV+05]. **Minimal** [PB04, FB00, KHP00, KGB05, LSV00, PR00a, Wan03]. **Minimax** [POMB05]. **minimization** [GD03, NAH02, TP02a, WFMSW00]. **Minimize** [CS08b, HY08]. **Minimizing** [KM07, LZ06, HAK05]. **Minimum** [BRC08, GYA+03, ICRSR+09, KLT07, LKTT08, Ano00c, BDD00, CHH+00, DS00, Par03]. **Minimum-Energy** [ICRSR+09]. **Mirrored** [TB06]. **MISER** [TTC09]. **Miss** [ZDS+07, FDZ03, JD06, KGM+05]. **Misses** [MKP06, KSL05, ML00]. **mission** [MB01]. **Mitchell** [MR06a]. **Mixed** [ABA07, BG08, Dad07, HW07, SPS08, LwLH02]. **Mixed-Language** [HW07]. **Mixed-Precision** [SPS08]. **Mixed-Radix** [ABA07, BG08]. **MM*** [CCC07]. **Mobile** [CWC07, CRS09, MY07, PLP08, WCYR07, XW08, BB03b, Cao02, EGP03, Fan02, Fan03a, KPDS02, LLS02b, LC02, LLS02a, LLSC02, LA03b, MPAS03, NS03, PMR02, PS03, SLG02, TNS03, Wan04, ZXL02]. **mobility** [CS04, Fan03a, Lin01]. **Möbius** [HC06]. **Mode** [AM07, LS09a, MTHA08, SSA09, Hey03]. **Model** [ASMD07, BGB08, CC07, CCC07, CT09, HC08a, HC08b, HCL07, HSS+08, ING09, KL09, NH06, SMN07, SS09a, TW08, WAU+08, WRJ07, XZP09, YT07, CLTH04, GS00b, HL01, JLN04, LTTH04, MOK04, MB01, TP04, VC02, Wan03, Wu03]. **Model-Driven** [WAU+08]. **Modeling** [Ano07f, CT03, CRS09, DPZ07, yFBC03, GE08, LLW07, MBS+08, SMMMK03, TL02, UBWF08, ZMM07, ZX07, Fan02, GSW02, Gro04, GL03, HJ01, HKA01, KL03b, NYC05, PDS04, PGPZ00, SAOKM01, SAKR03, XV04]. **Models** [Ano07g, Ano07i, CGS07, PPB+07, TPB+08, AS03c, CU02, Car04, CLW+03, DU04, FLW03]. **modern** [LRB01]. **modes** [DKV+01]. **modifiable** [GL03]. **Modified** [EVN04b, FS07, ZP01]. **modifying** [vdGT03]. **Modular** [BM08a, CBC07, CH07b, DKT07, DZ06, KT08, SBPV07, SK00, SC07a, BP01, Hia00, Hia02, KT05, TK03, VLG06]. **Modules** [Ano06h]. **moduli** [CN03]. **Modulo** [ACS+09, AQ08, EVN03, FFLTM09, KNE+00, PBB07, PB07b, EVN04a, EVN04b, EVDN05, LAG+01, SAJ02, VEN02]. **MOLEN** [VWG+04]. **Monitoring** [gLMK07, PF08, VPG+08, WHT09, Che05, GL05, PR04a]. **monotone** [Wan03]. **Monotonic** [LLWS08, BG03, BBB03, LMM03]. **Montgomery** [BP01, DZ06, FH06, HRM09, LHJL05, OS03,

PS04, SK00, Sav05, TK03, Wu02b]. **MorphoSys** [SLL+00]. **Motion** [lFB07, KGG08, YWV05]. **Mounted** [CKS+08]. **Movement** [Fan03a, ZBI+07]. **Movement-based** [Fan03a]. **Moving** [LKTT08, PXK+02]. **MPLS** [OMG07]. **MSHR** [BW03]. **Muller** [DN06, Fal03, DM00b, LVLL06]. **Multi** [PKCD07]. **Multi-Rate** [PKCD07]. **Multiaccess** [Par04]. **Multibanked** [TIVYL09]. **Multibit** [KS07, LS08, LS09b, SZZ09]. **Multibit-Trie** [KS07]. **Multicast** [NHSC07, SC07b, WYYZ06, WLS09, GHP03, KNS01, LS02, Lu05, PY05a, PRO03, THW03]. **Multicasting** [LLP09, ST04]. **multiclass** [CSS02, CL01]. **Multicomputation** [YGL07]. **multicomputer** [HSY00, HKA01, MJ02]. **multicomputer/distributed** [HSY00]. **multicomputers** [LP00, YD02, Zha03]. **Multiconstrained** [XM07, SS06]. **Multicore** [SBPV07]. **Multidigit** [MDJM05]. **Multidimensional** [Cha09a, HXW09, MDJM05, LLC02b, LCL03]. **Multievent** [GR07]. **multiexponentiations** [DJM00]. **multigrid** [MB03]. **Multihop** [HDQK09, ICRSR+09, KM07, MS09, ZMY08, CRJ06, PBC03, TNS03]. **Multilevel** [JDZ07, JVG07, SHYV06, XW08, Che04, Saa04, SA02]. **Multimatch** [FN09]. **Multimedia** [ACV05, CCK00, WFP08, HH04, KGM+05, SS02, TJB03, XSMH04]. **Multioperand** [Dad07, KS05]. **Multipartite** [dDT05]. **multipath** [CCK00]. **Multiple** [HXW09, JPSR07, Jha13, Kag03, NAH02, OMG07, PAW07, SKJ07, TLS09, ZYZ09, ABP+05, AN05, DV04, DM00b, FB00, FDBS05b, HAK05, HMM06, HML00, Li05, LMM00, PEP06, PR02a, Sez04, Thi00, UF03, WK03, YNOJ02, YY01]. **Multiple-Distant-Microphone** [PAW07]. **Multiple-Precision** [TLS09]. **Multiple-Radix** [Jha13]. **Multiple-seed** [Kag03]. **multiple-valued** [DM00b]. **multiplexer** [CLW+03]. **Multiplexing** [LMV+08]. **Multiplication** [AH08, BM08c, CO09, CH07b, DKT07, DJJ+08, EHS09, ES00, FH06, FH07c, HKM09, HRM09, Has00, JK09, KT08, KGB07, Lee12, MR06a, NWA07, RMH06, SBAB00, VOT08, BT05, DHH+06, Gol02, KT05, KB03, KGB05, LP01b, Mis06, OS03, RMH03a, RMH03b, RMH04, RM06, TK03, WS01]. **multiplication/division** [KT05]. **Multiplicative** [AQ08, DH05, TYT01]. **Multiplier** [CCL+09, CS09a, Cil09, HE05, KG06, NWA08, PCH06, TLS09, Wu08, YJ00a, CHC05, FD05, HK00a, Hia00, RMH02, SK01, Wu02a, WHBG02, Wu02b]. **Multipliers** [BM08a, ELMT00, FH07b, KWP06, PDS07, RMPJ08, VT09, EVN04b, EVDN05, EL02, GSA06, IST06, LLL01, LHJL05, OKLC00, RMH05, RHK03, SMM05, Sun04, ZP01]. **Multiply** [BDL09, DT05, LB04]. **Multiply-Accumulate** [DT05]. **Multiply-Add** [BDL09]. **multiply-add-fused** [LB04]. **multipoint** [WLD06]. **multipolling** [LLC03]. **Multiprocessor** [GE09, KLCV08, PPB+07, BF06, BFP+06, CWM01, IO03, KCHS04, LTCH05, RK03, SW05]. **Multiprocessors** [AGPP09, SBC08, BG03, BFG03, Bar04, BW03, CHH+03, IB00, MPP+05]. **multipurpose** [RK03]. **Multiresolution** [WHT09]. **Multiserver** [SX09]. **multisize** [KHM01]. **multistage** [FB00]. **multistate** [ZWST03]. **Multistep** [GR07]. **Multithreaded** [LG06]. **Multithreading** [LPS07, RLJ+09, SP07, LVS01, PG01]. **Multitier** [HASL07]. **Multivariate** [CL01, YECV02, ZV02]. **Multiversion** [PC02b]. **multizone** [MKA03]. **mutual** [LWRJ06].

NAND [LBP08, LP06b]. **Nano** [Ano05c, Ano05d, Ano05e, DLL07]. **Nanomagnetic** [KC07a]. **Nanospace** [LH08]. **Nanowire** [CL09, RS08a]. **NB** [LJ01]. **NCQ** [MT09]. **Near** [ACMM07, Li04, CP03]. **Near-Memory** [ACMM07]. **near-perfect** [CP03]. **Nearest** [PC07a]. **Need** [Tou07]. **negotiation** [AAS00]. **Neighbor** [PC07a]. **Neighbourhood** [Fuj00a]. **nests** [DNVG05]. **NET** [FZM00]. **nets** [GL03, LO04, MB01, PCR01]. **Network** [APV09, CLE+07, GBD07, KLT07, KRP05, LCL07, LMF+08, NPB07, WHT09, XZP09, ZW08, CU02, FZM00, FCB04, GSW02, GL03, HJ01, HH02, HLLR00, Kan05, LKF03, LTTH04, MJ02, OM04, PGJ+05, Res01, SAKR03, TNS03, XT02, Yan02, YW04a, YCL01, Zac06, ZS00]. **network-based** [SAKR03]. **Network-on-Chip** [ZW08, PGJ+05]. **Network-Wide** [CLE+07]. **Networked** [BHS09, XQ08]. **Networks** [AD08, Ano04h, Ano07f, ACPP08, BF08, CLLL09, CWC07, CMS08, CCC07, CXP06, CKC+08, DMS+09, FP09, FPL+08, HC08a, HDQK09, ICRSR+09, JVG07, JSW+06, KM07, KL08, KSL08, LCL07, LMV+08, LSS09, LLP09, LHC+08, LKTT08, LX07, LH09, LLLD06, MY07, Mar08, MAA+08, MBS+08, MR06b, MS09, MP09, NH06, PH08, PGVB08, RM09, SBC08, SX09, VLP+08, WFP08, WLS09, WCYR07, WDY08, WGZ+08, ZV06, ZMY08, ZYZ09, ZSS08, dOBNL09, AE00, BB03b, BP06, CIQC02, CCK00, CLTH04, CCC06, CRJ06, CHH+00, CWC02, CLF05, CCS+04, CSR04, CSS02, CL01, Dat05, DV04, DGZA03, DPIK05, FB00, Fan02, Fan03a, Fan03b, FZM00, FLM+03, GCI06, GNF+06, HHTH00, Kar06, KI04, LWF03, LR06, LLC00, Lin01, LWG01, LLPC04, LDH06, MOK04, MO06, PS05, PS06a, PBC03, PR04a, PV03, RDH+01, SC05, ST04, THWH01]. **networks** [WD04, XTX06, YJMS05, ZC05b]. **Networks-** [KSL08]. **Networks-on-Chip** [ACPP08, CKC+08, FP09, FPL+08, LMV+08, Mar08, SBC08, VLP+08]. **Networks-on-Chips** [Ano07f]. **Neural** [NPB07, WLS09, BC01a, BC01b, SAKR03]. **Newton** [GS00a]. **Next** [CWC07, AGG06]. **Next-Generation** [CWC07, AGG06]. **no** [KJD02]. **Node** [CT09, HX08, LX07, AN05, Tsu00]. **nodes** [CDV+05, HC06, ZC05b]. **Noise** [PA08, HR06, LLVC04, LVLL06]. **Noisy** [WLS09]. **Non** [GCI06]. **Non-real-time** [GCI06]. **Nonblocking** [Sue09]. **Noncongestive** [MT09]. **Noncooperative** [GR07]. **nondedicated** [GSW02]. **Nondeterministic** [LPS07, Hie04]. **Nondomination** [KC07b, Jia04]. **Nonideal** [MS03]. **nonintrusive** [GRV05]. **Noniterative** [CMS08]. **nonlinear** [BFG01, GCD00]. **nonmember** [MYL+01]. **nonnumeric** [JMH02, ML00]. **Nonscan** [XXF03, PR04d]. **nonstandard** [BWTE04]. **nonstationary** [CBB+02]. **nonuniform** [HK00b, JD06]. **NOR** [LBP08]. **Norm** [XM07, TK00]. **Normal** [CCL+09, FH07c, MMPT08, DHH+06, GPS05, OKLC00, RMH03a, RMH03b, RMH05, RM06, SK01, TYT01]. **Normalization** [Kor09]. **Note** [Ano02b, Lom07, Lom08a, Pra04, PL05, Pra05, PL06, Pra06a, Ano01c, CDE+00, Gau01, Gau02, JWF01, Pra03a, Pra03b, PL04, SW00]. **Notice** [Ano04h, DGZA03]. **Novel** [GBD07, KB08b, PDS07, Pie02a, RG09, SKJ07, SGB00, ZCWZ08, JZ05, LHLL06, Lu05, WMZH02, WH03, WWSH04]. **NP** [BWTE04, KLT07, LKTT08]. **NP-Complete** [KLT07, LKTT08]. **NP-hard** [BWTE04]. **NTRU** [OS03]. **Null** [Yan08]. **NUMA** [BW03, IB00]. **Number** [DLM09, FFLTM09, MDJM05, Par00, SMS07, BDD00, BGL+03, KSL05, PR04d, SAJ02, SC04, SW00, SLS04, TL02, WK03].

number-based [KSL05]. **Number-Theoretic** [Par00]. **Numbers** [HBF09, SST05, TSP00]. **Numerical** [KDM+09, SNB07, LLVA01]. **numerically** [Car02]. **NVRAM** [KPJ+09].

O [KV02, LSV00, OM04, SD06, TP02a]. **OBDD** [CAK04, JWF01, WFMSW00]. **OBDDs** [HLM00, JWF01]. **obfuscation** [GT06]. **object** [CKBF03, ISF06]. **object-replication** [CKBF03]. **Objective** [WK06]. **Objective-optimal** [WK06]. **Objects** [LKTT08, HK00b, KLA+03, PXK+02, RBC+03]. **Oblivious** [BMlX08, Sch01, Tze04]. **occupancy** [CHH+03]. **Odd** [BM08b, KL08, Wu03]. **odd-even** [Wu03]. **OFDM** [EFX+04]. **Off** [SGB08, Fan03a, RB05, ZZZ04]. **off-chip** [ZZZ04]. **offline** [HWI+02, KV02]. **Offs** [KPJ+09, LCLV08, YSLH07, HV06, MEB01, PGJ+05, SD06]. **omission** [PR02b]. **omissive** [AK00]. **Omura** [RMH02]. **On-Bound** [CX07]. **On-Chip** [KSL08, LHC+08, MRM07, WHZ09, GRV05, SZ05, TP02a, WO01]. **On-Demand** [CS08b, LMW07]. **On-Disk** [WYZ08]. **On-line** [CJ01]. **On-the-fly** [Fro00]. **onboard** [TTA+02]. **One** [JLZ+09, SLZ05b, CHC05, Che04, LCD02, LLL01, VEN02, YCL01]. **one-dimensional** [Che04]. **one-sided** [YCL01]. **one-to-many** [LCD02]. **One-Variable** [SLZ05b]. **Online** [CMAB09, DTHS09, MR06b, RC06, HWI+02, LJ04, PS06a, SWP04]. **only** [Lo02]. **OpenGL** [Har04]. **Opens** [HAAvdG06]. **Operand** [MR06a, SP07]. **operands** [PKEG04a]. **Operating** [LP09, LJS+07, PL09a, SWP04, ASF+01, BCF+03, OM04]. **Operation** [BKM07, KPDS01, LLS02b]. **Operation-Centered** [BKM07]. **Operation-saving** [KPDS01]. **Operations** [BIN06, BSH09, CLV05, KN08, LA05, WSTJ09, ZP08a, CV00, JMH02, KOL02, LLC02b, LCL03]. **Operators** [BBD+08b]. **opportunities** [HL03]. **OPT** [KV02]. **Optical** [MR06b, CHG00, HPS02, RDH+01, SMSM01, THWH01, YW04b]. **Optimal** [ABF+07, AVVY05, ABP+05, AMMMA01, BS04, Bar04, BFG01, BWTE04, BMlX08, CXP06, CV08, CRJ07, FH07c, JY00, KKN07, LCC06, RS08b, ZY06, AE00, BO05, yFBC03, HK00b, KV02, Kan05, dALB03, LML01, LWG01, OPZ00, PC02a, PCL06, PvST02, RMH03a, RK05, SK01, UK01, WK06]. **optimality** [Li04]. **Optimally** [Res01]. **Optimization** [ARSM07, AC09, Ano07f, Fio08, GMSC09, JSM09, KDM+09, LV07, NH06, SZGS09, SC07a, WKJ07, WHZ09, XW08, BBM+03, DLBS03, EAGS01, HR06, ICM03, KM06a, KF01, MTB+01, PL01, WPP05, ZZZ04]. **Optimization-Based** [NH06]. **Optimizations** [RCA01, Bar05, BT05, KR01, VKI+03]. **Optimized** [AK09, DPIK05, JG06, LV09, SE04]. **Optimizing** [HU06, LGML05]. **Optimum** [KWP06, YJ06, TMD05]. **optoelectronic** [WS01]. **Orchestrating** [LF09]. **Orchestration** [CLE+07]. **Order** [MBR+09, PRB09, Yan08, BSN+06, GYA+03, Lu05, MKAP05, NYC05, PR02b, SSS05, YL06a]. **Ordered** [YGB08, JMH02]. **Ordering** [SHR08, LLSC02, MWA+00]. **orderings** [TMD05]. **Orders** [SS09b]. **Organization** [TB06, JBV+05, KGM+05]. **Organized** [Voy08]. **organizing** [BP06]. **Oriented** [CLLL09, WWH+07, KLS01, KCKC05, OBB+02, SA02, SV06, vdGT03]. **original** [ZP01]. **orthogonal** [BDD00]. **OS-Aware** [LJS+07]. **oscillator** [BGL+03]. **oscillator-based** [BGL+03]. **OTIS** [WS01]. **OTIS-Mesh** [WS01]. **Out-of-Band** [ZSXZ07]. **out-of-core** [SP02]. **Out-of-Order** [MBR+09, GYA+03, MKAP05]. **Outer** [MS09]. **Output** [JPSR07, BDG03, NR04,

PY05a, PKR04, YJ00b]. **Outs** [MNR08]. **Overall** [LF09]. **overcoming** [DH06]. **Overflow** [SBAB00, GSA06, Lin01, SXZ+06]. **Overhead** [KN08, Kim09, CK06, ZZZ04]. **Overheads** [HTKL08]. **Overloaded** [BVM07, MAMMA03]. **overruns** [CBS02].

P [Gho01]. **P2P** [LH09]. **PABC** [LSLsK07]. **PACE** [LS04a]. **Package** [Ano09f]. **Packet** [ANPS07, CS08a, Cha09a, FN09, LS09a, LS08, LS09b, Mha09, PY09, RG09, YGB08, YD09, ZYZ09, CLW+03, GVMC+06, KKKB05, KL03b, MRS00, NMLE00, PY05a, ZCW+06]. **packet-forwarding** [NMLE00]. **Packet-Mode** [LS09a]. **Packing** [LF09]. **Padubidri** [Jha03]. **page** [KHM01, Sez04]. **pair** [RK05]. **Pairing** [BBD+08b, PV06, SKG09, GPS05]. **Pairing-Based** [PV06, GPS05]. **pairs** [MO06]. **pancyclicity** [HC06]. **Papers** [Ano04e, Ano04c, Ano04d, Ano05b, Ano05c, Ano05d, Ano05e, Ano06e, Ano07c, Ano07e, Ano07f, Ano07g, Ano07i, Ano07j, Ano07d, Ano07h, Ano09d, Ano09c, Ano06c, Ano06d]. **Paradigm** [BCK09, KGA01, NMLE00, Sma03]. **Parallel** [ANPS07, CPR03, CS08a, CRL00, Cil09, Dad07, FH07b, FPFP06, HRM09, JK09, KNE+00, LL08, LP01b, MTHA08, Mel07, PS04, PCH06, PB07b, RMPJ08, RHK03, RHMLL08, UF05, Wu08, XWC+08, YJ00a, CHC05, CH06, DN05, EVN04a, EL02, FD05, Gho01, HS04, IST06, KV02, LSV00, LLL01, LHJL05, LP00, LPS00, OPZ00, RMH02, RMH04, SLL+00, TB03, Wu02a, ZCW+06]. **Parallel-Prefix** [KNE+00, PB07b, DN05, EVN04a]. **Parallelism** [BP09, LF09, MGT04, YSL00, ZC05a]. **Parallelization** [LOP07, SA02, KHB02]. **Parallelizing** [MKP06, CWM01]. **Parameterized** [HSS+08, DNVG05]. **parameters** [Tze04]. **Parametric** [KGS00]. **Parity** [CPRS07, LLW07, VW05, YY01]. **Part** [FDBS05a, FDBS05b]. **Partia** [WYYZ06]. **Partial** [TEG09, XP04, LLSC02, Par03, PY05b]. **Partially** [Mha09, Bao04, LFA04]. **partition** [LY02a]. **Partitioned** [KLS09, MR06b, WH06, BF06, JWF01, LKS05]. **partitioned-OBDDs** [JWF01]. **partitioner** [SA02]. **Partitioning** [CBM07, RSM+05, AS00, Car03, CC03, MGT04, Pie02a, PR02c]. **partitionings** [BO05]. **pass** [BSN+06]. **Passive** [MR06b]. **Password** [OS07]. **Path** [BMlX08, CY09, Ker08, KLS09, PKL09, BSM05, HC06, MKAP05, TM00]. **Paths** [OMG07, AFPS01, HCH01, LCD02, MO06]. **Pattern** [ABLP07, NTA08, RK07, TM05, CP03, DCCS01, PR02c, PGPZ00, SGB00, XN06]. **Patterns** [MK07]. **PBC** [Mha09]. **PC** [KV02]. **PC-OPT** [KV02]. **PCS** [HH02, LLC00]. **PDM** [RS08b]. **PE** [AF05]. **peak** [CP02]. **Peer** [GKM03, ZSS08, CKBF03, GL05, XLN05]. **Peer-to-Peer** [ZSS08, GKM03, CKBF03, GL05, XLN05]. **Pentanomials** [Cil09, PCH06, RHK03]. **Perceived** [WX06]. **Percolation** [AD08]. **Perfect** [Fet03, CP03, WK03]. **perfect-rate** [WK03]. **Performability** [Mey01, RK03]. **Performance** [Ano04h, AH08, BGH07, CM02, CD09, CV08, CD03, CS08b, DLT07, DLBS03, DGZA03, FP09, GSW02, HKA01, HTKL08, HE05, HDQK09, KPJ+09, KBK03, KSL08, KB08b, LL08, LG06, Lee09, LLC00, MAA+08, Mel07, MRM07, PGJ+05, PDS04, PL09b, SSA09, SH09, SPS08, TFH07, WCYR07, XWC+08, ZV06, ZYZ09, ZP08a, ASF+01, BCF+03, CKS+06, CHH+03, CD04, CNM+02, CK06, CJDM01, Fan02, FLM+03, FDZ03, GL02, HKL01, HJ01, HL03, JZ05, KGA01, KS00b, KM03, KL03b, LwJKW03, LMS04, LGK01, LLVA01, MR01,

MPP+05, MH01, MOK04, MMRT06, MKAP05, PRO03, SKS04, SS02, TGKL03, Uht05, WMZH02, WH03, Wil01, XS02, XSMH04, YGZ05, YWV05, ZK01, ZBS+04]. **Period** [AS00, LLWS08]. **Period-based** [AS00]. **Period-Dependent** [LLWS08]. **Periodic** [AZ09, BRC08, KL09, SL06, Tou07, AMMMA01, AMMMA04, Bar04, BDG03, BB04, HSW03, KDB+05]. **periods** [XR04]. **Permutation** [JSW+06, MR06b, Dat05, Kan05, MT06, YW04a]. **Perspective** [TSS08]. **perspectives** [KS00a]. **Petri** [GL03, LO04, MB01, PCR01]. **Phase** [HY08]. **phased** [KCKC05, MB01, RTT05]. **Phonetic** [HW07, ZMM07]. **Phonetic-Class** [ZMM07]. **Photonic** [GBD07, SBC08]. **physical** [ACK+03, MVG+04, Rho03]. **physically** [MH01]. **PIM** [KGG08]. **pinwheel** [HL01]. **Pipeline** [CV08, SC06, TFCW07, WGZ+08, CYL01, KMPE02, NMLE00, PLK+03]. **Pipeline-Based** [SC06]. **Pipelined** [AVZ08, BSH09, CCY00, KS07, LS08, Mis06, VT09, WKJ07, YW01, Alw06, HV06, JPJ+04, LP01b, LM00, Ray06, TSD01, ZBS+04]. **pipelines** [CD04]. **Pipelining** [MSMS04, PKCD09, Tou07, BSN+06]. **Piracy** [LH09]. **pixel** [PLK+03]. **PKASSO** [PLP08]. **PKI** [PLP08]. **PKI-Based** [PLP08]. **place** [SV06]. **Placement** [ABF+07, LX07, RG09, Xie08, LML01, RDH+01]. **placements** [AE00]. **Planar** [XZP09]. **Planning** [SKK+09, LP06a]. **Platform** [ZBI+07]. **Platforms** [GCN+09, KDM+09, SWP04]. **Plugged** [LP07]. **PMC** [AS03c, CC07]. **Podcast** [Ano08f, Ano08g, Ano09h]. **Point** [ACV05, BR09, CGS07, CHA+09b, DJJ+08, EHS09, ES00, Gra09, HKM09, Kah04, KGB07, KK09, Lee12, LM08, TLS09, WSTJ09, XPGP06, BMR04, EP00, FHLM04, KGB05, LB04, LM00, NMLE00, SE04, VLG06, YSL00]. **Point-to-Point** [CGS07]. **Points** [KLT07]. **Polarity** [JSM09, DN06]. **Policies** [FAL06, ZV06, CJ01, LCK+01]. **Policy** [CX07, PL09a, WCKD04]. **Polling** [ZMY08]. **Pollution** [ZL07]. **poly** [Ali02]. **poly-time** [Ali02]. **polygonal** [Wan03, YCL01]. **Polymorphic** [SS09a, VWG+04]. **Polynomial** [CO09, CCY00, CH07b, FH06, JSM09, LV07, LCLV08, PCH06, RMH06, Wu08, RMH04, Wu02a]. **Polynomial-Based** [LV07]. **polynomials** [CHC05, Gol02, HK00a, LLL01, ZP01]. **Port** [JSW07, HvdG02, JS06, WT00, YW01]. **Portable** [GW04, Wan04]. **Position** [JLZ+09]. **Positioning** [ZCWZ08]. **Positive** [Bal04, ABG04]. **Possibilities** [BBH06]. **possible** [HSW03]. **Postprocessing** [Gol06]. **Potential** [LG09]. **pow** [LL09]. **Power** [AMMMA04, CV08, Gir06, GSH+08, Has01, HBF09, HE05, KM07, KSL08, LP06a, LSLsK07, LMW07, MPP+05, MG08, NKY08, PH08, PSZS04, PL09a, PRB09, SL06, TLS09, VT09, VAZSR07, XLSF07, YWV05, ZZ05, AS03a, AS03b, BMO04, BDBR05, Cao02, CT05, CBB+02, DKV+01, GBHL06, JS06, KL03a, KL04, LW00, MME04, MDS02, NAH02, PCL06, RSM+05, RKM05, SKS04, San06, ZK01, ZBS+04]. **Power-Aware** [LSLsK07, SL06, AMMMA04, LP06a, PSZS04, ZZ05, BDBR05, Cao02]. **Power-Efficient** [PH08, VT09]. **Power-performance** [MPP+05]. **Power-Scalable** [VAZSR07]. **Power-Up** [HBF09]. **Power/Performance** [CV08]. **Powering** [PEB04]. **Practical** [LZ07, RS08b, XZP09]. **practice** [BK00]. **practices** [Rya04]. **Pre** [HSS+08]. **Pre-RTL** [HSS+08]. **precedence** [LP00]. **Precise** [Kah04]. **Precision** [BM08c, BR09, LL09, LV09, PB02, SS00, SPS08, TLS09, KM06b, Par03]. **Precomputed** [VPG+08, PR02c]. **Predicate** [Ksh07, CK05]. **predictability** [ML00, ZL04]. **Predictable** [CKS+06].

Predicting [BSPG08, MP03]. **Prediction** [BGB08, JLZ+09, KJM+09, LP09, LJS+07, LG09, MKP06, PA08, ZDS+07, GBHL06, GSW02, GG01, ISF06, LY01, LY02b, MGZ06, MGT04, MS02, PSZS04, ZC05a]. **Prediction-Based** [LP09]. **predictor** [SSC03]. **predictor-directed** [SSC03]. **predictors** [BZ02]. **Preemptable** [BKM+06]. **preemption** [Gho01]. **preemptive** [DRC05]. **Prefetch** [ZL07, SDT04]. **Prefetching** [BP09, BGH07, KV02, LwJKW03, LRB01, SSC03, WK06]. **Prefix** [KNE+00, LKS05, PB07b, SHR08, DN05, EVN03, EVN04a]. **Prefixes** [CL07, LS04c]. **preprocessing** [AT05]. **prescaling** [ML01]. **Presence** [PKL09, AN05, Fav06, PDS04, SAOKM01, Moo07]. **Preserving** [YGB08, TMD05]. **Pressure** [BSPG08]. **Prevent** [OVB+06]. **Preventing** [KKKB05, CMCJ04]. **Prevention** [LH09]. **Pricing** [LCL07]. **primal** [XTX06]. **Primary** [ZVT09]. **Primary-Backup** [ZVT09]. **Prime** [BIN06, LM08, KSL05]. **Principles** [Ano04h, DGZA03]. **Priority** [BRC08, BNRB09, DZB08, ASL04, Bar04, BB04, DSK00, KDB+05, dALB03, MRS00, WAB+02]. **priority-driven** [KDB+05]. **Proactive** [Cao02, HR02, RL04]. **Probabilistic** [FDZ03, LP00, SB07, TSC+00, Pal05a]. **probabilities** [CLW+03, SL04]. **probability** [Had05, LRJ00]. **PROBE** [CBM07]. **PROBE-Based** [CBM07]. **Problem** [AD08, QD08, SC07b, BKM+06, yFBC03, LS02, OR00, RTD00, TPT06, WAB+02]. **problems** [AKS+03]. **Procedures** [PR00c, BBK+03]. **Process** [Kap09, MWK+09, SFJ03, KK00a, LP06a, LVS01]. **Process-Variation-Aware** [MWK+09]. **Processes** [SC06]. **Processing** [JVG07, LC02, PC07a, CRL00, KD02, LLC02a, LLSC02, TJB03, WZX05, YSL00, YY01]. **processing/transmission** [CRL00]. **Processor** [BBGM08, KGG08, KOA07, LSBV08, SH09, CRL00, CM01, CZM05, HW00, HMM06, HT00, KYY+03, LP00, RSM+05, ST03, Tsu00, VWG+04, YD02, Zha03]. **Processor-In-Memory** [KGG08]. **Processors** [AVZ08, HL09, LV09, NBAR08, SS00, TW08, WKJ07, WWC06, AGG06, CKS+06, CYL01, Gho01, GSG05, HAK05, HV06, HLLR00, JBV+05, KKP00, KR04, KPGX05, KPEG04, LY01, LJ05, MKAP05, PLK+03, QD04, RMH03b, TP02a, WB03, YSL00, YGZ05]. **Product** [AFM+06, Gra09, HC08a, KK09, MRM07, CLTH04]. **production** [LAG+01]. **Products** [KHP00, Ano00c, SB01]. **profiling** [HJS04, ML00]. **Program** [GBHL06, KJM+09, ZDS+07, JPEJ06, KF01, SL04, XV04]. **Programmable** [CCdS04, KKP00]. **Programming** [Ano07g, Ano07i, FSL07, PPB+07, ST08, XTX06]. **Programs** [LF09, LLVA01]. **Pronunciation** [ZMM07]. **Proofing** [JSW+06]. **Propagation** [HDQK09, SS09a, HJS04, SCZ01]. **Properties** [CS00, FFP07, AB05, HLM00, MS03, ZBC02]. **Property** [WH06, WK03]. **Proportional** [SCK06, YD09, WZX05]. **Proposal** [SK02, BBP+01]. **Protected** [TFCW07]. **Protecting** [Kim09]. **Protection** [MG08, WYYZ06, XYR+09, OM04, SXZ+06]. **Protocol** [Bal04, CWC07, KG07, LMF+08, ZW08, dOBNL09, CMD05, DLBS03, Dat05, DPIK05, GS00b, Gro04, HSH01, Kum00, KPDS02, KM03, LMS02, SC05, SLZ05a, Tze02a, Tze02b, WDL+03, Wu03, ZBC02, PLP08]. **Protocols** [ABT07, SSCG06, SMBS06, UBWF08, WCYR07, GKM03, HMR02, LJ01, PHA06, RTD00]. **Prototype** [HXW09]. **Provably** [DJJ+08, HvAL09, Lee12, SMS07]. **Proved** [BM08b]. **Proven** [Bol09]. **provides** [RBC+03]. **Providing** [ASMD07, LMS02]. **Provisioning** [WX06].

proxy [MPAS03, WMZH02]. **pruned** [JSD01]. **Pruning** [LKTT08]. **Pseudo** [ARSM07]. **Pseudo-Boolean** [ARSM07]. **pseudoexhaustive** [DCCS01, SGB00]. **pseudorandom** [AB05]. **Publication** [DGZA03, Ano04h]. **pull** [BDK+02]. **Purpose** [Ano07j, Ano07h, HL09, LP09, SGK08, LJ05, RMH03b, YSL00]. **Push** [ET01, BDK+02]. **Push-based** [ET01]. **push-pull** [BDK+02].

QCA [NPB07, SB07, VOL08]. **QoS** [ASB03, ASMD07, AHS06, AAS00, HUN07, KBK03, LSP04, LHLL06, MAA+08, SZL08, WX06, XTX06, XM07, ZW08]. **QoS-adaptive** [ASB03]. **QoS-Aware** [ZW08]. **Quadratic** [POMB05]. **Quality** [BVM07, CKDS02, LLP09, MRM07, SCG08, THC+08, CTA02a, CTA02b, PR04b, SS06, TSP00, THWH01, THW03]. **Quality-of-Control** [BVM07]. **quality-of-service** [SS06]. **Quantification** [JDZ07, LKS03]. **quantifying** [TP04]. **quantization** [RB05]. **Quantum** [CS09a, Imr07, Sue09, VNM07, VOL08, YF09, ZR07]. **Quantum-Dot** [CS09a, VOL08]. **Quasi** [SS09a]. **Quasi-Species** [SS09a]. **quasistationarity** [Car04]. **Queries** [HXW09, LC02, PXK+02]. **Query** [LX09, PC07a, PXK+02, LLC02a]. **Queue** [ZV06, AWY01, MRS00]. **Queue-and-Rate-Adjustment** [ZV06]. **Queued** [GS09, LS09a, PY05a]. **Queueing** [CMS08]. **Queues** [CNG+09, TSD01]. **Queuing** [MT09, NH06, CSS02, CL01, GL02, LMS02]. **Queuing-Theoretic** [NH06]. **quorum** [LCC02]. **quorum-based** [LCC02].

Rabin [FDBS05b]. **Rabin-like** [FDBS05b]. **RACCOOM** [GHP03]. **Race** [OMG07, ZJ08]. **Rack** [CKS+08]. **Rack-Mounted** [CKS+08]. **Radar** [LKSS06]. **radars** [KCKC05]. **Radices** [ZR07]. **Radio** [NH06, SSCG06, CMD05]. **Radios** [MBG08]. **Radix** [ABA07, ALB00, BG08, Jha13, LA03a, LN07, PBLM08, BP01, COP+06, ML01, Par03, SMM05]. **Radix-** [LA03a]. **Radix-10** [LN07]. **Radix-2** [PBLM08]. **RAID** [EP09, BP07, FDBS05a, FDBS05b, WZL08, Xie08]. **RAID-5** [BP07]. **RAID-Structured** [Xie08]. **Rail** [MTHA08, ORM05, Pie02b, SMBY05]. **RAM** [HAAvdG06]. **RAMs** [Voy08]. **Random** [AKS+03, Gol06, HBF09, KGB07, SMS07, ZSS08, BGL+03, Had05, TP04, TSP00, UF03]. **randomization** [Car04]. **Randomized** [Ali02, LOP07]. **Range** [BDK+05, CWZL08, MDJM05, VLG06, ZY06, ZCW+06]. **Range-Addressable** [MDJM05]. **Range-Reduction** [BDK+05]. **Ranges** [Cha06, CL07, LS04c]. **Raphson** [GS00a]. **RaPiD** [EFX+04]. **rasterization** [PLK+03]. **Rate** [BG03, BBB03, FFJ+06, GCNS08, LLWS08, ML08, PKCD07, PB07a, ZV06, ZDS+07, GHP03, KYL02, KL03b, LMM03, LMS02, WTL04, WZX05, WK03]. **rate-based** [GHP03, KYL02, LMS02]. **Rate-Monotonic** [LLWS08, BG03, LMM03]. **Rational** [LGK01, CL01, CLW+03]. **RE** [ZCW+06]. **Reactivation** [KG07]. **read** [BW03, MS02]. **read-after-read** [MS02]. **Real** [AM08, AC09, Ano05f, Ayd07, AZ09, BRC08, BWR+07, BVM07, CHL09, CRJ07, DLM09, DZB08, FSL07, JG06, JS09, KD02, KM00, KCKC05, LKSS06, NASK+08, PC07b, SL06, SKK+09, SC06, THC+08, WCLK09, WZ07, WRJ07, XHLC08, ZB09, ZX07, AS00, AHS06, ACCL06, AAS00, AMMMA01, AMMMA04, BCF+03, BBL01, BDBR05, BJHW00, CBS02, CBT05, CJ01, DSK00, FZM00, GCI06, HHTH00, HSH01, HSW03, HR02, HL02, HL01, JR02, KLA+03, KS00a, KDB+05, KL03a, KL04, KH00, KLS01, KYL02, KKK03, LwLH02, LR04, LWRJ06, LKS03, LMM00, dALB03, LLA04, LHLL06, MAMMA03, MME04, DS00, NS03,

Pal05b, PV03, PBWB00, Raj00, RL04, RPH01, SM00, SWP04, WKS+05, WZSP04, WRJL05, XQ06, XR04]. **Real-Time** [AM08, AC09, Ano05f, Ayd07, AZ09, BRC08, BWR+07, BVM07, CHL09, CRJ07, DZB08, FSL07, JG06, JS09, LKSS06, NASK+08, PC07b, SL06, SKK+09, SC06, THC+08, WCLK09, WZ07, WRJ07, XHLC08, ZB09, ZX07, KD02, KM00, KCKC05, AS00, AHS06, ACCL06, AAS00, AMMMA01, AMMMA04, BCF+03, BBL01, BDBR05, BJHW00, CBS02, CBT05, CJ01, DSK00, FZM00, HHTH00, HSH01, HSW03, HR02, HL02, HL01, JR02, KLA+03, KS00a, KDB+05, KL03a, KL04, KH00, KLS01, KYL02, KKK03, LwLH02, LR04, LWRJ06, LKS03, LMM00, dALB03, LLA04, LHLL06, MAMMA03, MME04, DS00, NS03, Pal05b, PV03, PBWB00, Raj00, RL04, RPH01, SM00, SWP04, WZSP04, WRJL05, XQ06, XR04]. **Realistic** [WFP08, HvdG02]. **realization** [CPR03]. **realizations** [YWV05]. **rearrangeable** [Kan05, YW04a, YCL01]. **receiver** [EFX+04]. **recently** [LCK+01]. **Reciprocal** [EIM+00, LA03a, PB02]. **Reciprocation** [ELMT00]. **Reclaiming** [Ano05f, CBT05]. **Recoding** [JY00, SSST06]. **recodings** [SMM05]. **Recognition** [lFB07, HW07, KOA07]. **recommendations** [YL06b]. **Reconfigurable** [ABF+07, KDM+09, SBPV07, SKG09, SdBF04, VT09, ZP08a, ZP08b, BP01, Car03, EFX+04, HPS02, LP01b, LO04, MM04, SKS04, SLL+00, SWP04]. **Reconfiguration** [JS06, JSW07, LMF+08, TEG09, AN05, Low00, MJ02]. **Reconfigured** [XLSF07]. **Reconstruction** [Clu07, XW08]. **Recovery** [XYR+09, KHM03, KZP05, KKK03, MME04, OBB+02, PMR02, SFJ03, TTA+02, ZC05a]. **recovery-free** [ZC05a]. **recovery-oriented** [OBB+02]. **rectilinear** [Wan03]. **rectilinear-monotone** [Wan03]. **Recurrence** [LN07, ALMN05]. **Recurring** [GCS08]. **Recursion** [dOBNL09]. **Recursive** [BCK09, DCCS01]. **Red** [MRP+08]. **reduce** [BW03, GYA+03, MGZ06, RSM+05]. **Reduced** [HU02, HU09, KK09, RMPJ08, ALMN05, Hia02, LB04]. **reduced-area** [Hia02]. **Reducing** [BSPG08, GCNS08, Kim09, MS02, PP06, San06, SC04, ZL07, AF05, BMO04, CK06, LA03b]. **Reduction** [BDL09, BDK+05, KSA03, Ker08, SLZ05b, XLSF07, BO03, BD05, FLW03, ICM03, KGM+05, PR02c, PKEG04a, SDB03, VLG06]. **Redundancy** [KB08a, WYZ08, DBB00, HSU03, KM06a]. **Redundant** [HAH08, Kor09, NWA08, AKS+03, CHC05, GS03, KM06b, MSM02, PS04, PGK01, PR06, San03, TM00, WHBG02, EP09]. **Reed** [DN06, Fal03, DM00b, FDBS05a]. **references** [KGMS00, MKAP05]. **Refinement** [VVSA07]. **Reflective** [RKFTF03, SM00]. **regenerative** [MB01]. **region** [CLF05, KI04]. **Register** [BSPG08, EBPG06, LMW07, Tou07, GYA+03, RSM+05, TA05, TSD01, WK03]. **registers** [MVG+04]. **regrouping** [DK04]. **Regular** [CC07, Lee09, BCV01, CCMS02, MAD03]. **Rejuvenation** [SAT09]. **Rekeying** [SH09, VW05]. **Related** [CLV05, WSTJ09, CV00]. **Relation** [FMRR07, KR01]. **Relations** [BCK09]. **Relationship** [FH06, YOC+01]. **Relaxed** [KL09, LP01a]. **Relay** [LX07, SCZ01]. **relays** [WLD06]. **release** [MVG+04]. **Reliability** [AZ09, DPZ07, DLT07, EP09, TB06, WHZ09, CU02, Car02, CAK04, CMD05, SV06, Zha05]. **Reliability-Aware** [AZ09]. **reliability-oriented** [SV06]. **Reliable** [NS03, PV03, PRO03, UB03]. **relieving** [TNS03]. **Remainder** [BG08, CO09, YKLM03, Par03]. **remapping** [RPH01]. **Remote**

[MG02, OS07, BW03, LC02]. **Removing** [ABLP07]. **rename** [San06]. **rendering** [PLK+03]. **reorder** [KPEG04]. **reordering** [WH03]. **Repair** [Ano04h, DGZA03]. **repairable** [Car02]. **Replacement** [BGH07, CX07, KS08, BWTE04, CNM+02, HK00b, JD06, JZ05, ZXL02]. **Replacing** [CNG+09]. **rePLay** [PL01]. **Replica** [PBWB00]. **replicated** [LCC02]. **Replication** [Zha05, ZVT09, AF05, CKBF03]. **Representation** [BIN06, CKA06, NWA08, PB07b, CHC05, GMQS02, GS03, KB03, KGB05, LLC02b, PS04, RK05, TPT06, WFMSW00, WHBG02]. **Representations** [Kor09, NS09, KM06b, PGK01, SSK03, Sun05]. **Representing** [JP07, JPSR07]. **Request** [LX09]. **requests** [CBB+02, KHM01]. **required** [Par03, SW00]. **Requirements** [gLMK07]. **Rerouting** [JSW07]. **rescheduling** [CS00]. **rescheduling-based** [CS00]. **Reseeding** [WBW08]. **Reseeding-Based** [WBW08]. **Reservation** [Ano05f, SL06, CBT05, LLA04]. **Reservation-Based** [Ano05f, CBT05, LLA04]. **residual** [CU02]. **Residue** [BG08, VLG06]. **Resilience** [LZ07]. **Resilient** [BCdSFL09, GSS08, SHK06]. **Resistant** [Gir06, MRL06]. **resizing** [PKG06]. **resolution** [DSK00, XXF03]. **Resource** [FPFP06, HUN07, JVG07, LG06, MBG08, MLB+09, NH06, SKJ07, SL06, SKK+09, ASB03, CC03, ET03, GL02, HR02, LWRJ06, MKS03, MG02, OM04, RL04]. **Resource-Constrained** [MLB+09]. **resources** [RB05]. **Response** [Bal04, BNRB09, PKR04]. **Response-Time** [BNRB09]. **responses** [BDG03]. **Responsive** [LP09]. **restoration** [MKS03]. **restricted** [CN03]. **restructuring** [TP02a]. **Results** [XHLC08, BFG03, CWC02, Ste02]. **Retirement** [MBR+09]. **retrieval** [AKS+03, Rho03]. **Return** [OVB+06]. **reuse** [HL00, HL03]. **Revealed** [BBD+08a]. **reveals** [KJD02]. **Reverse** [PKCD07]. **Reviewers** [Ano05g, Ano06a, Ano07b, Ano08e, Ano09a, Ano00a, Ano01a, Ano03, Ano04a]. **Revisited** [SK00, CMK03, FHLM04]. **reward** [AMMMA01]. **reward-based** [AMMMA01]. **rewarded** [Car04]. **Rewriting** [VVSA07]. **RFID** [LSBV08, OS07]. **Right** [HE05, JY00, KGB05, RK05]. **rigor** [YLH05]. **Rigorous** [XRR+02]. **Rijndael** [SK02]. **Ring** [GS09, HJ01, KB03, MMRT06]. **Rio** [NC01]. **Risk** [KM07, SHK06]. **Risk-resilient** [SHK06]. **RNS** [BI04, CN03, Hia00, Hia02, PBB07, VNBE03]. **ROBDD** [TMD05]. **Robin** [SCK06, YGB08, YD09]. **Robust** [WZX05, ZJ08, Ali02]. **Robustness** [BFG03]. **ROC** [OBB+02]. **ROC-1** [OBB+02]. **Root** [EIM+00, ELMT00, Kor05, MBCP07, PB02, PBLM08, RHMLL08, LA03a]. **Roots** [HCK09]. **Rotation** [ALB00]. **Rotation/Vectoring** [ALB00]. **Round** [SCK06, YGB08, YD09]. **Round-Robin** [SCK06, YGB08, YD09]. **Rounded** [BM08b, BM08c, BMR04]. **Rounding** [BM08b, ES00, LL09, Par00, ML01]. **Route** [Ano04h, SX09, DGZA03, SV06, TC02]. **routed** [SAOKM01, WT00]. **Router** [KS07, SHR08, EKK04, LS04c, LS04b, LS05, LKS05, RMB05, SK04]. **router-table** [LS05, SK04]. **Router-Tables** [KS07, LS04c, LS04b, LKS05]. **routers** [NB02, XS02]. **Routing** [ABF+07, ACPP08, CXP06, LHC+08, LLLD06, MR06b, MS09, Mel07, OMG07, PGVB08, WLS09, XZP09, XWC+08, XM07, BB03b, CCK00, Dat05, EKK04, FLM+03, GNF+06, HS04, KM06a, KNS01, LWG01, LS02, NASR04, PS06a, SDB03, Sch01, SW00, SS06, THW03, Wan03,

WDL+03, Wu03, XTX06].
Routing-Conscious [ABF+07]. **Row** [JSW07, LLW07]. **RS** [CPRS07]. **RSA** [BI04, Gir06, YKLM03]. **RT** [SM00]. **RT-CRM** [SM00]. **RTL** [HSS+08, VVSA07]. **Run** [RK07, CC03]. **Run-Length** [RK07, CC03]. **runahead** [MKAP05]. **Runtime** [TEG09, MTB+01, RVJ+01]. **RVR** [CU02].

s [HV06]. **saboteurs** [SAKR03]. **Safe** [KL09]. **Safecharts** [HCL07]. **Safety** [HCL07]. **Safety-Critical** [HCL07]. **Sampling** [JLJ07]. **SAN** [SLZ05a]. **SANs** [ZSXZ07]. **SAT** [BBH06, SdBF04]. **SAT-Solving** [BBH06]. **satellite** [ET01]. **satellite-terrestrial** [ET01]. **Satisfactions** [YRF08]. **satisfiability** [ASM06, ACCL06]. **Saturated** [PKCD09]. **Saturation** [SBAB00]. **save** [TPT06, UK01]. **saving** [KPDS01]. **Scalable** [CH07a, CD09, FPFP06, HXW09, MRS00, RM09, VAZSR07, WYYZ06, XPGP06, ZP08b, BLAA01, GL05, KYS05, MAD03, MKBG00, PXK+02, ST03, TK03]. **ScaLAPACK** [BBP+01]. **Scalar** [AH08, VOT08, Mis06]. **Scale** [CWC07, FPFP06, Sum08, Lin01]. **Scaled** [CV08]. **Scaling** [HASL07, LCL07, SW05, ZX07, ZR07, KL03a, KL04, LS04a, PP06]. **Scan** [HSLN08, XLSF07, XCF07, BO03, BO05, Li05, LC04, NAH02, PR02c, PR04d, PR06, SCZ01, XP04]. **Scan-Based** [XCF07, BO05, SCZ01]. **scan-BIST** [LC04]. **scatternet** [PBC03]. **Schduler** [YD09]. **Schedulability** [BB04, DZB08, KM03, LKSS06, LLWS08, ZB09]. **Scheduled** [KGA01, QD04]. **Scheduler** [CH07a, GBD07, LP09, SKJ07, YGB08]. **Schedules** [FSL07]. **Scheduling** [ACS+09, BWR+07, BNRB09, CLLL09, CHL09, GMSC09, GCS08, GS09, HL01, LKSS06, LZ07, LP09, LCC06, LOP07, LS09a, MEB01, NASK+08, DS00, NBAR08, PKCD07, PY09, QX08, SL06, THC+08, WZ07, WRJ07, XQ06, XHLC08, ZB09, ZVT09, ZX07, ASL04, AMMMA01, AMMMA04, Bar05, BG03, BFG03, Bar04, BF06, BKM+06, BLCA02, CN05, CJ01, DRC05, GCI06, HSW03, HB01a, HH04, ICM03, KMPE02, KHM01, KL03a, KL04, KYL02, KCKC05, LP00, LR04, LWRJ06, LHLL06, LAG+01, MRY06, MAMMA03, NB02, Pal05b, PY05a, PC02a, PBWB00, Ros04, RY05, San03, SHK06, SWP04, TSC+00, WZSP04, WRJL05, ZY06, ZS00]. **Scheme** [CWZL08, DHS08, HX08, PDS07, RK06, Sum08, Voy08, WFP08, AWY01, BB03b, CNM+02, GVMC+06, LA03b, LLC02b, LCC02, LCL03, MB03, TB03, TA05, WD04, YJMS05, YD02, Zha03]. **Schemes** [FH07c, PC07a, SZL08, TSS08, BMO04, Fan03b, KL03b, MRT01, Tze04, YB03]. **Scientific** [CD09]. **Scott** [HKM09]. **Scrambler** [Clu07]. **screening** [MDM04]. **SD** [ZW08]. **SD-MAC** [ZW08]. **SEA** [Xie08]. **Search** [NKSG09, RM09, WH06, SDB03]. **Searching** [SLZ05b]. **Secion** [Ano07i]. **SecLib** [GSH+08]. **Second** [PRB09, Yan08, YL06a]. **Second-Order** [Yan08, YL06a]. **Secondary** [SMM05]. **Section** [Ano04e, Ano07e, Ano07f, Ano07g, Ano07d, Ano07h, APV09, BK06, DLL07, GDM07, Har06, KMMS09, LML06, Mar08, Mud05, ST08, SGK08, HKL01, JR02, KP03, LT03, SLG02]. **Secure** [FPL+08, HvAL09, Lev07, NHSC07, SHYV06, SMS07, LRJ00, Lu05, Tze02a, Tze02b, YGZ05]. **Security** [Ano08f, Ano08g, Ano09h, DHS08, DMS+09, GSH+08, LSBV08, OVB+06, SXZ+06, MDS02, Rya04, SMBY05, SHK06, XQ06]. **security-assured** [SHK06]. **security-critical** [XQ06]. **seed** [Kag03]. **Segment** [CL07]. **select** [EVN03]. **select-prefix** [EVN03]. **selected** [Had05]. **selecting** [PvST02, ZC05b]. **Selection**

[ACPP08, BMlX08, CX07, HWW07, Kor05, LLW07, MK07, yFBC03, HPS02, ML01]. **Selective** [HSLN08, KKN07]. **Self** [AGPP09, BP06, CD09, CUT00, DH06, GL03, Kar06, KC07a, MFR00, OZ06, WGZ+08, Ano00c, KHP00, KPGX05, MOK04, Pie02a, Pie02b, SMMMK03, YFKB04]. **Self-Adaptive** [WGZ+08]. **Self-Checking** [OZ06, MFR00, Pie02a]. **Self-Checkpointing** [KC07a]. **Self-Healing** [CD09]. **self-management** [SMMMK03]. **Self-modifiable** [GL03]. **Self-organizing** [BP06]. **self-similar** [MOK04]. **Self-stabilizing** [DH06, Kar06]. **self-test** [Ano00c, KHP00]. **Self-Testing** [AGPP09, KPGX05, Pie02b]. **Self-Timed** [CUT00, YFKB04]. **Semantic** [LLS02a]. **Semantically** [PRO03]. **semantics** [KM00]. **Semiconcurrent** [AFPS01]. **Sensing** [CRS09, NASK+08]. **Sensitive** [Ayd07, LSS09, LAG+01]. **Sensitivity** [SZGS09]. **Sensitivity-Based** [SZGS09]. **Sensor** [AD08, BF08, CLLL09, DMS+09, KLT07, LSS09, LKTT08, LX07, LLLD06, MY07, MP09, PH08, RM09, WHT09, XS07, ZMY08, ZCWZ08, dOBNL09, BP06, CIQC02, CLF05, CSR04, DPIK05, KI04, LWF03, LR06, LDH06, PS06a, PR04a, SC05, ZC05b]. **Sensors** [KLT07]. **Sep** [HU09]. **separation** [RK03]. **Sequence** [YGB08, Alw06, DU04, PR02a]. **Sequences** [HU09, HU02, HU06, PR00c, PR02a, PR02b, PR04d, Voy05]. **sequencing** [GYA+03]. **Sequential** [BP09, GSS08, PGPZ00, CH06, DBB00, Fro00, Fuj00b, HCC+00, MSMS04, NAH02, PR00c, PR00b, PR02a, PR04c, PR06, RMH05, SC04, TM00, XXF03]. **Serial** [DH05, HRM09, KWP06, VOL08, LPS00, YY01]. **serial-parallel** [LPS00]. **Series** [Ano08f, Ano08g, Ano09h]. **Server** [WYMG09, ZBI+07, ASB03, KD02, KKK03, MAMMA03]. **Servers** [CKS+08, HASL07, TTC09, WX06, WZ07, CM02, GL02, HH04, WMZH02, WZX05, WZSP04, YNOJ02]. **Service** [DPZ07, LSS09, CM02, CTA02a, CTA02b, CBB+02, CKDS02, EGP03, LSV00, LMS02, LMS04, SS06, THWH01, THW03, XL03]. **Services** [DLT07, MT09, CT03, CD03, CKDS02, HSU03, KL03b, LMS02, MPAS03, XL03]. **Session** [CP02, KKKB05]. **Session-based** [CP02]. **Set** [BBGM08, NKSG09, SHR08, VPG+08, WDY08, Ano00c, BD05, CT05, CN03, KHP00, LCKR03, PB04, PR02c, RZ04, ST04, TMD05]. **sets** [KS00b, PR04b, PR04d, SS02, WLD06]. **setup** [Li05]. **setup-time** [Li05]. **SEU** [TFCW07]. **SEU-Induced** [TFCW07]. **Seven** [FH07a, Mon05]. **Seven-Term** [FH07a, Mon05]. **Several** [PAW07]. **shaped** [FWCL06]. **shaping** [AVVY05, WTL04]. **Shared** [AGPP09, BGB08, GS00a]. **Shared-Memory** [AGPP09]. **Sharing** [CPRS07, Car03, MG02, RG05]. **Sharp** [GCS08]. **Shift** [Kor09, Yan08, TPT06]. **shift-unsafe** [TPT06]. **Shifted** [FH06, PCH06]. **Shifters** [HL09]. **shipping** [LLS02b]. **Short** [VOT08, PKEG04a]. **short-lived** [PKEG04a]. **Short-Memory** [VOT08]. **Shortest** [CY09, MO06, XT02, Zac06]. **should** [LKF03]. **side** [CMCJ04]. **side-channel** [CMCJ04]. **sided** [YCL01]. **Sign** [PLP08, SLS04]. **Sign-On** [PLP08]. **signaling** [LA03b]. **Signals** [XCF07]. **Signature** [PB07a, Che05]. **Signed** [CV00, JY00, COP+06, RK05, SLS04]. **signed-binary** [RK05]. **Signed-Digit** [JY00, SLS04]. **Silent** [LBL01]. **silicon** [KZP05]. **Silver** [Ano08f, Ano08g, Ano09h]. **SIMD** [DT05, Par04, TJB03, TLS09, YSL00]. **similar** [MOK04]. **Similarity** [KH00, JPEJ06, KM00, KM03]. **Similarity-based** [KH00, KM00]. **Simple** [Gir06, KG06, RK06, YW06, CMCJ04,

KR04]. **simplex** [XTX06]. **Simulation** [Ano04d, GE08, GE09, Har06, JPSR07, JLJ07, NPB07, SG07, SM09, WWC06, WH06, YL06b, BJHW00, CU02, Gho01, KHB02, MPP+05, YLH05]. **Simulation-Based** [Ano04d, Har06, WWC06, WH06]. **Simulations** [YSLH07, LLVC04]. **simulators** [YL06b]. **Simultaneous** [HR06, SP07, ZYZ09, PGK01]. **Single** [PLP08, PB07b, UBWF08, WWH+07, BDG03, MPP+05, PR02a, UF03]. **single-chip** [MPP+05]. **Single-Image** [WWH+07]. **sinusoidal** [Alw06]. **sites** [CP02]. **Six** [FH07a, Mon05]. **size** [BD05, CS00, DNVG05, HLM00, OPZ00, ZZZ04]. **sizes** [KSA03, Sez04]. **sizing** [HR06, IC02]. **skewed** [ABP+05, Sez04]. **Slack** [AM08]. **slave** [LZ06]. **Slicing** [GVB+09, SG07]. **slipstream** [KR04]. **Slowdown** [JG06, WZX05]. **Small** [ELMT00, RK06, GMQS02, JPJ+04, YL06a, Zha02, Zha05, ZV02]. **Smart** [MG08, BGL+03, MDS02]. **smart-card** [MDS02]. **SmashGuard** [OVB+06]. **SMT** [BG05, CKS+06, CV08]. **SMT/CMP** [BG05]. **SMTs** [CKS+06]. **SNAP** [MP09]. **Snapshots** [XYR+09]. **SoC** [BFP+06, LML06]. **Society** [Ano07a, Ano07k, Ano07l, Ano09g, Ano09f, Ano04f, Ano04g, Ano06f, Ano06h, Ano06g, Ano07m]. **SOCs** [KTK06, SC07a, XN06, GMSC09, RK07]. **Soft** [BC01b, WHZ09, DH06, KLA+03, MBF+04]. **Software** [AGPP09, CS09b, CMAB09, CHA+09b, DHH+06, KPGX05, MBG08, PC07b, SAT09, TP04, Tou07, ACK+03, DKV+01, GPS05, HSW03, HJS04, MS03, MBF+04, PP06, PNRP04, SXZ+06, TTA+02, TGKL03, TSD01, VKI+03, YWV05, RLPV05]. **Software-Based** [AGPP09, CS09b, CMAB09, KPGX05]. **Software-Defined** [MBG08]. **software-implemented** [ACK+03, TGKL03]. **Solomon** [FDBS05a]. **Solomon-like** [FDBS05a]. **Solution** [ARSM07, CS08b, OVB+06, QD08, CSS02, RTD00, TPT06, Voy05]. **Solutions** [WDY08, CMCJ04, LS02, OR00]. **Solve** [BCK09]. **Solver** [SPS08]. **solvers** [BBP+01, SdBF04]. **Solving** [BBH06, WAB+02]. **Some** [BT05, ELMT00, YL06a, Car04, RY05]. **Sort** [NZ07]. **Sorting** [RS08b, BB05, OPZ00]. **Source** [HBF09, RK06, BGL+03, FLM+03]. **Sources** [PAW07, SMN07]. **Space** [ABF+07, BCdSFL09, CRJ07, FH07b, GE09, LS08, MS09, WH06, BDG03, CK05, EL02, KRCB01, SDB03, WMZH02]. **Space-Efficient** [LS08]. **Space-Optimal** [CRJ07]. **spaced** [Gol02, LLL01]. **Spaces** [GE08]. **spanning** [Res01]. **spare** [HT00]. **spares** [YBB00]. **Sparse** [CL06, LCL03]. **Spatial** [CH07a, LMV+08, SS09b, WHT09]. **Speaker** [lFB07, PAW07, ZMM07]. **Special** [AK09, Ano04e, Ano04c, Ano04d, Ano05c, Ano05d, Ano05e, Ano06e, Ano06c, Ano06d, Ano07c, Ano07e, Ano07f, Ano07g, Ano07i, Ano07j, Ano07d, Ano07h, APV09, BK06, DLL07, GDM07, Har06, KK00b, KMMS09, LML06, Mar08, Mud05, SB05, ST08, SGK08, HKL01, JR02, KP03, LHJL05, LT03, RHK03, SLG02, UB03]. **Special-Purpose** [Ano07j, Ano07h, SGK08]. **Species** [SS09a]. **Specific** [HCK09, BDBR05, CZM05, KKP00]. **Specification** [AHS06]. **Specifications** [PF08, BJHW00, PY05b]. **Specified** [AC09, PR00b]. **Specify** [MNR08]. **Spectral** [HWW07, Ker08, Yan08, YL06a]. **spectral-** [YL06a]. **Spectral-Null** [Yan08]. **spectrum** [CH06, LCK+01]. **spectrum-based** [CH06]. **speculation** [AGG06, yFBC03, GG01]. **Speculative** [LOP07, MGT04, TA05]. **Speech** [Ano06e, Ano06c, Ano06d, lFB07, GDM07,

HW07, Moo07, OM07]. **Speech-Based** [Ano06e, Ano06c, Ano06d, GDM07, Moo07]. **Speed** [ANPS07, BR09, CS08a, FN09, JK09, KNE+00, KG06, KS05, PB02, POMB05, SC07a, XPGP06, YJ00a, YSLH07, BGL+03, DN05, Hia02, MRS00, ORM05, San06, WWSH04, XS02]. **Speeding** [KGB07]. **speedup** [YKLM03]. **spill** [RSM+05]. **spills** [GYA+03]. **Spoken** [SMN07]. **sporadic** [BF06]. **spot** [AAvdG03, SAOKM01]. **Square** [EIM+00, ELMT00, HCK09, Kor05, LA03a, PB02, RHMLL08, CHL01]. **Square-root** [LA03a]. **squarer** [Wu02a, Wu02b]. **Squaring** [HRM09]. **SRAM** [GVMC+06, HBF09, PL09b, SV06, ZIPL00]. **SRAM-based** [SV06, ZIPL00]. **SRAMs** [HvdG02]. **SRT** [Kor05]. **Stabilizing** [KG07, DH06, Kar06]. **stable** [Car02]. **stack** [KM03]. **stage** [ET01, YCL01]. **stages** [FB00]. **stalls** [BSN+06]. **standard** [BBK+03, YW06]. **Star** [MR06b, Fuj00a, HCH01, Res01, THWH01, HX08]. **star-coupled** [THWH01]. **State** [HBF09, JS09, Lom08b, Lom09, WAU+08, CS04, Hie04, PR00a, WDL+03, XP04]. **states** [PR00b]. **Static** [AAvdG03, PR04d, SGB08, ZL04, KH00, PR00c]. **Statistical** [GE08, GE09, JLJ07, PRB09, SMN07, ZX07, Hey03, NYC05, YECV02, YLH05]. **Statistically** [PCL06]. **statistics** [KJD02]. **steering** [BBM+03, MSMS04]. **Steganography** [HvAL09]. **Stepwise** [VVSA07]. **STI** [WKS+05]. **Stimuli** [FFJ+06]. **stimulus** [MK06]. **Stochastic** [BC01a, BC01b, KL09, JLN04, KDB+05, MO06, MB01]. **Storage** [HX08, KPJ+09, WWH+07, WYZ08, WYMG09, XW08, Xie08, AKS+03, CT03, HH04, LP06b, PR02c, RMB05, ZZ05]. **storage-based** [PR02c]. **Store** [TIVYL09, LBL01]. **stores** [LBL01]. **STORM** [FPFP06]. **storms** [TNS03]. **Strategies** [JVG07, LOP07, ZVT09, FN04, LLVA01, MPP+05, PvST02, ZXL02]. **Strategy** [ACPP08, QX08, XQ08, Xie08, YGL07, ZJ08, HMM06, KYY+03, Red03]. **Stream** [LX09, SSC03]. **streamed** [MWA+00]. **Streaming** [iM02, AVVY05, PCL06]. **Streams** [DVJP07, JS09, SCG08, WZ07, HHTH00, WZSP04]. **strided** [SE05]. **Stripe** [BP07]. **Striping** [BP09, Xie08]. **Striping-Aware** [BP09]. **Striping-Based** [Xie08]. **Strongly** [HC08a, HC08b, BCV01]. **Structural** [LO04]. **Structure** [LKTT08, GR04, Hia00]. **Structured** [DLT07, Xie08, Ros04, WH03]. **Structures** [FFLTM09, KN08, CCMS02, Hia02, Kag03, MRT01, SCZ01]. **Structuring** [BS08]. **Student** [Ano09f]. **Study** [BBGM08, KL08, TFCW07, NASR04, Pal05a]. **Studying** [CKS+08]. **style** [TJB03]. **subarrays** [JS06]. **subblock** [HL03]. **subcube** [CWC02]. **subcube-connected** [CWC02]. **Subject** [Ano00d, Ano01d, Ano02c]. **Sublinear** [DJJ+08, Lee12]. **Sublogarithmic** [HPS02]. **Subquadratic** [FH07b, FH07c, Sun04]. **subscribers** [TL02]. **Substitution** [JSW+06]. **subsumes** [LCK+01]. **Subtraction** [CCY00]. **Success** [FFJ+06]. **suffix** [BB05]. **Sum** [KHP00, Ano00c, LZ06, SB01]. **sum-of-products** [SB01]. **Sums** [BM08b]. **superblocks** [MEB01]. **Supercomputer** [MK07, Con00]. **supercomputing** [GW04]. **SuperGrid** [Kum00]. **Superscalar** [NBAR08, TW08, AGG06, GYA+03, KPEG04, PKEG04b, PKG06, ZK01]. **Supervisory** [PNRP04]. **supply** [HAK05]. **Support** [PMR02, PPB+07, TLS09, ZBI+07, ASF+01, BLAA01, DRC05, GT06, HMM06, HL00, JMH02, KCHS04, LCKR03, MPAS03, OM04, OBB+02, Sez04]. **Supporting** [CLE+07, HXW09, LLP09, WKS+05, AHS06, dALB03, RDH+01, THWH01]. **surveillance** [BP06, CIQC02]. **survey** [SdBF04]. **survivable** [HSU03].

Susceptibility [MBF+04, ORM07]. **Sustaining** [XL03]. **SW** [CK06]. **Switch** [BW03, Mha09, Sue09, FWC02, FLW03, FWCL06, IB00, SMSM01, SWCC00]. **Switched** [GBD07, MOK04]. **Switches** [GS09, JSW07, LS09a, PY09, HT00, JS06, MRS00, PY05a]. **switching** [HSY00, Pal05a, YCL01]. **symbol** [KF04, MT06]. **Symbolic** [PCR01, HB01a]. **Symmetric** [AGPP09, BKM07, KLCV08]. **symmetrical** [EKK04]. **symmetries** [Fal03]. **symmetry** [ASM06, HLM00]. **symposium** [Raj00]. **Synchro** [HBH05]. **Synchro-tokens** [HBH05]. **Synchronization** [CRJ07, HDQK09, LR06, LLA04, MYL+01]. **Synchronized** [Ksh07]. **Synchronous** [HSH01, SGB08, TPB+08, YRVS09, AK00, IM06, LFA04, PR00c, PR00b, PR02a, PR04c, PR06, TM00, XXF03]. **Synergy** [lFB07, CKS+06]. **Synonym** [QD08]. **Synthesis** [NPB07, ZW08, CT05, KGS00, LRJ00, MM04, NC03]. **Synthesizable** [WAU+08]. **System** [BCL07, FFLTM09, KL03b, LBP08, LX09, LP07, LF09, MDJM05, NASK+08, SHYV06, WZL08, ZSXZ07, ZCWZ08, ASF+01, Ali02, AS03c, BFP+06, BG05, CKBF03, CC03, CAK04, CT05, HCC+00, IC02, ICM03, KC01, LP06a, LwJKW03, LP01b, LP06b, LHLL06, MFC02, OM04, Par04, PEP06, SAJ02, SXZ+06, SLZ05a, SLL+00, SLS04, WAB+02, Wan04, XRR+02, YFKB04, WMZH02]. **System-Level** [BCL07, Ali02]. **system-on-a-chip** [CC03, IC02]. **system-on-chip** [ICM03, LP06a]. **Systematic** [BET07, HAH08, ZP01, ABD+04, PEP06, vdGT03]. **SystemC** [PF08]. **Systems** [AM08, ARSM07, AC09, Ano04c, Ano05f, Ano05c, Ano05d, Ano05e, Ano06e, Ano06c, Ano06d, Ano07g, Ano07i, BRC08, BGB08, BHS09, BVM07, CGS07, DZB08, DLL07, DRC05, GVB+09, GDM07, HC08b, HCL07, JG06, Kap09, KLCV08, KOA07, LP09, LJS+07, LML06, Mel07, MNR08, NKY08, OM07, PKCD07, PC07b, PL09a, PCG07, PPB+07, QX08, RC06, SMN07, SKK+09, SC06, ST08, VVSA07, WYZ08, WCLK09, XWC+08, XQ08, XW08, Xie08, YT07, ZB09, ZP08b, ASB03, AWY01, ACCL06, ABD+04, AFR02, AAS00, BLAA01, Bar04, BF06, BCF+03, BMO04, BFR01, BBR+06, BBL01, BFG01, BB04, CBS02, CBT05, Cao02, Car02, CT03, CMD05, DSK00, ET01, Fav06, FN04, Fet03, GL02, HKL01, HSY00, HKA01, HR02, HL02, HMM06, HL01, JR02, JLN04, KV02, KHM03, KGS00, KYY+03, KLA+03]. **systems** [KM06a, KOHC03, KBK03, KCHS04, KDB+05, KP03, KL03a, KL04, KH00, KL03b, LTCH05, LFA04, LSV00, LLS02b, LZ06, LMM00, dALB03, LCC02, LLA04, LO04, MT02, MAMMA03, MME04, MM04, MBF+04, MSM02, MB01, PMR02, PP06, PNRP04, PBWB00, RK03, RVJ+01, RG05, RL04, RKFTF03, RPH01, SdBF04, Sma03, SLG02, SFJ03, SWP04, Sto00, UB03, WH03, WKS+05, Wil01, WRJL05, XLN05, YBB00, ZWST03]. **Systems-on-a** [Ano04c]. **systems-on-a-chip** [BBR+06]. **Systems-on-Chip** [LML06, PPB+07]. **systems-on-chips** [HMM06]. **Systolic** [BSH09, CBC07, DH05, Alw06, LLL01, LHJL05, WG00, WWSH04, YS03].

t [CT09]. **t-Diagnosability** [CT09]. **Table** [Has00, JMH02, KB08b, WCKD04, dDT05, JPJ+04, KKKB05, LY01, LS05, SK04, XS02]. **Table-Based** [Has00]. **Tables** [ASMD07, KS07, MDJM05, LS04c, LS04b, LKS05, MGZ06, YL06a]. **Tags** [OS07]. **TAM** [SC07a]. **Tamper** [JSW+06]. **Tang** [Jha03]. **Target** [CLLL09, ZCWZ08, BP06, CIQC02, CSR04]. **Target-Oriented** [CLLL09]. **Task** [HLLR00, JG06, KL09, LLA04, QX08, XQ08, Bar05, Bar04, BF06, BKM+06, PC02a]. **task-level** [Bar05]. **Tasks**

[Ayd07, AZ09, BRC08, CHL09, GCS08, LZ07, MLB+09, PC07b, SL06, ASL04, AMMMA01, AMMMA04, BDBR05, CJ01, HSW03, LP00, LMM00, DS00, SWP04]. **Tate** [SKG09]. **taxonomy** [SDT04]. **Taylor** [CKA06]. **TC** [Ano04i, Ano04j, Ano09a]. **TCAM** [CS08a, ANPS07, Cha06, CWZL08, FN09, RMB05, WCKD04, ZCW+06]. **TCAM-Based** [CS08a, ANPS07, FN09, RMB05, ZCW+06]. **TCOT** [KPDS02]. **TCP** [CC02, LP07, WTL04]. **Team** [MRP+08, MRP+08]. **Team/Blue** [MRP+08]. **Technique** [AM08, CMS08, JP07, JPSR07, LLW07, LMW07, MKP06, TEG09, BBR+06, BW03, FLW03, KRCB01, MK06, SLS04, ZC05b]. **Techniques** [AFM+06, HY08, MDJM05, SAYN09, ACK+03, CU02, DKV+01, GBHL06, KL03a, KL04, LM00, PXK+02, WRJL05]. **Technologies** [Ano07d, CV08, LCCA02, Raj00]. **Technology** [OM07]. **telephone** [Lin01]. **telephony** [EGP03]. **Temperature** [CKS+08, HSS+08]. **Temperature-Aware** [HSS+08]. **Temporal** [Ksh07, WBW08, WHT09, Car03, KLA+03, THWH01, THW03]. **Teraflops** [Con00]. **Term** [FH07a, Mon05, VVSA07, WHT09, WK06]. **termination** [HHTH00]. **terms** [BCV01]. **Ternary** [KPP09]. **terrestrial** [ET01]. **TESH** [MJ02]. **Test** [Ano04c, BBD+08a, CC03, CKC+08, FFS02, GMSC09, IC02, ICM03, KKN07, LL09, LML06, LLWS08, MNR08, NKSG09, NTA08, Par00, RMPJ08, Voy05, VPG+08, WWC06, XPGP06, XLSF07, XCF07, Ano00c, BO03, BDG03, CN05, DCCS01, DU04, Fuj00b, FS00, Had05, HL05, HBH05, KTK06, KHP00, LP06a, MK06, NAH02, PR00a, PR00c, PR02a, PR02b, PR02c, PR04c, PR04b, PR04d, PGPZ00, RZ04, SCZ01, SGB00, XN06, YHIO02]. **Test-Data** [KKN07]. **Testability** [XPGP06, FFS02, XXF03]. **testable** [DM00b, NC03]. **tester** [ICM03]. **Testing** [AGPP09, CH06, GMSC09, Hie04, HSLN08, Imr07, LLPC04, MRP+08, MRT01, PY05b, RK07, SC07a, ZIPL00, BJHW00, HWI+02, KJD02, KPGX05, MDM04, Pie02b, PR00b, RTD00, SGB00]. **Tests** [DZB08, TGKL03, HvdG02, NR04, PR04d, PR06, vdGT03]. **text** [AT05]. **textile** [KM06a]. **textiles** [SMMMK03]. **th** [MBCP07]. **Their** [PPB+07, YRF08, Has01, MS03, SSST06, Sma03]. **them** [MDM04]. **theorem** [FCB04, BG08, CO09, YKLM03]. **Theoretic** [NH06, Par00, RG05, RTD00]. **theoretical** [CWC02]. **Theory** [PCC02, BK00, FWCL06, GL02, HR06, MRY06]. **Thermal** [HSS+08]. **Thinning** [Fan03b, WFP08]. **Thread** [MGT04]. **thread-level** [MGT04]. **threat** [MDS02]. **Three** [BBD+08b, ES00, FP09, FDBS05a, GPS05, YCL01]. **Three-Dimensional** [FP09]. **three-stage** [YCL01]. **Threshold** [BCGG00, gLMK07, CV00, GL02]. **Threshold-based** [BCGG00, GL02]. **Thresholds** [GCS08]. **Throttling** [LG06]. **Throttling-Based** [LG06]. **Throughput** [LA05, LX09, LMV+08, NBAR08, SGB08, TW08, BG05, HV06, MKA03, Ray06]. **Throughput-Buffering** [SGB08]. **Tight** [Par03, SW00]. **Time** [AM08, AC09, Ano05f, Ayd07, AZ09, BRC08, BWR+07, BGB08, BNRB09, BVM07, CHL09, CRJ07, DZB08, FSL07, JG06, JS09, LKSS06, MNR08, NASK+08, PC07b, SL06, SKK+09, SC06, TPB+08, THC+08, WCLK09, WZ07, WRJL05, WRJ07, XHLC08, ZB09, ZX07, AS00, Ali02, AHS06, ACCL06, AAS00, AMMMA01, AMMMA04, BCF+03, BO03, BBL01, BDBR05, BW03, BJHW00, CBS02, CBT05, CK05, CJ01, DSK00, ESE05, FZM00, GS00a, GCI06, HHTH00, HSH01, HSW03, HR02,

HL02, HL01, JR02, KHM03, KD02, KLA+03, KS00a, KDB+05, KL03a, KL04, KM00, KH00, KLS01, KYL02, KKK03, KCKC05, LSV00, LwLH02, LR04, Li05, LWRJ06, LKS03, LMM00, dALB03, LLA04, LHLL06, MAMMA03, MME04, DS00, NS03, Pal05b, PGK01, PP06, PV03, PBWB00, Raj00, RL04, Rho03, RPH01, SM00, SLS04, SWP04, TB03]. **time** [TSC+00, Voy05, WKS+05, WZSP04, XQ06, XR04, ZBC02]. **Time-Critical** [SC06]. **Time-Outs** [MNR08]. **Time-Shared** [BGB08]. **time-triggered** [KHM03, PP06]. **Time/utility** [WRJL05]. **Timed** [CUT00, MNR08, Fet03, HSH01, LMS04, WAB+02, YFKB04, ZBC02, LMS02]. **timed-token** [HSH01]. **timely** [VC02]. **timeout** [KPDS02]. **timeout-based** [KPDS02]. **timer** [KBK03]. **Times** [Ano05f, CBT05, LZ06, PR02a, TL02]. **timestamp** [LLSC02]. **timewheel** [MFC02]. **Timing** [CNG+09, gLMK07, RPH01, UBWF08, YRF08, HL01]. **Timing-Centric** [CNG+09]. **TLB** [Sez04]. **TLBs** [JM01, JJ06]. **TLM** [PF08]. **TMR** [GS00a]. **Token** [GS09, HSH01, LMS04, ZBC02, LMS02]. **Token-Ring** [GS09]. **tokens** [HBH05]. **Tolerance** [Ano04e, BK06, LMM00, SMS07, CSR04, Con00, GNF+06, KS00a, PG01, YOC+01]. **tolerances** [TGKL03]. **Tolerant** [CWC07, CL09, HY08, KL08, MP09, TFH07, XZP09, ZVT09, Car02, CLF05, Dat05, FN04, GS00a, Gro04, HSW03, HS04, HT00, IO03, KKP00, KI04, dALB03, LWG01, LDH06, MP03, MKBG00, PS03, RKFTF03, Tsu00, Tze02a, Tze02b, Wan03, WDL+03, Wu03, XRR+02, YW04a, YJMS05, Zha02]. **Tolerating** [FB00, FS07, QD04, FDBS05a, FDBS05b]. **Tool** [CKS+08, Fal03]. **tools** [Rya04]. **topologies** [AN05]. **Topology** [CCS+04, PGVB08, XT02, Zac06]. **tori** [WT00, YW01]. **Toroidal** [MBS+08]. **torus** [AE00]. **totally** [Pie02a]. **Toueg** [HMR02]. **tower** [BS04]. **TPF** [LP07]. **TPG** [Kag03]. **Trace** [RLPV05, BGJ+05, JHZ01, LY02b, LJ04]. **trace-compression** [BGJ+05]. **Traces** [SG07, YJ06]. **tracing** [NR04]. **Track** [BF08, OMG07, HT00]. **Tracking** [LKTT08, NASK+08, ZCWZ08]. **Tractable** [PF08]. **Trade** [KPJ+09, LCLV08, SGB08, YSLH07, Fan03a, HV06, MEB01, PGJ+05, SD06]. **Trade-Off** [SGB08]. **Trade-Offs** [KPJ+09, LCLV08, YSLH07, HV06, MEB01, PGJ+05, SD06]. **trading** [RB05]. **Traffic** [LHC+08, MS09, OMG07, MOK04, SAOKM01]. **Traffic-Balanced** [LHC+08]. **trails** [YECV02]. **transaction** [KPDS02, KH00, LLSC02, YY01]. **Transactions** [Pra06b, LwLH02, XR04]. **Transfer** [LMW07, CS04, Tze04]. **Transform** [BP07, NZ07, ZR07, Biq05, Che04, JSD01, RZ04]. **transformation** [BK00, KRCB01, VPR04, YHIO02]. **transformations** [HPH+04, KPDS01, PDS04]. **transformed** [GD03]. **transforms** [LPS00, RN04]. **Transient** [BSPG08, Car04, ORM07, BCGG00, LMM00, MFR00]. **transit** [FLM+03]. **Transition** [NTA08]. **translation** [EAGS01, JJ06]. **Transmission** [KM07, KB08a, TB03, ZYZ09, CRL00]. **Transparent** [KHM03]. **Transport** [CLV05, GBD07]. **transposition** [SP02]. **Transversal** [BF08]. **traps** [QD04]. **Traversal** [WH06, PR04a]. **Tree** [CY09, DLT07, HAH08, HXW09, JVG07, LKTT08, NHSC07, VW05, DV04, Kar06, KNS01, LS05, Lu05, MYL+01, Res01]. **tree-based** [KNS01, MYL+01]. **Tree-Structured** [DLT07]. **Trees** [CL07, LS04b]. **Triangular** [MY07]. **Trie** [KS07]. **Tries** [LS08, LS09b]. **Trigger** [HSLN08]. **Triggered**

[TPB+08, KHM03, PP06]. **Trinomials** [RHMLL08, FD05, IST06]. **Triple** [HX08]. **True** [HBF09, SMS07]. **truly** [BGL+03]. **Truncated** [RC06]. **truth** [TN00]. **Tunable** [SAYN09, XQ08, BABD03]. **Tuple** [BCdSFL09]. **turn** [Wu03]. **Two** [AD08, KKK03, MMPT08, MTHA08, TFH07, ZMY08, Ano06f, BSN+06, CHL01, DSK00, ET01, LPS00, NASR04, ORM05, Pie02b, TSP00, WFMSW00, XN06]. **Two-Dimensional** [AD08, CHL01, LPS00, TSP00]. **Two-Disk** [TFH07]. **Two-Layered** [ZMY08]. **two-level** [WFMSW00]. **two-pass** [BSN+06]. **two-pattern** [XN06]. **Two-Rail** [MTHA08, ORM05, Pie02b]. **Two-version** [KKK03]. **type** [SK01].

Ubiquitous [NASK+08]. **UCFS** [WMZH02]. **ultra** [CDV+05]. **ultra-low** [CDV+05]. **UML** [WAU+08]. **Unattended** [DMS+09, MY07]. **unauthorized** [PR04a]. **Unaware** [JVG07]. **uncertain** [TSC+00]. **Understanding** [ML00]. **unfolded** [WK03]. **Unidirectional** [ABT07, BET07, DH05, EB09, Tal05]. **Unified** [ALB00, JP07, NKY08, VKI+03]. **uniform** [BG03, BFG03, HL02]. **unifying** [CSS02, LMS02]. **Unimodal** [WRJ07]. **Uniprocessor** [JM01, Uht05, KCHS04]. **Unit** [DT05, KK09, LN07, Har04]. **Unithreaded** [RLJ+09]. **Units** [HW07, SBPV07, XPGP06, Car03, EP00, KC01, PKR04]. **Universal** [AT05, BK00, LPAM04, Sue09, Ano00c, FWC02, KHP00, KYS05, RZ04, SWCC00]. **universally** [Tze04]. **Unix** [KBK03]. **Unix-based** [KBK03]. **unknown** [PKR04]. **Unknowns** [WBW08]. **unreliable** [HMR02, LFA04]. **Unroll** [KMPE02]. **Unroll-based** [KMPE02]. **unsafe** [TPT06]. **Unsorted** [Imr07]. **unstructured** [XLN05]. **Updatable** [SHR08]. **Update** [WCKD04, LY01, LCCA02, XR04]. **Updates** [Cha09a, SHR08]. **upgrading** [TTA+02]. **upon** [BFG03]. **Upper** [TK07, HLM00, Par03]. **usable** [Tze04]. **Use** [CL06, SZZ09, DK04, PR00b, TSD01]. **used** [LCK+01]. **useful** [SM03]. **User** [ASB03, OM07, GL03, SD06, WH02, WMZH02]. **user-friendly** [WH02]. **User-level** [ASB03, SD06]. **User-space** [WMZH02]. **uses** [RSQL03]. **Using** [BIN06, BSH09, BM08b, CO09, CT09, CHA+09b, ELMT00, EBPG06, FH07c, GR07, HR02, HWW07, HCL07, HSS+08, JSM09, JSW+06, KPJ+09, KDM+09, KJM+09, Ksh07, LLWS08, LS08, MGZ06, MR06a, MP09, MRL06, MDJM05, NWA08, PB07a, PAW07, PCH06, POMB05, RMH06, Rho03, SNB07, SG07, SAT09, SHR08, SLZ05b, VVSA07, WLS09, XCF07, Yan08, ZCWZ08, ZVT09, BDG03, BD05, Car04, CC03, CCK00, CAK04, CHC05, CH06, CN03, CLW+03, DHH+06, DLBS03, EVN03, GS00a, GRV05, HR06, HAK05, HLM00, Hie04, HSU03, HL01, JPEJ06, JMH02, KM06a, KB03, KJD02, KSL05, KS00b, LVLL06, LCCA02, OPZ00, PS04, PR02a, PKR04, Ray06, RMH03b, RM06, SAKR03, TYT01, Tsu00, VPR04, VKI+03, Wu02a, WHBG02, YW04b, YOC+01, ZL04]. **Utility** [BWR+07, CRJ06, WRJ07, LWRJ06, WRJL05]. **Utilization** [CMK03, WCLK09, ASL04, Bar04, LSP04].

V [FZM00]. **V-NET** [FZM00]. **Validating** [SMBS06]. **Validation** [Ano04d, Har06, SHYV06, Con00, LLSC02]. **Value** [LG09, MKP06, TSS08, BZ02, yFBC03, GG01, HL00, HL03, LY01, LY02b, LBL01, MGT04, ZL04, ZC05a]. **valued** [DM00b, SAJ02]. **Values** [BSPG08, Imr07, LLWS08, PKR04, TN00]. **Variable** [Ano05f, BWR+07, LCKR03, SS00, SLZ05b, CBT05, NYC05, TMD05]. **Variable-Precision** [SS00]. **variables** [RSM+05]. **variance** [LSV00]. **Variation** [MWK+09, NBAR08, SC07b].

Variation-Aware [NBAR08]. **variational** [LML01]. **VC** [CCK00]. **Vector** [DT05, KK09, NKY08, VPG+08, PR02b, TK00, Voy05]. **Vector/SIMD** [DT05]. **Vectoring** [ALB00]. **Vectors** [RMPJ08, Had05, KR01, RZ04, SE05]. **velocity** [PXK+02]. **Verifiable** [FSL07]. **Verification** [AC09, CL06, CKA06, FFP07, JPSR07, SG07, VVSA07, ZMM07, NC01, RZ04, WH02]. **Verified** [BDL09, DLM09]. **versatile** [FZM00, HW00, HMR02]. **version** [KKK03, Mis06]. **versus** [HTKL08, WPP05, YSLH07]. **Vertical** [LF09]. **vertices** [CHL01]. **Very** [ALB00, CCY00, KJM+09, ML01]. **Very-High** [ALB00, ML01]. **VHDL** [Gho01, KHB02, SAKR03, WAU+08]. **via** [CLV05, DN06, MS02, SXZ+06, ZMM07, ZC05a, ZL07]. **video** [AWY01, CT03, GW04, GL02, KHRR02]. **video-on-demand** [AWY01, GL02]. **View** [Kap09]. **Violation** [Ano04h, DGZA03]. **Virtual** [KJM+09, QD08, TEG09, JM01, PY05a]. **Virtualization** [SAT09, ZSXZ07]. **Virtualizing** [OM04]. **visibility** [CPN+06]. **Vista** [OM07]. **Visualization** [WGZ+08]. **Viterbi** [Thi00]. **VLIW** [CS00, GSG05, JBV+05, LLVA01]. **VLSI** [AS03a, AS03b, Che04, DN05, HAK05, HW00, HL05, HSLN08, JS06, JSW07, KPDS01, Low00, PKM00, SK02, TK00]. **VLSI/WSI** [Low00]. **Voice** [HWW07]. **VoIP** [DLBS03, LCCA02, SCG08]. **Voltage** [HASL07, KL03a, KL04, VAZSR07, ZX07, Bar05, LS04a, PP06]. **Voltage-clock-scaling** [KL03a, KL04]. **voltages** [HAK05]. **Volume** [XLSF07, BO03, ICM03]. **Voting** [PH08]. **VPC** [BGJ+05, KJM+09]. **Vulnerability** [PR04a].

Wait [CRJ07, PHA06]. **Wait-Free** [CRJ07, PHA06]. **Wake** [CH07a]. **Wake-Up** [CH07a]. **Walk** [ZSS08]. **Walsh** [JSD01]. **wave** [MSMS04, SCZ01]. **wavelength** [YW04b, ZY06]. **wavelet** [Che04, RN04]. **way** [LJ01]. **WDDL** [GSH+08]. **WDM** [RDH+01, YW04b, ZY06]. **WDMA** [THWH01]. **WDMA-based** [THWH01]. **weak** [JZ05]. **Weakly** [BBL01, CKBF03]. **Wearable** [Sma03, ABD+04, MS03]. **Web** [BDK+02, CP02, CKDS02, HASL07, PvST02, SX09, TC02, WMZH02, WX06, WK06, XL03]. **Weight** [CH07b, KGB05, PB04]. **Weighted** [XCF07, YOC+01]. **well** [BFG01]. **well-conditioned** [BFG01]. **Wheeler** [BK00, YHIO02]. **which** [MT06]. **whole** [XV04]. **whole-program** [XV04]. **Wide** [CLE+07, WGZ+08, CD04, CYL01, LY01]. **Wide-Area** [WGZ+08]. **wide-issue** [LY01]. **wideband** [KL03b]. **Width** [LV07, TK07, VT09, Jha03]. **WiMax** [SCG08]. **Window** [WZ07, SSST06, WZSP04]. **Window-Constrained** [WZ07, WZSP04]. **windows** [RSM+05, OM07]. **Wire** [FN09]. **Wire-Speed** [FN09]. **Wireless** [AD08, CX07, DMS+09, ICRSR+09, KM07, KLT07, LCL07, LSS09, LLP09, LKTT08, LX07, LLLD06, MS09, NH06, PH08, PKCD07, RM09, WFP08, WHT09, WDY08, ZYZ09, ZW08, dOBNL09, CDV+05, CLF05, CCS+04, DLBS03, Dat05, EGP03, ET01, Fan02, Fan03a, Fan03b, GCI06, KI04, LLC02a, LWF03, LT03, LLC03, LDH06, PS05, PS06a, SC05, TL02, TNS03, Wan04, WD04, ZC05b]. **wireless-sensor** [SC05]. **wiring** [FML03]. **Within** [NBAR08]. **Within-Die** [NBAR08]. **Without** [Kah04, JM01, MYL+01, WCKD04]. **Won't** [MRM07]. **Wooley** [VT09]. **Word** [CCY00, Voy08, RMH05, vdGT03]. **Word-Length** [CCY00]. **word-level** [RMH05]. **Word-Organized** [Voy08]. **word-oriented** [vdGT03]. **Wordlength**

[Fio08, WKJ07]. **workload** [BLCA02]. **Workloads** [JLJ07, JZ05]. **works** [Rya04]. **workstation** [CJDM01]. **wormhole** [HS04, MOK04, SAOKM01, Sch01, SW00, WT00]. **wormhole-routed** [SAOKM01, WT00]. **wormhole-switched** [MOK04]. **Worms** [SS09a]. **Worst** [CC07, SB01, SLZ05b, YD09, ESE05]. **Worst-Case** [CC07, YD09, ESE05]. **worth** [DSK00]. **Write** [KPJ+09, WH03]. **Writes** [BP07]. **wrong** [MKAP05]. **wrong-path** [MKAP05]. **WSI** [Low00].

x [LL09, WBW08]. **X-Block** [WBW08]. **Xen** [GCN+09]. **Xen-Based** [GCN+09]. **XOR** [VD05]. **XOR-based** [VD05]. **XPAND** [MK06].

year [Ano06f]. **yield** [KK00a, MJ02, MP03]. **yielding** [GMQS02].

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