A Complete Bibliography of Publications in *Future Generation Computer Systems*: 1984–2009

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10 June 2022
Version 3.00

Title word cross-reference

10 [ABB+03]. 16 [Goo01]. 2 [CEGL01, HvHAS04, JNR01, NCS04, RBS93, VAS95]. 3 [CH95, EMB98, EdBG+99, IdLR01, JHL+06, KCK04, Kni89, KA88, MJ98, MJ06, RICW00, SGL99, WKF03, XYZ05, YMM00]. 4 [Avg00, DMM+99]. **$47.50** [Teb86]. ^{2} [LG08, OSCY93, ZY04]. $^{\text{my}}$ [DGS09]. D [PP06, SW02]. D_2 [DRS04]. $\operatorname{diam}\log(\operatorname{diam})$ [SW02]. ℓ_1 [Tre03]. k [Pan95b, SAKOK03]. λ [LJY04]. $\mathcal{AVISPA}$ [BGC+03]. μ [JD94]. N [Ref87, SvAS01, Pan95b, SAKOK03]. R [CPK05].

-ary [Pan95b, SAKOK03]. **-body** [SvAS01]. **-cube** [Pan95b]. **-cubes** [SAKOK03]. **-D** [Kni89, KA88, RBS93]. **-dimensional** [SW02]. **-Expression** [Ref87]. **-opt** [VAS95]. **-orthogonal** [PP06]. **-phase** [CEGL01].

.NET [AW03].

06 [Igl07].

1 [LF95a, Sap88]. **10** [MGH+05]. **100** [SW06]. **1000** [SSMG95]. **123** [vdR86b]. **1983** [Ano84k]. **1986** [Zad87]. **1989** [Hul89]. **1990/91** [Ano91a]. **1991/92** [Ano92a, Ano92h]. **1997** [HB98]. **1998** [Lid99]. **1999** [Wil00].

2 [BT93, BP94, FHG95a, HBJ+03, LM90b, Mal94, Por95]. **2001** [LBR02]. **2002** [DBdL03, GGH+03]. **2005** [SDBdL06]. **21st**

[Mar98b, Mar98a]. **2nd** [Ano86h].

3 [YTHY84]. **3/512** [Cro95]. **3P** [CGSZ95].

4 [KSY92]. **4K** [SST+06, SKF+09].

512 [Cro95]. **57.50** [vdR87f]. **5th** [BYV+09].

6000 [BBSV92].

7th [BGL08].

84 [Ano84e]. **'85** [Ano85a]. **'86** [Ano87j]. **860** [FHG95a, FHG95b].

90s [Dub91]. **92** [GD93a]. **'97** [Kaa98].

AAA [GdLvOT03, KKK07]. **Aachen** [BLB03]. **ability** [PIKM02]. **Abstract** [CPB00, DHS00b, Ném00, AC92, BM00, DDV92, DHS00a, DK00, WG00, dB90]. **abstraction** [KSM+07a, KSM+07b, MRV01]. **abstractions** [Kea99]. **Academic** [Teb86, vdR87f, vdR87i]. **Accelerating** [VBLS09]. **acceleration** [VF01]. **Access** [BX04, WZC08, AS99, ABF+03, BCW01, CC98, DAM08, Doḡ09, FX07, LHC03, PSVL02, PH07, Sin07, Wah84, Wal86, WC06b, WC06a, ZMN99]. **accessibility** [DFG+00]. **accident** [MCA02]. **accounting** [PGPW09, SRG+03]. **accurate** [BBL+05, KSAOK08]. **achieve** [CWD04]. **achievements** [Ano87j, Nis93]. **Achieving** [GE90, LSLS05, HRJ+06]. **Acknowledgement** [Ano07, Ano08]. **ACM** [BGL08]. **across** [BCPS03, PBC+01, Sin07]. **action** [Cad86, GdBW06, KFP+02, vVDBB98]. **Activated** [SHJ06]. **Active** [BBG+05, CKK+04, BGL+05, HC99, MTKS00]. **activities** [vdR87l]. **ad** [GR07, LBYL08, LM07, MV09, SM01a]. **ad-hoc** [LM07, MV09]. **adaptability** [MC04]. **adaptable** [GL04b]. **adaptation** [Reu03a, SGH+08]. **adapted** [JLU03]. **Adapting** [AG05]. **Adaption** [SLS+09, FM01]. **Adaptive** [Aba06a, ABF93, FN00, GRH05, NP03, Aba09, AS02, BMRW01, CST92, CS05, Cho04, DZ04, HWZL08, HJK+04, KSAOK03, KSAOK08, KU01, LSTV07, NWE04, RSR01, SLW01, TSK03, VR05]. **adaptivity** [SOR05]. **Addison** [Zem86, vdR87g]. **Addison-Wesley** [vdR87g]. **address** [DL00, SVC+07]. **addressable** [De 88]. **addressing** [DvdHdL06]. **ADIC** [HNS05]. **Adjoint** [GKS05, HHG05]. **Adjusting** [YYW+09]. **adjustment** [HPLL09, LNJ04]. **administration** [MSLP93]. **administrator** [HY09]. **admission** [KLM+03, SMA08]. **advance** [CFG+05, ET08]. **Advanced** [Gil85b, SZGbC04, ADT03, Ben99, Hab05, KKL09a, Mam09, NHG02, NHG03, Ano84a, CMZ95, EGK+07]. **Advances** [vdR87b, vdR87a]. **Advertisement** [Ano05e]. **aerodynamic** [BBC+99, LKG08]. **Aerospace** [LPC+95, Mur95, Pet89]. **AFCET** [Ano85a]. **AFCET-Informatique** [Ano85a]. **after** [BORM07]. **agency** [NTN86]. **Agent** [FR08, TA96, CTT+08b, HB08, LL03, MJ00, NWE04, PSA+09, FM08, Gra92, LWHS07, NMC05]. **agent-based** [CTT+08b, HB08, MJ00, NMC05]. **agents** [AMH02, CWD04, CSJN05, ESPP01, GWO03, HQ07, KRLR01, Sch00, UTT00, BMS05, WLB00]. **aggregates** [NCS04]. **agreement** [LM07, LKA+08, YKL+07]. **agreements** [BSCC06, LJW08]. **agriculture** [KH89]. **ai** [Pud87, Fuc93, Lau92, MJ00, Oku92, Poh87, TC92]. **AI-based** [Lau92]. **Aided** [dRSBH94]. **airborne** [HYS04]. **airfoil** [BBL+05, GKS05]. **Airport** [RdSH+00]. **AIV** [AFPG91, AFP+92]. **AKL** [HJP92]. **Albatross** [KBM+02]. **algebra** [BFR05, BCG05, Dal03, DHD89, Igl07,

Lop03, PH94, vdV89a]. **algebraic** [SSC04]. **Algorithm** [ABF93, VSvD95, Aba06a, CCL09, DS04c, ESFD06, GKIZ05, Ger02, HZC+08, HHS98, HM98, JM01, LCP04, LKG07, LYQ06, LLWN04, LLZ07, LD04, Mar02, MP02, MVS00, NP06, OVDV98, Par04, RICW00, SK04, Sch03, SMA08, SCK+00, SO98, SVB07, TMT+07, VAS95, SMI01]. **Algorithmic** [CCG07, Hab05, Yos89]. **Algorithms** [ABMS05, Ber06, DHD89, AT01, BPS06, CFG93, DE03, DP03a, DQ97, DRNMC09, Din99, Doḡ09, DMW04, DBT00, DDS00, ET08, Fio06, GRH05, GJS+94, GODM98, GA06, HLvL+97, HV03, JS89, KKP+05, LR01, LKG08, LC01, ST99, TLYT05, YJA03, LOJ+07]. **Alignment** [MFE+08, CS05, KSM+07a, KSM+07b, Sch01, YD05]. **all-by-all** [BORM07]. **all-optical** [Pal06]. **Allocation** [DFC+08, HPLL08, LL04c, VDPHS09, Vau93, WCC+09, YBQ07, YYW+09]. **almost** [LD04]. **Alternative** [BDL06, DFT92]. **Alvey** [Ano84a]. **Alzheimer** [KKP+05]. **ameboid** [Len01]. **among** [ELvD+96]. **amorphous** [Ole07]. **amount** [PCB99]. **AMPIC** [CCHW03]. **amplified** [SLDK03]. **AMROEBA** [MGYC06]. **Amsterdam** [vdR87c, vdR87e, Ano86i, Ano87b, Ano87c, Ano87l, Baa87]. **Analysis** [SAKOK03, SGY+07, AS02, ABB+03, AMW99, ABK94, BCT+07, BPP+07, BPS+03, CP06, Cho04, DDL01, Fah98, Fio06, GI07, GL05, HNP05, HKM+06, HJK+04, JAA09, JSS+99, KZLK06, KN06, KV03, KU01, LOK09, LGMV02, MOK06, MLZ+00, NJW+06, PH07, Qin07, RL98, SOR05, SLS+09, SK06, TBNF09, VBLS09, WSS+09, WBF08, Yam89, ZWJ04]. **Analytical** [JAA07, ZY04, KSAOK03]. **analyze** [BPAP92]. **Analyzing** [AT01]. **and-or** [GC94]. **AND-parallelism** [ZS90]. **anddata** [CC98]. **anddata-parallel** [CC98]. **ANEJOS** [SM01a]. **aneurism** [HORC04]. **angiographic** [RICW00]. **animal** [Mor01]. **animation** [NMA00]. **animations** [DK00]. **anisotropic** [KZC04]. **Annealing** [GODM98, VSvD95, SZ98]. **Annealing-based** [GODM98]. **Announcement** [Ano84b, Ano87a, Ano93b]. **announcements** [Ano93c]. **anonymity** [Opp00]. **Ant** [DBT00, DDS00, SH00, TRFR01, CCL09, DS04c, MCA02, Gut00, PW09]. **Antipolis** [Zna94]. **ants** [MVS00, MC00, WLB00]. **AnyLogic** [BKK02]. **apicalis** [MVS00]. **appears** [Hen87]. **Application** [BHRT98, DRNMC09, JNR01, NB04, PKC+05, SBA+05, TKT+08, YWA+89, ASTEP98, AKPN01, ABB+03, BMS05, BMFC07, CGSZ95, CW93, CDRS05, DDV92, DF97, DR05, Gra92, Hab05, Hir89, LW08, Low05, MM03, PO00, PPJ95, RRS99, SM03, SAMN02, SGdMM96, Sin92, SLS+09, SLZ95, WBF08, BBC+99, MS01, YPF05]. **application-specific** [DR05, WBF08]. **Applications** [Ano86i, CHK98, CSP98, DDM+08, KLM+05, dRSBH94, AW03, AB01, ATJMZ02, AD00, Ano87b, BMRW01, BBFW03, Ben99, BPS06, BB06, BKSS02, BLAV06, BCW01, BCG05, BFK02, BFW+03, BGK+05, Büc05b, Car03, CSW06, CBK+01, CMZ95, CCHW03, CN98, CRM05, DZ98, DHB02, DMG+08, DFG+00, Dub91, EMB98, EO86, FHM+99, FS07, FdSC07, GHWZ94, Gil85a, GMA07, GMB+05, GVD+03, HY09, HRSW99, Hua05, Hum92, HMC06, Igl07, KT08, KA09, KZLK06, KST92, KS02, KMK09, KB00, KKP00, KB09b, LB03, LC04, LS08, Luk00, MTNM08, MWC+03, Mam09, MVRM08, MZC08, MLD08, MVT+99, MM08, MTH+05, MLZ+00, NHG06, OS01, Pal06, Par94, PBHK01, PA01b, Pro07, RBS93, SBHD08, SG05, Ser95, SY04, SD06, SL97, SPM86, SLJ+06, SSC04, SPEW09, SSK+08, SSMG95, TJLT00, WS05]. **applications** [WL05, YHJC05, YLC+06,

ZBB09, dKdOS03, vdR87c, vdR87d]. **applicative** [OBK88]. **applied** [KG01, Szu98, WAE06]. **Applying** [CFVP03, UB07, ACML05, NWE04, OCdAM07]. **Appraisal** [Tic93, vdR93b]. **approach** [AEGF+01, AGP+92, Ale97, BP01, BRS04, BAC02, BCPS03, BVDF00, CPK05, CM99, Del06, DS00, DAM08, DC00, ED04, GKIZ05, HAAH05, HBH09, Hol93, KA08, Li90, LC05, LGMV02, MD92a, MCT+09, MZC08, McC96, MLD08, MC04, NSP07, Nos98, PPJ95, PA01b, SB97, TC92, Var03, Vau93, VGBLGS+06, Ven08, Yos89, ZS90, ZL04b]. **Approaches** [HXL90, BDL06, DL03, Hab05, Meu05, Pet95, STP+05, ZZN04]. **approximate** [MM03]. **approximating** [SK04]. **Approximation** [Tho06, Tab06]. **approximations** [Gue01]. **architect** [GLSV07]. **Architectural** [GS95, Niw89, SSK+08]. **Architecture** [FP03, Ger02, Her84, HKT94, RSRV88, AKB+01, AG92, AGP+92, AMW99, BBG+05, Bhu95, BGL+05, CST91, CDF+05, CBK+01, CS96, ES94, GD05, HHS98, HO02, HML07, HML09, Kat04, KLH+04, KKK07, Kim07a, Kim07b, Kob92, KGLA85, LG08, LHL03, MH01, Mar90, MHA08, MPPM09, Mur88, Ném00, OBK88, OFT09, PO00, Par06, PSR+07, PSA+09, PSS01, SA07, SZC05, SSS02, SD03, SHJ06, TJLT00, YCX05, GMEL08]. **Architectures** [HV84, Pfi99, BFLL99, BSCC06, BW95, BSG+05, CG09, Din91, Gil85b, Her87, JBA94, Kun94, Lop96, Lop93, MSLP93, SGdMM96, TR85, UWV92, WBT05, ZMN99, vM94]. **archive** [Fin99, GML99, ILJ+08]. **archives** [AMW99, HC99, SB99]. **archiving** [PCM99]. **Ardent** [LM90b]. **area** [GGH+06, GGSZ09, LRJ+06, LWSC07, OS01, PSVL02, RRS99, VBLS09, vdR87l]. **areas** [Hab05]. **arguing** [Sch00]. **Argument** [SWCL95]. **ARIANE** [BPAP92]. **ARIANEXPERT** [BPAP92]. **Arigatoni** [CCL08]. **arithmetic** [FGG03]. **Armada** [OK02]. **arms** [Poh87]. **Arranging** [Leo98]. **Array** [CCKW88, VV92, Mur88, Pan95a, PHL98]. **arrays** [Dui89, EFD00, Van92]. **ARS** [TSK03]. **art** [Van87b, VLC03]. **arterial** [DIK+06]. **arthroscopic** [WWSM98]. **Artificial** [All92, Ano84e, Kow85, Sch85, vdR87a, Ano86l, ED04, EO86, How91, JL98, KRLR01, Kow84, Lop96, Niw89, RBC+88, Wii84, ZZN04, vdR87b, Ano87b, Ano87c, vdR87c]. **Arts** [BHD09]. **ary** [Pan95b, SAKOK03]. **aspects** [BCPS03, LLRS94, Lop03, RGH+01, vdV89b]. **ASPEN** [LM90a]. **Assembly** [KM01]. **Assessment** [PM04, MLZ+00, ZL04b]. **assignment** [LHC03, MC00, RN01, THKG98, TRFR01, Var03]. **ASSIST** [Ueh89]. **assistance** [Ohy89, SOR05, Tak89b, TD95]. **assistant** [KFF89]. **assisted** [LKG08]. **association** [SA97]. **Associative** [CC98, NSI84, Ami90, WGL92]. **Astronomical** [SB99, GML99, OFO+99]. **astronomy** [HJPS03, PCM99, SLJ+06]. **astrophysical** [RBS93]. **astrophysics** [MGYC06, BAD+05]. **asymptotically** [CKR04]. **Asynchronous** [SM01b, AT01, DOV01, ESFD06, MMR02, Pap05]. **ATLAS** [KMCH03, Uch86]. **ATM** [MK04]. **Atmospheric** [AKMK05]. **atomic** [Tor04, OB04]. **Atomicity** [WLF+09]. **ATOP** [SGH+08]. **ATOP-Grid** [SGH+08]. **ATOS** [Lau92]. **ATREX** [Tak89a]. **attempt** [SLZ95]. **Attractor** [Ami90]. **Attribute** [KH97, SH90, GGM+09, SHLB08]. **attribute-based** [GGM+09]. **attributes** [VLK09]. **audiences** [PNH99]. **audio** [MSK03]. **audiovisual** [VWD+08]. **Auditing** [SK97, BSCC06]. **augmented** [BB04]. **AUGUSTUS** [SLS+09]. **Authentication** [BDFP05, LHL03, MR00]. **Authenticity** [CBD+05]. **Author**

[Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano93a, Ano94a, Ano94b, Ano95a, Ano98a, Ano01a, Ano02a, Ano03a, Ano04a]. **authoring** [Tak05]. **authorities** [HWW04]. **Authorization** [GdLvOT03, ACC+05b, GXD+09, GGM+09, LC05]. **Automata** [TS99, BMPS01, Ban02a, Ban05, Bog99, CM99, DS99, FW02, GZ04, HRSW99, JM02, KCT99, Mar02, Ser98, ST99, TSZP99, Wor99, BP02, CDRS05, PIKM02]. **automate** [TC92]. **Automated** [Bea03, FM01, Sti93]. **Automatic** [Büc05b, Kom89b, MHA09, Reu03a, Röb05, AC01, Büc05a, Fau05, HNP05, HHG05, HNS05, SK04, SBLT05]. **Automating** [BJA+05, MH01]. **automation** [DDV92]. **automaton** [Ban02b, DDL01, SKT02]. **Automobile** [Tak89a]. **Autonomic** [LG08, BJWZ08, FS07, FLPP05]. **Autonomous** [YKL+07]. **Autopilot** [RSR01]. **Autostereoscopic** [PSG+06]. **availability** [BCB+07, CBD+05, KFC+07, LSLS05, LVH08]. **available** [Din03]. **Avatar** [GC00]. **avoid** [GL05]. **AVS** [WKF03]. **AVS/Express** [WKF03]. **aware** [HZC+08, HY09, KB09a, MMVV08, Pal09, PKC04, PSR+07, CG09]. **axisymmetric** [CASW05, de 94].

B [Zem86, vdR87e, IEG04]. **B-spline** [IEG04]. **back** [GKIZ05]. **Backbones** [Sch03]. **Backplane** [BBM+03]. **backplanes** [Mam09]. **backpropagation** [JL98, RM97]. **bad** [WBT+08]. **bag** [WL05, DFC+08]. **bag-of-tasks** [WL05]. **balanced** [CCL09, DL03]. **Balancing** [OSHH96, dRSS97, ADOKM06, BCMR01, BM08, BL02, CSJN05, CY01, Cho04, KNK+08, KMK09, LYMZ09, MM03, PGSM05, Qin07, SB97, SMA08, ZMS+06]. **balls** [LGMV02]. **Bandwidth** [VS04, CGL08, CALN03, NF07, PBHK01]. **banking** [GPA00]. **banks** [ABCD00]. **barrier** [Pan95b, SO98]. **Base** [BMFC07, Nis93, ZY90, vdR87l]. **Based** [GSD95, YTHY84, ÅO06, ADM06, AMH02, AAC04, ADOKM06, ATJMZ02, AMW99, AB95, Ano86j, AN08, BvdBM+93, BMPS01, BP02, BMFC07, BP01, BKG05, BGH+03, BKSS02, BRMN04, BS09, Boa04, BPAP92, Bru01, BCB+07, CSC+05, CYLT05, CdCD07, CBK+01, CO03, CEGL01, CKK+04, CGH04, CTT+08b, CY90, CY88, CSC+92, DSS98, DVVD02, DE03, DMM+99, DMG+08, DCK03, DS08, DT93, DRNMC09, DV03, DR03, Dör05, DS04c, ET08, EO86, EGAQ09, FMS08a, FMR05, FLPP05, FW02, FCW01, GHWZ94, GODM98, GMC03, GdLvOT03, GBE00, Gra01, GGM+09, GWO03, GZ04, Gut00, Hal88, HZC+08, HB08, HAFF99, HAF00, HJS+99, HHS98, HBH09, Hol93, HYS04, How91, HPLL08, HMC06, IMKB89, JLU03, JFDF09, JCSS01, JC09, KG01, KFF89, KA08, KCK04, KN06, KKV+99, KB00, KLSS05, KY04, Lau92, Lee04, LKG07, LLKF09]. **based** [Leo01, LRW01, LB09, LY90a, LM07, LHB95, LW08, LKA+08, LJPS05, LLZ07, LS01, LC03, LLSR02, LSF+94, LMH+09, Mae89, MPH00, MCSS00, MVRM08, MJ06, Mar98a, MLD08, MJ00, MSX00, MHA08, MHA09, Mor01, MPPM09, MK95, NKX09, NMA00, NSP07, NHG06, NHT06, NMC05, Ohy89, OCdAM07, OVK+09, OP97, PO00, Pal06, Par06, PSP+09, PdLS+99, PSS01, PPAK99, PN09, QP08, RHB08, SM01a, SPK+07, SEH99, SZC05, SH99, SGL99, SM03, SMC99, Sch01, STTK03, SBHD08, SG05, SMA08, SYT09, SNA92, Sun92, TBNF09, VVC+03, Vau93, VGBLGS+06, Ven08, Ven09, VLC03, VM93, WSS+09, WCC+09, YdOLS+05, Yos89, YCX05, ZSI08, ZL04a, ZMN99, dLLA93, mM95]. **Bases** [Wie85, NSI84]. **basic** [Dek86, LM90b]. **basis** [HAAH05, NK05, SOR05]. **batch** [LH07]. **batteries** [BRS04]. **Bayanihan** [SH99]. **Bayesian** [Kło05]. **BBS**

[FHG95a, Mal94, PR95, RS94, Zna94]. **be** [HNP05]. **beam** [GL04a]. **bearing** [FN00]. **BECAUSE** [Zna94, BP94, Zna94]. **bed** [RRS99]. **Beerel** [vdR87d]. **began** [Bur02]. **behave** [NMC05]. **Behavior** [BP01, BSG+05, JM02, ZZ09]. **behavioral** [Ale97, MS01, NMC05]. **behaviour** [Sch01]. **Benchmark** [CGSZ95, Zna94, LM90b]. **Benchmarking** [EGCY+06, Por95]. **benchmarks** [WYJ99]. **benefit** [BGV97, MVT+99]. **Best** [FCW01, Gra01, IdLR01, PF01, PSS01, SM01a, LBR02, WBT+08, Bru01]. **between** [BRR+04, DMN+05, HICÁFM+06, LPE08, Nag86a]. **Beware** [Chv87]. **beyond** [LDSH95]. **BGK** [AKH+04]. **bi** [LOK09]. **bi-directional** [LOK09]. **biconnected** [AAC04]. **Bień** [vdR87i]. **bifurcation** [AKH+04]. **Binary** [RSRV88, CC98, LLZ07]. **binary-search** [CC98]. **Bingham** [Ned06]. **Bio** [ZEO98, LWHC07]. **Bio-inspired** [ZEO98]. **Bio-STEER** [LWHC07]. **biochemical** [KCT99]. **biochemistry** [Rou00]. **Bioinfomatics** [MFE+08]. **Bioinformatic** [SF06, BCMA07]. **bioinformatics** [ABM+07, CCM07, SSS02, SLS+09]. **Biological** [MB01, YD05, Ami90, FGCM07, Kol89, MP02, WRBG94]. **Biologically** [Pet95, Meu05]. **Biology** [LGS+07, AV00, CCBR98, Gue01, KG01, SJTG07]. **biomedical** [CSC+05, Ros89]. **biomedicine** [ABM+07]. **biometric** [MR00]. **Biometrics** [Ale97, Pol99]. **biomolecular** [NJW+06]. **BioSim** [CSC+05]. **BioSimGrid** [NJW+06]. **Bishop** [Ano86i]. **bistability** [vdR87e]. **bit** [KKL09b]. **bitmap** [SK04]. **BitTorrent** [HWZL08, WFC07]. **black** [SHB89]. **blast** [YWA+89, BPC+01]. **blending** [ZY04]. **block** [BFK02, EV98, LCP04, SHJR04, VF01, VFS01, mM95, vM94]. **block-preconditioned** [VFS01]. **block-structured** [BFK02]. **Blocking** [BCH+08]. **blocks** [GLSV07]. **blood** [HORC04]. **bluff** [SdSP04]. **Board** [Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d]. **body** [SvAS01, SdSP04]. **Boltzmann** [ABL04, CM99, CH04, DS04b, DY04, FPdS04, HORC04, HRJ+04, IOO04, KKHS01, NCS04, SdSP04, vdS04]. **bonds** [BRS04]. **bone** [BPP+07, RMM+98]. **Book** [Ano93c, Ano93b]. **Boosting** [PH94]. **Boston** [vdR87k]. **both** [FB93]. **bound** [JS89]. **boundary** [BS04, DS04b, Kni89, SK04]. **Boussinesq** [Tab06]. **brain** [KZC04, MLSO01]. **branch** [JS89]. **branch-and-bound** [JS89]. **branches** [LTOT07]. **BRAVE** [RBC+88]. **brief** [Miz89a]. **Bringing** [ZS05b]. **broadcasting** [KY04, VS90]. **Brockport** [Lit03]. **broker** [ABG02]. **brokerage** [GPA00]. **brokering** [ET08]. **Brownian** [vOB95]. **browsing** [FGRZ09]. **BSP** [HS98, HLSØ06, HM98, McC96, RS98]. **bubble** [IOO04]. **Buffer** [KD00, WWC+97]. **build** [LL03]. **Building** [LF01, Ram95, SGP+09, SW06, YPF05, EV98, FS07, GDRS04, GLSV07, Niw89, SH99, VM93, WYN+90, Kos95, Zem86]. **builtins** [CYB90]. **Bulk** [GL05]. **bus** [AB95, Pan95a, PHL98, Shi92, UWV92, Kat04]. **bus-based** [AB95]. **Business** [EO86, KF00, CM01, MVT+99, SGY+07]. **Butcher** [MKK03]. **Byte** [LTOT07]. **Byte-code** [LTOT07]. **bytecode** [Ber00].

C [vdR87a, vdR87d, AC01, BRS04, CCHW03, LC04, NK07, WYN+90, ZY04]. **C-oriented** [WYN+90]. **CA** [SW02]. **Cache** [GSD95, HMC06, BSG+05, DSS98, HBCR01, Kun94, Lop93, VBLS09]. **cached** [Yam92]. **caches** [ADM06, TD95]. **CAD** [Dae95, TY85, TG04]. **calculations** [BvdHN+01, Gil94, LF95b, Mal94]. **Calendar** [Ano84c, Ano84d, Ano85c, Ano85d, Ano85e, Ano85f, Ano86b, Ano86c,

Ano86d, Ano86e, Ano87e, Ano87f, Ano87g, Ano87h, Ano88a, Ano88b, Ano89b, Ano89c, Ano89d, Ano90b, Ano90c, Ano90d, Ano90e, Ano91b, Ano91c, Ano92c, Ano92d, Ano92e, Ano92f, Ano93d, Ano93e, Ano93f, Ano93g, Ano94e, Ano94c, Ano94d, Ano95b, Ano95c, Ano96a, Ano96b, Ano97a, Ano97b, Ano98b]. **Calendar17** [Ano96c]. **Calendar99** [Ano95d]. **Calendarneous** [Ano95e, Ano95f]. **CALIFE** [SLZ95]. **CAM** [Avg00, SdR99]. **CAMAS** [dRSBH94]. **Cambridge** [YHJC05]. **can** [BGV97]. **Canada** [KMCH03]. **Canadian** [AAB+07]. **cancer** [LGS+07]. **capabilities** [BBLP05, DGST09, SD06, WAD+89]. **Capacity** [AMD08, Tho06, WWC+97]. **car** [BBC+99]. **carbon** [Tor04]. **card** [AHdJF97]. **cardiac** [DMM+99, KE85]. **cards** [Ale97, BGV97, DQ97, DF97, HJCD05]. **care** [Pol98, PPAK99]. **Carlo** [BST+08, TMTY05]. **CARPET** [ST98]. **CAS** [GI07]. **CASA'2003** [Igl07]. **case** [BBSV92, EGCY+06, KE85, MMVV08, RHB08, Rou00, SMI01, VM93, WX02, WM07]. **case-based** [VM93]. **casein** [vOB95]. **cases** [de 94]. **catallactic** [JRF+07]. **catalog** [GML99]. **catalogs** [OFO+99]. **cations** [DRS04]. **causal** [AMH04, ZCT+04]. **cause** [DLW07]. **CAVE** [DDS+09, MvLvW98]. **CAVE**^{TM} [WKF03]. **cavity** [CASW05, VWCV94]. **Cayley** [DR03]. **CCGrid** [LBR02]. **cell** [BVDF00, GL95, Pal01, SJTG07]. **cell-vertex** [GL95]. **cells** [BPP+07]. **Cellular** [Ban02a, BP02, BMS05, Ban02b, CM99, KCT99, Mur88, PIKM02, TS99, BMPS01, Ban05, Bog99, DRS+97, DS99, DDL01, FLPP05, FW02, GZ04, HRSW99, JM02, Mar02, PSL+04, Pud01, Ser98, SKT02, ST99, TSZP99, Wor99, CDRS05]. **cemetery** [MCA02]. **center** [CYH04]. **centered** [AP96]. **centers** [Han03]. **centre** [Gal87, BT93]. **centred** [AMB03]. **Century** [Mar98b, Mar98a]. **certification** [JLU03]. **CFD** [LF95a, SLZ95, WS05, YHJC05]. **chain** [BBL+05]. **chains** [JFDF09, JLMR00]. **Chalk** [GDRS04]. **challenge** [BKM03, Her87, Rum99]. **Challenges** [Ald89, SJTG07, Ano84h, BHD09, FS97, Fre94, Hul89, Kol89, KB09b, LGS+07, Meu05, Pet89, RdLM06, Rho89, Wil89]. **changes** [BBJ+06]. **Changing** [DMSS97]. **channel** [DS04b, SG05]. **channels** [AJZ+02, Dua94]. **chaotic** [GI07]. **character** [CSC+05]. **character-based** [CSC+05]. **Characterization** [ZCT+04, KB00]. **Characterizing** [KFC+07]. **characters** [SK04]. **Charging** [SRG+03]. **Charlotte** [BKKW99]. **chat** [MSK03, DS00]. **Cheap** [HWS07]. **checking** [LYT+05]. **checkpoint** [Dal06]. **checkpointing** [BCH+08, FC05, RG04]. **Chem** [GAB+96]. **chemical** [MSKT07, SBLT05]. **chemically** [DY04]. **Chemistry** [Höf03, Bro92, GAB+96, LDSH95, GMB+05]. **Chichester** [vdR87d]. **CHIMP** [BCM+95]. **chip** [SF06]. **chips** [MPH00]. **choice** [BHRT98]. **Cholesky** [IST04]. **CHORUS** [AGP+92]. **CHORUS/MiX** [AGP+92]. **CIIAM86** [vdR87b]. **cinema** [SST+06]. **ciphers** [SHJR04]. **circuit** [BJNH05, GODM98, GDRS04, IdLR01, SKT02, WVC05]. **circuits** [CFVP03, Dör05, WSTW87]. **Circulation** [HHG05, CS93]. **city** [vVDBB98]. **class** [Čie04, TKT+08]. **classification** [CHJ+04, CD99, Kło05, LLWN04]. **Clause** [LY90a]. **client** [CGL08, PA01b]. **client/server** [PA01b]. **Cliffs** [vdR87h]. **climate** [GP09]. **clinic** [PPAK99]. **clinical** [OCdAM07]. **clock** [AC92]. **Cloud** [BYV+09]. **clouds** [GGSZ09]. **Cluster** [BJC02, DT08, OSHH96, WX02, Aba06b, ACML05, BL98, Cho04, DZ04, DVVD02, Fra08, GS05, Goo02, HO02, JAA09, LSLS05,

MM03, MGLV04, NSI02, RG04, STH+98, SMI01, SMA08, VSM02, YJA03, ZJWZ04]. **Clustered** [BHH+93, PSL+04]. **Clustering** [Mic97, DB99, FT07, KCK04, LBYL08, STP+05, ZM97]. **Clusters** [PBM95, BBSV92, BL02, BPC+01, CRE01, CG02, CKFJ06, CEGL01, ELvD+96, Fer96, Gos00, GVD+03, LP01, MTKS00, MLSO01, OB04, PCG+06, PL96, RHB08, RT06, SVC+07, STTK03, SD03, TC06, SZGbC04]. **CM** [Mal94, Por95]. **CM-2** [Mal94, Por95]. **CM2** [CH95]. **CNES** [BT93]. **Co** [PW09, Ano84i, YYW+09]. **Co-allocation** [YYW+09]. **co-operative** [Ano84i]. **Co-scheduling** [PW09]. **coalition** [FX07]. **Coarse** [Vre88, VF01, Vre89]. **Coarse-Grain** [Vre88, Vre89]. **CoConut** [Reu03a]. **CoConut/J** [Reu03a]. **code** [BP01, BST+04, DR05, DMN+05, GKS05, GL95, IJLC03, LTOT07, LLZ07, LN94, RBS93, SLZ95]. **coded** [LLWN04]. **Codes** [SvAS01, BBW08, BVDF00, Dal03, LPB04, LRW01, Niw89]. **coding** [CCM98, HJK+04, SMC99]. **coefficients** [Tab06]. **cognitive** [HQ07]. **Coherent** [Tul04]. **COHESION** [SBHD08]. **collaboration** [JHL+06, SS04, SLDK03]. **Collaborative** [BGJ+06, BLAV06, SZP00, TWC+06, BPS+03, GP09, HB09, HAB+06, KPB+03, LPC+95, LGS+07, RJH+09, SCY01, SLW01, VGBLGS+06, VWD+08, YLC+06, ZL04b]. **Collaboratory** [BAD+05, LRJ+06, LJPS05, SGP+09, SBdL09, KFP+02]. **collections** [AFP07, GB99]. **collective** [JM02, NSI02, Szu98, Szu01]. **Colonies** [TRFR01]. **colonoscopy** [MSR98]. **Colony** [PW09, DS04c]. **Columbus** [Gra92]. **COMA** [SWCL95]. **combination** [WL05]. **combinator** [WGL92]. **combinatorial** [Sch03]. **Combine** [LL03]. **combined** [HJK+04, ZS05b]. **Combining** [LC01, GY90]. **command** [KTY03]. **Comments** [WC06b, WC06a]. **commerce** [ABCD00, AS99, KF00]. **commercial** [Mar86]. **commitment** [KKL09b]. **commodity** [GVD+03, SVB07, WTC+02]. **common** [DLW07, FB93]. **Communication** [CSP98, DHS99, Kal94, Tis07, ADOKM06, BCFS02, CST92, DPP03, DT94, GS95, GD93b, HO02, HML+06, HJK+04, JAA07, LR06, MD92b, MTKS00, MRV01, Pag99, PR95, PPAK99, WC01, WTC+02, ZDR07]. **Communication-efficient** [Tis07]. **Communications** [DVV90, CYH04, Ste94, SHJ06]. **communities** [RSSD02, Var00]. **Community** [Car86, LBB+09, GP09, Mar99a, PPH+09, SBG+09]. **community-driven** [SBG+09]. **Commutator** [CMO03]. **Commutator-free** [CMO03]. **comparative** [Bal92, KDE04, OP97, SK06, ZM97]. **Comparing** [KGX95]. **Comparison** [VSvD95, BNFZ08, CCG07, STP+05]. **comparisons** [BORM07]. **compatibility** [SSB05]. **compatible** [DMMP98]. **Competent** [DD86]. **Competitive** [LL04c]. **competitors** [Ano84h]. **Compilation** [BM00]. **compiler** [CMT01, DSS98, LY90a, Por95, SO98]. **compiler-based** [LY90a]. **compiler-controlled** [DSS98]. **compilers** [EGCY+06]. **compiling** [ZS90]. **Complete** [CC07, MCQ+07]. **completion** [CDS03]. **Complex** [BKS98, CCKW88, SdR99, WH05, AB01, BJWZ08, DS99, FGCM07, Fre94, HAAH05, MB01, Meu05, SJTG07, XSM04]. **compliance** [Niw89]. **compliant** [SYT09]. **complicated** [LHC03]. **component** [AAC04, BKSS02, Fio06, GW01, Lee04, LKG07, Par06, PSS01, Reu03a, Tak05]. **component-based** [BKSS02, LKG07, Par06]. **component-oriented** [Tak05]. **components** [CY88, DD05, Kom89b, LRW01, PA01a, WSTW87]. **composer** [BGK+05]. **composing** [Kom89b, PADD03].

composite [BRMN04, WCC+09, ZMS+06]. **composition** [GBA+09, YKL+07, ZZ09]. **compositional** [VR05]. **Compositionality** [dB90]. **Compressible** [KN06, Ano96b, LF95b, RŻDM01]. **Compression** [GLS99, DQ97, KCK04, KKV+99, SMC99]. **Comput** [KSM+07a, MR04b]. **Computation** [Ban05, CASW05, DE03, Fre94, AAC04, Amo06, BCFS02, BDHK06, DT94, EL98, GBA+09, GPH+94, HWS07, HHSW92, MCT+09, SD02, SLO+05b, dlTK92]. **Computational** [ABMS05, Bis96, Bro92, Bun03, CH04, Joh02, MCSS00, MGYC06, MVAS89, MR04a, MR03b, MvLvW98, Pet89, RGH+01, TS99, Tan02a, VMvW97, ABG02, AAB+07, Ald89, ABF+03, BKM03, BFR05, BLB03, CM99, CH95, CKR04, DT08, EGK+07, FGG03, FvLTT98, Han03, Hul89, Joh89, JNPY06, Kol89, LL04c, LW08, Lit03, LJPS05, Lop03, MDD89, Meu05, MHA08, MvWvL99, NSHP88, NP03, OK02, PIKM02, Rho89, SMK05, SHJR04, SL97, SGH+08, TMT+07, TV08, VDPHS09, WFC07, WL05, Wie03, Wil89, YD05, ZCW+04, CCHW03, GMB+05, KFP+02]. **computationally** [Pet95]. **Computations** [VV92, BBSV92, BBJ+06, BST+08, KL02, LF95a, Szu98]. **Compute** [GGSZ09, BGR+99, SBLT05]. **Computer** [AKW90a, Ano86i, CT09, CD99, Igl04a, Igl07, KI89, NHG03, Slo06a, Slo06b, Sti93, Zin00, vdR93b, Ais88, AKW90b, Bhu95, BLB03, Bur02, CEJK94, Dal03, DRNMC09, Fur92, Her87, HXL90, Kal94, Kas85, KB92, LC01, Lin84, LSF+94, MJ00, PO00, Pri95, Pud87, SEH99, SL97, SBLT05, Tak89b, TDL05, WG91, Zad87, ZGCM00, vM94, vdR93a, dRSBH94]. **computer-integrated** [WG91]. **Computerized** [KKP+05]. **Computers** [Her84, Ano86i, CST92, CS93, DRNMC09, DD86, Omo91, OP97, Pad92, RN01, ST99, vdR86b]. **Computing** [AT02, Ama88, Ama89, CDF+05, FVFA98, Gen95, HB98, HY03, Kow85, Lid99, Mes02, OSHH96, SG95, WMN+01, Wil00, AvLR92, Aba06b, Aba09, ABG02, ACGdT02, ACC+05a, AB01, AMD08, AMH04, AFF+09, AG05, Ano90g, AB03, BGL08, BL98, BBG+05, BBC+99, BKG05, BR92, Bis94, BCM+95, BJC02, BYV+09, BCB+07, CGT07, CTF+99, CWD+08, CGH04, CC09, CTMO06, CFG93, CS09, DHB02, DLR+09, DVVD02, DL03, DRS+97, DKD08, DDM+08, DR89, DSS07, DT08, ESFD06, EW97, ESPP01, Sou91, GJS+94, GS05, Gil94, GL95, Gos00, GAB+96, GNWT05, Hab05, HDC+94, Her91, HMP04, HG92, IT05, JSK+06, JAA07, JAA09, JNPY06, JM01, Kar01, KBM+02, Kim07b, hKcF09, KV09, KB09a, Kos95, Kow84, Lau01, LSLS05, LWHC07, LYMZ09, LOJ+07, LDSH95, LJW08, LLSR02, LLSH07, Mal01, Mal02]. **computing** [Mal05, MI01, NSS99, NCCS99, OF07, Ole07, OS01, PWY03, PP06, Ray05, RBS93, SH99, Sar02, STH+98, Shi04, SSF+09, SLS+09, SD07, Ste94, SRCR97, SBA+05, SZGbC04, SHLB08, Sun92, TKT+08, TJLT00, WH05, WTK07, WZC08, Wit94, Yat88, ZMS+06, ZEO01, vdR87e, vdV89b, CF09, SR03]. **concatenation** [HRJ+06]. **concept** [GGM+09, LL03, TG04, WAE06]. **Concepts** [PSS01, Ano86i, DSSU97, TBK06, ANN+92]. **Conceptual** [FJY06]. **concerns** [FdSC07]. **Concurrency** [TG07, JK92]. **Concurrent** [BS91a, BP01, BS92, CLP95, EL98, LM90a, Sun92, dB90]. **conditions** [DS04b, KDE04]. **Condor** [PL96]. **Condors** [ELvD+96]. **Conference** [Ano84e, CF09, Ano86j, BGL08, Kaa98, Rho89]. **conferences** [Ano94e, Ano96a, Ano96b]. **configurable** [Dör05, JNPY06]. **Configuration** [PA01a, BORM07, DvdHdL06, MD92a]. **confirming** [Niw89]. **conjugate** [Cro95]. **connected** [UWV92]. **Connection** [BS91a, BB84, BS92, DFSZ88, BB85, CH95, Por95].

connections [LPE08, Shi92]. **connectivity** [BRR+04, JM02, UM02]. **connectivity-preserving** [UM02]. **Connector** [EGK+07]. **Conservation** [IS06]. **conserved** [DCS+07]. **considerations** [CGL08]. **Consistency** [GSD95, LLKF09, OB04]. **consistent** [PY00]. **consisting** [Shi92]. **constrained** [DD05, HY09, PFMC04, Ven09]. **constraint** [Hal88]. **constraint-based** [Hal88]. **constraints** [FX07, HZC+08, LYT+05, NP03, SL87]. **construction** [BJWZ08, CPB00, TM05, YJA03]. **contact** [Ned06]. **container** [LGMV02]. **contaminant** [RS99]. **contamination** [ST98]. **Content** [EGAQ09, GC00, De 88, DS08, FMS08a, FM08, FR08, LPE08, MM08, NKX09, OCdAM07, QP08, SMA08, SYT09, Zin00]. **Content-based** [EGAQ09, OCdAM07, QP08, SMA08]. **Contention** [BS09]. **Contention-based** [BS09]. **Contents** [Ano01b, Ano05a, Ano05b]. **context** [DMG+08, FD95, LG08, PEG05, SGY+07, SM01b]. **contextualized** [SA07]. **continental** [RV95]. **Continuation** [DP03b, PPAK99]. **Continuous** [DS04c]. **continuum** [Low01]. **contracts** [GPK05, LKA+08]. **Contributions** [Ser95]. **Control** [ABF93, BT93, BL92, ATT96, AR98, BKM03, BX04, CSC+92, Dat03, DL03, FMR05, FX07, GWO03, GY90, HV92, HXL90, KLM+03, LHC03, Lop03, LC03, Mam09, RSR01, SMA08, SCP09, TG07, WC06b, WC06a, WZC08, YA02]. **controllable** [GZ04]. **Controlled** [BP02, GFR+06, DSS98, KKP00]. **controller** [Röb05]. **Controlling** [HAAH05]. **controls** [EV96, EL98]. **convection** [JNR01, Tab06]. **convection-diffusion** [JNR01]. **Convenient** [BKŁ01]. **convergence** [CDF+05, Gut00]. **conversion** [AC01]. **conversions** [Rus90b]. **Convert2Java** [AC01]. **Convex** [SSMG95]. **cooperating** [CWD04, Reh06]. **Cooperation** [Nar86, JFDF09, Smi86, CKK+04]. **Cooperative** [FMR05, GP09, HMC06, Nag86a, PP07, Wah84, CBK+01, RHB08, ZL04a]. **Coordinated** [FX07, BCH+08]. **Coordination** [THN+06, PA01a, Pap05, Pro07, WKT00]. **copies** [Dup90]. **Coprocessor** [SK97]. **copy** [DS00]. **copy-hybrid** [DS00]. **CORBA** [Lan00, LRW01, LDS06, LLSR02, RdSH+00]. **CORBA-based** [LLSR02]. **Core** [HT02, CKFJ06]. **correct** [GPA96, Pro07]. **correction** [KA88]. **correctness** [MD92b]. **Correspondence** [DMN+05]. **cosmic** [NMZC06]. **cosmology** [LB03]. **Cost** [GR07, BG05, GE90, RS98, SD02, SHJR04, SDD+09, SK05, de 94]. **Cost-effective** [GR07]. **cost-optimal** [BG05]. **coupled** [AGP+92, BDNP92, Kun94, MD92b, MR04a, Mis92, SMK05, ZCT+04]. **coupling** [HNS05]. **course** [BLB03]. **CPU** [ZSI08]. **cracked** [OS06]. **crash** [HDC+94]. **Cray** [MPG96, SCK+00]. **Creating** [NWE04, RSSD02]. **creation** [Mar98b, Mar99a, TBD+02]. **credit** [JFDF09]. **credit-based** [JFDF09]. **criteria** [ADKS06, WHP09]. **criterion** [SKJ01]. **critical** [MC04, SSC09]. **crossed** [GL04a]. **CROWN** [HSH+07]. **crust** [OS06]. **cryptographic** [BDNN02]. **cryptosystem** [LL04b]. **Crystal** [KS02]. **Crystallization** [VSvD94]. **CS** [GD93b]. **CSP** [MRV92]. **CT** [SGL99]. **CTDNet** [KGW95]. **cube** [Pan95b, YJA03]. **Cubemat** [Shi92]. **cubes** [SAKOK03]. **cultivate** [AHdJF97]. **cultural** [Nit86]. **CUMULVS** [WKF03]. **curation** [HBH09]. **Current** [BHD09, Fur92, MK88, Nag86b, Miz89a, dLRW03]. **curricula** [MR03b]. **curve** [LL04b]. **curves** [SW05]. **customers** [ABCD00]. **customized**

[RSSD02]. **cuts** [HSS00]. **CWI** [Baa87]. **Cyber** [YYW+09]. **Cyber-Transformer** [YYW+09]. **cycle** [DZJ+00, Goo01]. **cycles** [PL96, SK05]. **cyclone** [VBLS09]. **cylindrical** [LGMV02].

D [SGL99, YMM00, Zem86, vdR87h, vdR87e, vdR87k, Avg00, CH95, DMM+99, EMB98, EdBG+99, GR09, GGM+09, HvHAS04, IdLR01, JHL+06, KCK04, Kni89, KA88, LBB+09, MJ98, MJ06, NCS04, RICW00, WKF03, XYZ05, RBS93]. **D-Grid** [GR09, GGM+09, LBB+09]. **DAEs** [CFVP03]. **DAI** [SPK+07]. **DAROC** [SHJ06]. **DAS-2** [HBJ+03]. **Data** [Ama88, Ama89, AW97, FS97, Fuk85, GGH+06, KB09a, PH07, SD07, VV92, WMN+01, YTHY84, ABF+03, ADK+09, BL92, BPS+03, BPAP92, BCW01, CTT02, CGM+07, CKFJ06, CHJ+04, CCL07, CGL08, CY01, CCG07, CGST09, CTT07, CS97, DMR93, DMMP98, DMM+99, DAM08, DFG+00, DF97, DSH+99, Dup90, DB99, EWG99, FSP02, FB97, FAJP99, FJT01, FM01, Fin99, Fra08, FdSC07, GGW+09, GLSV07, GP09, GGH+03, GB99, HC99, HAE+03, HBH09, HESM99, HPS97, HJPS03, HAB+06, Joh02, JRF+07, KN06, KMCH03, KY04, LS07b, LGH97, LC04, Leo98, LGW07, Lop93, LWHS07, LLSH07, MTNM08, MJ98, MJ06, MFP05, MBFC99, MTH+05, NMZC06, NSP07, NJW+06, Nis93, OB04, OFT09, PM04, Pal09, PKC+05, PSR+07, PSA+09, PCM99, PPH+09, PCB99, RL98, Rus90b, SZC05, SBG+09, Sin07]. **data** [SSK+08, TWC+06, TLTY06, TD95, TJLT00, TV08, VBLS09, WSS+09, WFC07, XYZ05, YJA03, YLC+06, ZLD+03, ZQZZ09, vdR87l, vdR87k, BCMA07, CC07, Dog̃09, HBH09, LS07b, LVH08, NZQ07, Qin07, SYT09, SHJ06, TLYT05, TLTY06, YYW+09]. **data-** [vdR87l]. **Data-Activated** [SHJ06]. **Data-aware** [KB09a]. **Data-Driven** [VV92, YTHY84, MTH+05, PKC+05]. **data-intensive** [BPS+03, MFP05, Pal09]. **data-parallel** [BL92, FSP02, LC04]. **database** [ACU95, Ano84j, CYB90, CW93, FAJP99, FT07, GML99, Joh92, LY90a, LY90b, LKM91, Mur88, NSI84, PNH99, PH99, vdR86a]. **databases** [CYB90, CFG93, FGRZ09, KP00, KST92, Kos00, PNH99, SL87, TG07, ZMN99]. **dataflow** [GY90, Gur85, GBT87, HG92, KSY92, ZT90, ZT91]. **dataflow/von** [HG92]. **DataGRID** [VBP03]. **DataMiningGrid** [SSK+08]. **datasets** [KPB+03]. **DataTAG** [MFP05, MMFM+05]. **date** [Din99]. **Davidson** [BvdHN+01, BV04]. **Davidson-type** [BV04]. **DDL** [FB97]. **debugger** [CLP95]. **Debugging** [AW03, FSP02, RCD03, BW95, Kac00]. **Decentralised** [Low05, Vau93]. **Decentralized** [LS07b, HB08, HXL90, LHL09, YBQ07]. **Decision** [vdR87f, AW97, DSH+99, GS05, LGW07, PP07, SB97]. **Declarative** [TA96]. **decoder** [KA88]. **decomposed** [SKJ01]. **Decomposition** [dRSS97, BH03, HND06, MvdV01, Pri95]. **dedicated** [DZ04, NP03]. **deductive** [SL87]. **default** [ATT96]. **Defining** [GMS09, MR03b]. **definite** [Amo06]. **Definition** [CGT07, HML+06, LRJ+06, LS05, Szu01]. **deformation** [Tor04]. **degeneracy** [DMN+05]. **Delaunay** [LGMV02, XSM04]. **delay** [KV09]. **Delft** [DFSZ88]. **Delivering** [Zin00, BYV+09]. **Delivery** [GC00, HAE+03, LPE08, ZCT+04]. **Delphi** [ACGdT02]. **demand** [BPS+03, FMR05, KLM+05, SSF+09, WWC+97]. **demanding** [MVT+99]. **demands** [SCB04]. **demonstration** [CALN03, HRJ+06]. **dense** [DS04c, HPP94]. **density** [DRS04]. **dependable** [AR07, WTK07]. **dependent** [CP06, Dua94, Nos98, Tab06]. **Deploying**

[PCBD99]. **deployment** [BJA+05, CdCD07, HSH+07, PSP+09, PPSS06]. **deployment-based** [CdCD07]. **Derek** [Ano87b]. **Derivation** [DRNMC09]. **derivative** [GKS05]. **derivatives** [BBL+05, SBLT05]. **derived** [Del06]. **deriving** [CFVP03]. **describe** [vdHDT+06]. **description** [HK88]. **descriptions** [BHK90]. **Descriptive** [SGdMM96]. **descriptor** [Var03]. **Design** [CCDS08, LCP04, LJY04, LL04b, LC03, MSK03, NSS99, NP06, PSR+07, Qin07, ZY90, ÅO06, AMB03, BBC+99, BKG05, BB06, Cur92, DMR93, DDV92, DGS09, FD02, FAJP99, Ger02, HB09, KKL09a, LMH+09, MB01, MBZL09, MVT+99, Ném00, PPJ95, Röb05, SCK+00, TC92, VVC+03, VSM02, VR00, VP94, WKT00]. **design-space** [SCK+00]. **designed** [ZJWZ04]. **Designing** [BGL+05, GBE00, ST98, TKT+08]. **desktop** [BCB+07, DSS07, KFC+07, WFC07, KNK+08, KLM+05, LTOT07, SBHD08]. **detailed** [LR06]. **detect** [ZZN04]. **detecting** [SCB04, SK05]. **detection** [HHS98, KTV03, KKP00]. **determination** [Dör05]. **Deterministic** [Gue01, MKH06]. **deterministically** [LOK09]. **deterministically-routed** [LOK09]. **Developing** [AAB+92, DW87, GW01, GJS+94, LGS+07, Reu03b]. **Development** [BFR05, BHH91, DDO+92, GML99, IMKB89, YA02, BdCYG05, BHH92, Cas94, Dal03, Dek86, DZJ+00, FJ00, FR08, HRSW99, Hen87, IMSV90, KDFL99, KV03, Li90, LWHS07, Mat89, RG04, WWSM98]. **developments** [Sch94]. **device** [DLR+09, FHG95b, Kaw92, SGFS01, SLDK03, SW06]. **devices** [KK97, OB04]. **DEVS** [SZP00]. **DFT** [BST+04]. **diagnosis** [BvdBM+93, CD99, DFT92, FM01, Han89, KE85, MH01, Suz89, tTvH96]. **diagnostic** [ASTEP98]. **diagonal** [DL03]. **diagram** [KS02, SCK+00]. **DIALOG** [ZT90, ZT91]. **DICOM** [EGAQ09]. **difference** [ÅO06, CS93]. **differences** [Nit86, PBHK01]. **different** [SD06, vM94]. **Differential** [DL03, BC03, Del06, SS03]. **differentiated** [PEG05, SPBT07]. **differentiation** [Büc05a, Büc05b, Fau05, HNP05, HHG05, HNS05, Pal06, Röb05, SBLT05]. **Diffusion** [BKS98, vdS04, BMPS01, Ban02b, JNR01, KZC04, Mar02]. **Digital** [TS08, FBBW99, HESM99, KY85, NKX09, PCM99, SST+06, WSTW87]. **dimension** [SAKOK03]. **dimension-ordered** [SAKOK03]. **dimensional** [BP02, BS04, CHJ+04, DS04b, DSH+99, DB99, EFD00, FHG95b, Pal01, SW02, Wes99, XSM04]. **dimensionality** [BFLL99]. **dimensioning** [TDV+08]. **DINCast** [GNWT05]. **DIPAS** [TBNF09]. **Direct** [NEJP94, VWCV94]. **Directed** [WTC+02, RSR01]. **direction** [Dör05, Fur92]. **directional** [LOK09, Mar02, OS06]. **directions** [Ano84j, LKM91]. **directly** [De 88, ZCT+04]. **directory** [Ohy89]. **Dirichlet** [KDE04]. **DIS** [RdSH+00]. **DISC** [IMSV90]. **disciplinary** [DFG+00]. **Discord** [SCB04]. **Discover** [LJPS05]. **discovering** [SSC09, VGBLGS+06]. **discovery** [CCL08, DMZ09, FMS08b, HB08, MTV05, MP02, MV09, TTP+07]. **Discrete** [She00, NB04]. **Discrete-event** [She00]. **DISCWorld** [HJS+99]. **disease** [KKP+05]. **disease-EEG** [KKP+05]. **diseases** [KE85]. **disk** [CFGC03, NP06]. **disks** [CkLC06]. **display** [PSG+06, RJH+09]. **dissemination** [FMS08a]. **Distance** [FGRZ09]. **distances** [MGH+05]. **distinguished** [HWW04]. **distribute** [FT07]. **Distributed** [BDF+99, BCT+07, BM08, BBSV92, BM92, BKK02, BDHK06, BPS+03, CTT02, CkLC06, CTT07, DVV90, FC09, FJT01, HH98, HV92, HB00, HAB+06, KK00, KGX95, LWHS07, LLSH07, Mul92, SKJ01, SLW01, VVC+03, WM07, AT01, AMB+92, AGJN00, AB03, BMRW01, BFLL99,

BKG05, BR92, BW95, BB06, BAD+05, BDL06, BFW+03, BGR+99, CM01, CST92, CWD04, CDF+05, CBK+01, Cho04, CS93, CGST09, CRM05, DCL00, DBA98, DAM08, DT93, DRNMC09, DDM+08, DL00, Din03, FGRZ09, FB97, FAJP99, FJ00, FBBW99, GMEL08, GA06, GW01, HC99, HAC92, Her91, HPP94, JSK+06, Joh92, Kim07b, KNK+08, hKcF09, KKL09b, Kob92, KB00, KKP00, LB03, Lau01, LR06, LL03, LKG08, LWSC07, Luk89, Luk00, LMH+09, MCSS00, MMR02, NSI02, Ole07, Öst92, OS01, PY00, Par04, PH99, PX07, PSG+06]. **distributed** [PCB99, PVBH05, QP08, RHB08, Reh06, RM97, SZC05, Sap88, SZP00, SBSdL06, SY04, SD02, Sin92, Slo96, SD03, SHJ06, SLO+05b, SHLB08, SM96, TC06, TJLT00, TBNF09, Vau93, VR00, VLC03, VBLS09, WSH99, WB90, YA02, YHJC05, ZCT+04, ZLD+03, ZMS+06, ZWJ04, ZCW+04, dKdOS03, CT09, WAE06]. **distributed-data** [FB97]. **Distributed-Memory** [BM92]. **distribution** [BTM06, CYH04, DLW07, DS08, FR08, LGH97, LOK09, NKX09, NMZC06, WFC07]. **distributions** [BDHK06]. **diverse** [MC04]. **diversity** [BORM07, HJK+04]. **DLM** [Pud87]. **DMPP** [Ste92]. **DNA** [CGH04, CS05, Kar01, WMN+01]. **doctoral** [SR03]. **document** [FC09, LYT+05, ZL04a]. **documents** [KFF89]. **Dolev** [BDNN02]. **domain** [BFK02, GXD+09, HND06, MvdV01, Pri95, YLC+06, vOHD+05]. **domain-specific** [BFK02]. **domains** [BCPS03]. **Donald** [Ano87l]. **Doores** [vdR87j]. **Dordrecht** [vdR87f, vdR87k]. **Dordrecht/Boston** [vdR87k]. **double** [KA88]. **download** [CGL08]. **DQP** [LMH+09]. **drawing** [Büc05a]. **drawings** [Niw89]. **DRAxML** [SLO+05b]. **Dreyfus** [Zad87]. **Driven** [VV92, YTHY84, FC05, Fre94, MTH+05, ONHT89, PKC+05, SBG+09, SLŽ+09, VWCV94]. **driving** [LKM91]. **droplets** [DY04]. **DSP** [EFD00]. **Dual** [ZDR07]. **Dual-Level** [ZDR07]. **duality** [UM02]. **dumps** [Dal06]. **Durham** [Her87]. **during** [Niw89]. **Dutch** [BVP+87]. **DVC** [CT09]. **DYMOS** [Suz89]. **Dynamic** [Ber00, DMG+08, DDR+07, GMM+09, KMK09, LH07, OSHH96, Reh06, RN01, Sch98, SLJ+06, TLYT05, vOHD+05, AAC04, AFP07, AKPN01, AN08, DHB02, Doğ09, FVFA98, GMEL08, GNWT05, Hua05, HPLL09, JM01, LCP04, LRMC94, MGYC06, MR04a, PA01a, SGdMM96, Ven08, WG00, ZDR07, Suz89]. **dynamic-key** [LCP04]. **Dynamical** [LMBCC89, GLW99, Lop03, MPQ03]. **dynamically** [AAB+92]. **Dynamics** [vOB95, Ban05, CM99, FAJP99, JL03, MF93, MR00, PHM+99, SCK+00, Tul04, Wes99].

e-commerce [KF00]. **e-Lab** [BGJ+06]. **e-mail** [LL04b]. **e-Science** [CF09, DGST09, HT02, ZBB09, BHD09, JHL+06, SBG+09]. **e-Toile** [BBG+05]. **Eager** [CK00, KGW95, MSS02]. **Early** [ACE02]. **earth** [GNOY01, SSMG95, Bre89, FPX+09, TWC+06, WKZ+03]. **Easing** [LP01]. **easy** [ABF+03, MZC08]. **ECA** [KA08]. **ECAI** [Ano84e]. **ECAI-84** [Ano84e]. **ECG** [CPK05]. **economic** [DS08]. **economy** [ABG02]. **ecosystems** [LMBCC89]. **ECRC** [Gal87]. **eddy** [NEJP94]. **edge** [HHS98]. **edited** [Zem86]. **editor** [Ano87k, KDFL99]. **Editorial** [AKvdR86, Ano84f, Ano86g, Ano99, BLRL03, Bru01, DHS00a, FM01, Her94, HB98, Kaa98, KG01, Mal01, ON85, OS01, RR03, SG95, VN01, Wil00, ZEO01, AB01, AD00, Ano01c, BJC02, DDS00, Flu03, HP92, KK00, LBR02, LC01, Tan02a, vdR93a, Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d]. **Editors** [Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano02b, Ano03h].

Editorship [Kaa99]. **EDPEPPS** [DZJ+00]. **Eds** [vdR87a, vdR87c, vdR87e]. **education** [AMB03, Avg00, KZBK99, Wie03]. **Educational** [AD00, MJ00, Jon00, RMM+98]. **EEG** [De 98, JSS+99, KKP+05]. **Effect** [Tor04, Nit86]. **effective** [BAD+05, CC00, GR07, HCL07, HPLL09]. **effectiveness** [PM04]. **effects** [HSS00, Yam92]. **Efficiency** [ZMN99, Dua94, PR95, ZMS+06]. **Efficient** [BK97, Ber98, BBL+05, DZ98, JC08, LR01, LKG07, LSTV07, PHL98, SL87, TV08, Aba09, AMH02, BPS06, BFR05, DAM08, FJ00, GKS05, GNWT05, HHG05, HMP04, LC01, MGLV04, NF07, NP06, PY00, PWY03, PVBH05, RG04, Rum99, SLS+09, SHLB08, Tis07, TM05, WFC07, ZQZZ09, dlTK92, LOJ+07]. **Efficiently** [ABL04, BRR+04, SSC09, KTY03]. **efforts** [Ano84i]. **eigen** [CHJ+04]. **eigendecompositions** [DP03b]. **eigenvalue** [BV04, Del06, Prz03, SKT+08]. **eigenvalues** [Amo06, CDS03]. **EJOB** [vdR87e]. **Elastic** [MLSO01, NF07, HvHAS04, OS06]. **election** [SW02]. **electric** [DMMP98]. **electrical** [DFT92]. **electrocardiography** [PCB99]. **electromagnetic** [Dae95]. **electromagnetics** [LW08]. **electromechanical** [HAAH05]. **Electron** [FGCM07, BRS04]. **Electronic** [Öst92, ABCD00, AS99, Bur02, Din03, FP03, MCSS00, TC92, Bur02]. **Electrosmog** [Dae95]. **element** [AS99, LDS06, SW05, Tab06]. **elements** [SP93, WAE06]. **elimination** [Tis07]. **elliptic** [LL04b]. **Ellis** [Ano86i, Ano87b, Ano87l, vdR87d]. **EM-3** [YTHY84]. **EM-4** [KSY92]. **embedded** [NWE04, Pud87]. **Embedding** [Pri95]. **emergency** [Gra01]. **emerging** [BYV+09, How91]. **empirical** [Cur92, DS99]. **enabled** [ABB+03, EPJ+05, FS07, GLM+08, JHL+06, LKG08, LWSC07, MGYC06, MJ06, NJW+06, PKC+05]. **enables** [AB01]. **Enabling** [Mam09, RJH+09, TMV+07, ET08, GMEL08, KT08, MWC+03, MLD08, SSK+08]. **encrypted** [DF97]. **encryption** [LCP04]. **end** [JLU03, KT08]. **endpoint** [SCP09]. **Energy** [LBB+09, ABB+03]. **enforcing** [LHC03]. **Engine** [BG87]. **Engineering** [Kow85, AMB03, Ano87b, Ben99, Bun03, CTMO06, DFG+00, Hir89, Joh02, Kim07b, Kow84, Mai91, Mat89, TY85, Van87b, VVC+03, SR03]. **Englewood** [vdR87h]. **enhance** [GMB+05]. **Enhanced** [WDD00, AV00, PH99]. **enhancements** [PSVL02]. **Enhancing** [ACML05, BBLP05, FM08]. **ENS** [BBD+99]. **enterprise** [AGJN00, CM01, DDR+07, GLSV07, JAA07, Kim07b, KKL09a, KFC+07, NSP07]. **enterprise-scale** [NSP07]. **EnterTheGrid** [Ano05e]. **entities** [JLU03]. **Entropy** [EHMS00, Fre94]. **Entropy-driven** [Fre94]. **enumeration** [MKK03]. **Environment** [BKS98, BP94, CWD+08, LSS94, ASTEP98, ADT03, ACC+05b, BMRW01, BBBD01, BKG05, BPP+07, BCB+07, CLP95, CSC+05, CTT+08a, CCDS08, DCL00, DZJ+00, DRS+97, DMZ09, DT93, DL00, EMB98, EPJ+05, FJ00, GR96, GGW+09, HJS+99, IMSV90, KDFL99, KPB+03, KKL09b, Kos95, KKP00, LLKF09, LM90a, LGS+07, LSF+94, MCSS00, MSKT07, MVT+99, MTH+05, MSX00, OS92, PP07, PSA+09, PPAK99, PHM+99, PA01b, PBB+05, RL98, RMM+98, SOR05, SSKF95, SMK05, SPCL04, WDD00, WB90, YMM00, ZS05b, DGS09, FMD99]. **Environments** [YPF05, ACGdT02, AMD08, BJA+05, BR92, BFR99, CTF+99, Cas94, CRM05, CS09, FX07, HZC+08, Höf03, KA09, KBM+02, Kim07b, LB03, LYMZ09, LSTV07, LLSR02, LLSH07, MKT09, MR03b, MvWvL99, NMC05, Pad92, Pag99, Sch98, SLDK03, SD07, Sun92, Ven08, WH05, WSS+09, XHY+90, ZSI08, ZAP05].

epidemic [FMS08b]. **epidemics** [LMBCC89]. **equational** [OP95]. **equations** [BFLL99, BMZ01, BC03, IS03, SG04, Tab06, de 94, vdR87h]. **equipment** [TC92]. **equivalent** [PEG05]. **era** [Zad87]. **Erratum** [KSM+07a, MR04b, NHG03]. **Error** [KTV03, DR03, KA88, SS03]. **eruption** [CDRS05]. **ES/SDEM** [Mat89]. **ESPRIT** [Ano87j, Cad86, Ano84h]. **establishment** [Mar99b]. **estimate** [Dal06]. **estimates** [HV03]. **estimation** [EW97, PBT02]. **Ethernet** [HJCD05, MGH+05, WTC+02]. **Euclidean** [DL03]. **Euler** [GKS05]. **EURO** [Kaa98]. **EURO-VR** [Kaa98]. **Euromed** [EV98]. **Europe** [HB98, Lid99, Wil00, Ano84h, ES94, Pol98, Wal94]. **European** [Ano84e, Ano86h, Zna94, Dek86, LPC+95, Mur95, Nar86, SS90]. **evaluate** [Szu98]. **Evaluating** [BSCC06, HBJ+03, BGL+05]. **Evaluation** [Bal93, BY93, BP94, CG09, CW93, GSD95, HRJ+04, LSS94, ADKS06, BBBD01, BS09, DSS98, Din99, FS93, HD05, KSY92, Kun94, LCP04, LNJ04, LB09, MSK03, MI01, MM03, MOK06, NP06, Nis93, OP97, Par04, Shi04, SSMG95, WGL92, YJA03, ZY90, ZGCM00]. **event** [ABB+03, GKIZ05, HMP04, KN06, ONHT89, She00]. **event-based** [KN06]. **event-driven** [ONHT89]. **events** [Ano96a, RT06]. **eventsensional** [Ano96b]. **Evolution** [JCSS01, Dub91, DMN+05, EL98, JL95, Moo99, RS99]. **Evolution-based** [JCSS01]. **evolutionary** [ACML05, EL98, Hen87, JC09, LKG08, Nos98, OVDV98]. **Evolving** [EL98, LLWN04, SW99]. **EWSL** [Ano86h]. **exact** [HHG05, Röb05]. **Examination** [ZMS+06, ABdL+03]. **example** [DFSZ88, KA88]. **examples** [GJS+94, tTvH96]. **exchange** [AC92, GPK05]. **excited** [REM04]. **execute** [CTF+99]. **executed** [HLvL+97]. **Executing** [WS05]. **Execution** [ABF93, CM01, AKPN01, AR98, BBBD01, BKSS02, BFC02, CY90, Dup90, FX07, GR96, GMEL08, GL04b, KP00, MTNM08, OP95, Pal09, SM01b, ZT90, ZT91]. **existing** [GJS+94, Hab05, KY85]. **expectations** [Nis93]. **Experience** [BHH+93, CR92, Oku92, Luk89, RvdSB+03, RRS99, YJA03]. **Experiences** [KB09b, MPB+07, ABB+03, ACE02, GMS09, Jon00]. **Experiment** [DGS09]. **Experimental** [GGH+03]. **Experiments** [Hey90, PEG05, Vre88, Vre89, BPP+07, GL04a, MCSS00, MGH+05, MVT+99, PKSC02, YA02, CN92]. **Expert** [Coo86, Hir89, Van87a, vdR86a, Ano87m, BT93, DFT92, DW87, EO86, Gil85a, Han89, Hen87, Kag89, Kom89a, Mar86, Mat89, Miz89a, OS92, Par87, Pud87, Ste85, Tak89a, Tak89b, VM93, WYN+90, Yam89, YWA+89, Zem86, vdR87f, vdR87d]. **expertise** [Zad87]. **explicit** [HV92]. **exploitation** [KLM+05]. **Exploiting** [Joh89, NSI02, Zha93, ADK+09, RG04, ZS90]. **Exploration** [BKS98]. **explorations** [SSC09]. **exploratory** [Tak05]. **Exploring** [ABdLL05, LB03, AMB03]. **Exponential** [EL03]. **exponents** [DE03]. **exposing** [BBW08]. **Express** [WKF03]. **Expression** [Ref87]. **Expressive** [Par90, Avg00]. **Extended** [ZYXL05, AC92, DDV92, dB90]. **Extending** [CS96, SY04, Ste92, TG04]. **extensible** [BMRW01, GB99]. **extension** [GPA96, SPK+07]. **extraction** [GKIZ05, WM07].

F [Teb86, Zem86, vdR87g, vdR87i]. **fabrication** [SKT02]. **facial** [SGL99]. **facilitate** [SHJ06]. **facility** [RG04, LRJ+06, SDBdL06]. **factor** [ADKS06]. **factorization** [MvdV01]. **FAIL** [HTV07]. **failure** [HWS07, vdR93a]. **failures** [DLW07]. **fairness** [KV09]. **FAM** [KKYK04]. **FAN** [CG09]. **far** [BBJ+06]. **far/near** [BBJ+06]. **farm** [BFLL99, Bro92]. **farms** [NP03]. **Fast** [HYS04, Pan95b, SO98, BM00, KKHS01, LN94, VBLS09]. **Faster**

[BRMN04]. **Fault** [AFP07, LAM07, PCBD99, Xia06, AMH02, ASTEP98, BCH+08, CdCD07, FD02, Han89, HTV07, KA08, KL02, LHB95, LSTV07, LS01, LS08, PWY03, SG05, Suz89, THKG98]. **Fault-Tolerance** [PCBD99, CdCD07]. **Fault-tolerant** [LAM07, Xia06, AMH02, LHB95, LS01, LS08, PWY03, THKG98]. **FCI** [HTV07]. **FCN** [FC09]. **Feasibility** [AKW90a, AKW90b]. **feature** [BM00, PdLS+99, SK06, WM07]. **feature-based** [PdLS+99]. **features** [DGST09, HO02, KGW95]. **featuring** [LLH+03]. **Federate** [CYLT05]. **Federated** [SVC+07, LHL09, TS08]. **federation** [FLPP05, RHB08]. **federative** [HB00, Joh92]. **feedback** [WWSM98]. **Feedforward** [JL98, RM97]. **FEM** [BBJ+06, GNOY01, LF95b]. **FEM/FVM** [LF95b]. **few** [Amo06, DE03]. **FGCS** [Mes02, Nis93, Ser95]. **Fiber** [HICÁFM+06]. **field** [BBJ+06, PdLS+99, SZ98]. **fields** [MJ98]. **Fifth** [Her84, HV84, TR85, Ais88, Fur92, Lin84, vdR86b, Ano86i, FS93, KI89, Sti93, vdR93a, vdR93b]. **File** [KLSS05, ACC+05b, Doğ09, GCCC+07, GD05, MM08, PCG+06, SPK+07, WX02]. **File-based** [KLSS05]. **file-sharing** [MM08]. **files** [SCY01]. **filesystem** [MCQ+07]. **filling** [SW05]. **filter** [TM05]. **filtering** [PCB99]. **finance** [BS04, Par94]. **financial** [Kea93, TMTY05]. **finding** [DvdHGdL09]. **Findings** [WBMP99]. **fine** [LC03]. **fine-grained** [LC03]. **Fingerprint** [MPH00]. **Finite** [Tab06, ÅO06, BVDF00, CS93, LDS06, SW05, Tho06, WAE06]. **fire** [ACML05]. **First** [Gil94, SLZ95, BT93, HRJ+06, Par87, WRBG94, SO98]. **First-principles** [Gil94, WRBG94]. **five** [Bal92, Van87b]. **Fixed** [Fio06, CFVP03]. **Fixed-point** [Fio06]. **fleet** [OVDV98]. **Flexible** [dKdOS03, BBW08, BLRS98, PCG+06, PKSC02, tTvH96]. **Floating** [FGG03]. **flocculation** [vOB95]. **flock** [ELvD+96]. **floor** [DDV92]. **Flow** [Ama88, Ama89, BKS98, BDNN02, SCP09, WMN+01, AKH+04, CH95, ED04, GKS05, GY90, HORC04, HvHAS04, RV95, SdSP04, VWCV94, VFS01, vM94, CG09]. **Flow-Aware** [CG09]. **flows** [AJZ+02, ABdL+03, CDRS05, DS04b, GL95, IOO04, LF95b, Prz03, RŻDM01]. **fluid** [CM99, Wes99]. **fluids** [FPdS04, NEJP94]. **flying** [VLC03]. **focal** [Ram95]. **folding** [DCK03]. **folding/unfolding** [DCK03]. **foliations** [MPQ03]. **forces** [LKM91, PO00]. **Forecasting** [PSP+09, LFWV05, WSH99]. **forest** [CY90]. **Foreword** [LL04a, Mes02]. **FORK** [HSS92]. **form** [Tho06]. **Formal** [BHH91, BHH92, AHdJF97, Szu01]. **Formation** [MCA02, DDL01]. **forming** [HW95]. **forms** [EL03]. **formulations** [SS03]. **forthcoming** [Ano94e]. **FORTRAN** [RBS93, Ben99, CMZ95, Din99, dSL98]. **forums** [EV99]. **Foundation** [FPX+09, NSF87]. **foundations** [FLPP05]. **Fourier** [DDL01]. **fractal** [NCS04]. **fragmented** [CC07]. **frame** [KTM+08]. **Framework** [SdR99, BvdV99, BBW08, BFL99, BORM07, Boa04, BAD+05, CWD04, CSW06, CCLS09, DCS+07, DPP03, EV96, FvLTT98, FB93, GR96, GPK05, HAF00, KFF89, KV09, LS07a, LS07b, Lau01, LJ07, LM07, LS08, NZQ07, OK02, PADD03, PF01, PB05, PVBH05, PSS01, QP08, SSB05, Ven09, VWD+08, YD05, dNE05, AW03]. **frameworks** [Pap05]. **France** [Zna94]. **Free** [Ano86i, Ano87b, Ano87c, Ano87l, Zad87, BS04, BB06, CMO03, LGMV02, Ray05]. **free-boundary** [BS04]. **frequency** [CP06, MC00]. **friction** [Ned06]. **friendly** [KBB+09]. **FTA** [VR00]. **Fujitsu** [Uch86]. **full** [AC92]. **Fullerenes** [She04]. **fully** [IST04]. **Function** [VV92, NK05, Omo91]. **Functional** [ABF93, BS91a, IEG04, BS92, DMM+99, DRS04, DD07, HK88, HRJ+06, MSS02].

functionality [MCQ+07]. **functioning** [BRS04]. **functions** [Dua94, KDE04, vdR87h]. **fundamental** [Hul89]. **fundamentals** [Kag89]. **furnace** [YWA+89]. **Fusion** [KFP+02]. **Future** [Car03, CRM05, KSM+07a, LKM91, MR04b, NHG03, Ano87b, Bis94, BHD09, DD86, Ful91, Fur92, GMS09, Hul89, Kim07a, Nag86b, SB99, Slo06a, Slo06b]. **fuzzy** [PB05, ZL04b, vdR87f]. **FV** [GL95]. **FVM** [LF95b]. **FY** [NSF87].

G [vdR87g, vdR87h, ABG02, BGH+03, GRPL04, HBJ+03, THN+06, WBF08]. **G-lambda** [THN+06]. **G-PM** [WBF08]. **GA** [CEGL01, LLWN04]. **GA-based** [CEGL01]. **games** [PN09]. **gas** [CH95, DC00]. **gases** [Bog99]. **gate** [DCK03]. **Gauss** [HPP94]. **Gb** [ABB+03]. **GCel** [vOB95, Cro95, RV95]. **GCel-3** [Cro95]. **GCel-3/512** [Cro95]. **GCR** [VFS01]. **GECEM** [LW08]. **gel** [CGH04]. **gel-based** [CGH04]. **GEMMA** [BPP+07]. **GEMS** [WBT+08]. **Gen** [MR04b]. **Gene** [STP+05, DMN+05, TBD+02]. **Gener** [KSM+07a]. **General** [HHG05, SL97, Zna94, AKW90b, LDSH95, WHP09]. **general-purpose** [AKW90b]. **Generalized** [KY04, IS03, MvdV01, SKT+08, SA97]. **Generalizing** [PPH+09]. **generated** [HHG05, PO00]. **Generating** [GKS05, TSZP99, DK00]. **Generation** [BDF+99, Her84, HV84, Kow85, KI89, NHG03, Slo06a, Slo06b, Sti93, vdR93b, Ais88, Ano86i, BP02, DDS+09, DR05, Fur92, GODM98, GZ04, HJK+04, Kim07a, Kow84, Lin84, MWC+03, PO00, Par87, PFMC04, Ste85, TDL05, TR85, WYN+90, ZGCM00, vdR86b, vdR93a, FS93]. **generator** [Tan02b]. **GeneRecon** [MPB+07]. **generic** [BCW01, DVVD02, GdLvOT03, Tis07]. **GENESIS** [RG04]. **Genetic** [LOJ+07, AT01, CPK05, CFG93, DMN+05, GRH05, GODM98, KKP+05, LYQ06, LLWN04, LS01, TMT+07, SMI01]. **genetic-based** [LS01]. **GENIUS** [ABF+03]. **genome** [SLS+09]. **genomic** [Sin07]. **genotype** [MS03]. **Geocomputation** [XSJ04]. **geodesic** [DE03]. **geodynamics** [BN06]. **geoenvironmental** [CTMO06]. **GeoFEM** [GNOY01]. **geographically** [AGJN00]. **geological** [XSM04]. **geomechanical** [WAE06]. **geomechanics** [BN06, HND06]. **Geometric** [DP03a, PdLS+99]. **Geometries** [BKS98]. **geometry** [DFG+00]. **Georgia** [vdR86b]. **GF11** [KB92]. **GHolo** [BdCYG05]. **Gigabit** [MGH+05, GGH+05, HJCD05, WTC+02]. **Giganet** [HO02]. **Gill** [Ano87c]. **GIS** [LNJ04, LD04, TG04]. **Givens** [DV03]. **Global** [LLH+03, PdLS+99, SWCP03, WKZ+03, DR03, Dzw97, ESFD06, GCCC+07, NSS99, STH+98, Shi92, SBdL09, UWV92, LRJ+06, SDBdL06]. **global-bus** [UWV92]. **globally** [GS05]. **Globus** [BMFC07, FK99, LC05]. **Globus-based** [BMFC07]. **GLORIAD** [JHL+06]. **GMPLS** [Pal06, THN+06]. **GMPLS-based** [Pal06]. **GMRES** [BB04]. **government** [Nag86a]. **GPS** [HYS04]. **GRADE** [KDFL99, KKS08, WDD00]. **gradient** [Cro95, Ven08]. **gradient-based** [Ven08]. **GrADS** [YD05]. **Graduate** [HY03]. **Grain** [Vre88, HV92, Vre89]. **grained** [LC03]. **GrAL** [Ber06]. **grammar** [HK88]. **grammars** [BM00, Hal88, Rus90b]. **Grand** [Hul89, Kol89, Wil89, Rho89]. **Granularity** [ABF93, AR98]. **GRAPE** [CLP95]. **Graph** [KB00, Vre88, BK97, BHK90, Büc05a, DL04, Gut00, KSAOK08, RSV90, Vre89]. **graph-based** [Gut00]. **graphical** [BFL99, KDFL99, SSKF95]. **Graphics** [LM90b, Igl04a, MJ00, SLDK03, SW06, TDL05]. **graphs** [Sap88]. **gravitating** [KMN+05]. **gravitational** [Fin99]. **gravitational-wave** [Fin99]. **GRB** [ACE02]. **GRB-GSIFTP** [ACE02]. **GRED** [KDFL99]. **greedy** [SK05]. **GREMLIN**

[Höf03]. **Grid** [CF09, KSM+07a, MFE+08, SGH+08, TJLT00, VBP03, Zhu07, Aba06b, ABG02, AAB+07, AG05, BGL08, BdCYG05, BBG+05, BBLP05, BGH+03, BS04, BGL+05, BX04, BGK+05, BCB+07, CTT02, CDF+05, CGT07, CS05, CCLS09, DLW07, DHB02, DDM+08, DSS07, FMS08b, GRH05, GHWZ94, GMB+05, GLM+08, GP09, HWS07, HZC+08, HB08, HY09, HCL07, HML09, HMP04, KKS08, KTY03, KA08, KB09a, LL04c, LC05, LYMZ09, LWSC07, LLSH07, MCQ+07, MMVV08, MJ06, NHG02, NHG03, PP07, PSR+07, PEG05, PBB+05, RSSD02, RvdSB+03, SVC+07, SAMN02, SPCL04, SPEW09, SD07, SBA+05, TMT+07, TMTY05, VLC03, VF01, WSS+09, WL05, WHP09, YHJC05, YD05, YdOLS+05, ZS05a, ZSI08, ZZ09, CCG07, FR08, MVRM08, MSKT07, AMD08, AFP07, ACC+05b, ABB+05, ABB+03, AT02, ADF+05, AN08, ADK+09, BGJ+06, BMFC07, BCT+07, BPP+07, Ber06]. **Grid** [BLAV06, BST+08, BCMA07, CCM07, CGM+07, CSJN05, CTT+08b, CC09, CCHW03, DCS+07, DMG+08, DKD08, DS08, DMZ09, ET08, EPJ+05, FGCM07, FT07, FS07, FM08, FdSC07, GR09, GRPL04, GFR+06, GMA07, GMS09, GGM+09, HBH09, HT02, HSH+07, Hua05, HPLL08, HPLL09, HML07, ILJ+08, JAA07, JF05, KT08, KA09, KBM+02, Kim07a, hKcF09, KV09, KMK09, KBB+09, KSM+07b, LS07a, LTOT07, LWHC07, LvSW+04, LGW07, LB09, LKG08, LOJ+07, LW08, LSTV07, LK08, LJW08, LBB+09, LS08, LWHS07, MTNM08, MLD08, MKT09, Mes02, MHA09, NSP07, NHG06, NJW+06, NK07, Ole07, Pal06, PKC+05, PW09, PSA+09, PT05, PGPW09, PSP+09, Pro07, QP08, SBHD08, Sin07, SSF+09, SLS+09, SSK+08, SDD+09, SJTG07, SVB07, SHLB08, TMV+07, THN+06, TLYT05, TLTY06, TG07, TKT+08, TDF07, TBNF09, VGBLGS+06, WH05]. **Grid** [WC06b, WC06a, WS05, WBT05, YLC+06, ZL04b, Zhu04, Zhu07, ZDR07]. **grid-aware** [MMVV08, PSR+07]. **grid-based** [BGH+03, GHWZ94, AN08, DMG+08, DS08, NSP07, PSP+09, VGBLGS+06, YCX05]. **grid-enabled** [GLM+08, LWSC07, MJ06, ABB+03, EPJ+05, FS07, NJW+06, PKC+05]. **Grid-enabling** [KT08, SSK+08]. **Grid-like** [Ole07]. **Grid/distributed** [hKcF09]. **Grid/P2P** [Kim07a]. **Grid2006** [BGL08]. **GridFTP** [ACE02, CG09, RKSU08]. **GridICE** [ADF+05]. **Gridification** [VWD+08, MZC08]. **GridLab** [SAMN02]. **gridless** [BVDF00]. **gridmap** [ACC+05b]. **gridmap-file** [ACC+05b]. **GridNetworks** [SCP09]. **GridR** [WSS+09]. **GridRPC** [CCDS08, SKT+08]. **grids** [ACC+05a, ABM+07, ABF+03, AR07, CCL07, CGL08, CD08, DT08, FLPP05, Fra08, IT05, KFC+07, MPPM09, OK02, PGSM05, PX07, PPH+09, PPSS06, SBG+09, SMK05, SGH+08, TV08, VDPHS09, WFC07, ZCW+04, vOHD+05, vdS04, GHWZ94, CC07, CCL09, CT09, CGST09, DFC+08, DRNMC09, Dog̃09, EGK+07, FMS08a, GCCC+07, Joh02, KFP+02, KNK+08, KTM+08, LS07b, LHL09, LVH08, LKA+08, LK08, MFP05, MTV05, MHA08, MV09, NZQ07, OVK+09, Pal09, PH07, PK08, Qin07, SYT09, TDV+08, TTP+07, VLK09, YYW+09]. **GridSim** [SPBT07]. **GridX1** [AAB+07]. **Griz** [RvdSB+03]. **Groot** [vdR87h]. **Group** [HWW04, BKSS02, BC03, BDL06, CMO03, CYH04, Fio06, LM07, MPQ03, NKX09, PP06]. **group-key** [NKX09]. **Group-oriented** [HWW04]. **grouped** [LYQ06]. **grouping** [GMEL08, Mor01]. **groups** [CWD04, LPE08, NSI02, ZDR07]. **growth** [SUD+98]. **GS1000** [LM90b]. **GSC** [GML99]. **GSC-II** [GML99]. **GSiB** [Hua05]. **GSIFTP** [ACE02]. **guaranteeing** [MKT09]. **guarantees** [KV09]. **Guest**

[AB01, AD00, Ano01c, BJC02, DHS00a, DDS00, Flu03, HP92, HB98, Kaa98, KK00, LBR02, LC01, SG95, Tan02a, Wil00, ZEO01, vdR93a, Kaa99]. **guided** [EdBG+99]. **GuiGen** [RSSD02].

H [vdR87f]. **H2O** [SSB05]. **HA-OSCAR** [LSLS05]. **Hall** [vdR87h]. **Hallam** [vdR87a]. **Hamiltonian** [MR04b, Amo06, MR03a]. **Handling** [Goo01, HSS00]. **handover** [PSL+04]. **haptic** [WWSM98]. **hard** [KV09]. **Hardware** [TBK06, DSS98, HHSW92, Hum92, NWE04]. **hardware-based** [DSS98]. **Hardware-oriented** [TBK06]. **harmonic** [BB04, KDE04]. **harness** [PL96, BDF+99, FD02, MS01]. **Harrod** [GDRS04]. **hash** [JFDF09]. **HASTE** [PPJ95]. **Hawaii** [Hul89]. **Hayes** [Zem86]. **Hayes-Roth** [Zem86]. **HD** [JHL+06]. **health** [Pol98, PPSS06, PPAK99, Wit94]. **heart** [LGS+07]. **help** [Ueh89]. **HEMT** [Abe92]. **heterarchy** [DS04c]. **Heterogeneous** [GBA+09, Sun92, ACGdT02, BL02, CBK+01, CG02, CKFJ06, CS09, CFG+05, DZ04, DRNMC09, DY04, EW97, Fer96, Höf03, HCL07, HXL90, Kos95, MM03, OVDV98, Öst92, PBB+05, Shi04, WC01]. **Heuristic** [Bal91a, WL05, JM01, MC00, THKG98, ZZ90]. **heuristics** [GODM98]. **Hierarchical** [LOJ+07, ASTEP98, CFGC03, EV96, EWG99, HV92, HML09, LKG08, LLZ07, OSCY93, ZDR07]. **hierarchically** [CBK+01]. **Hierarchy** [ZZ90, LHC03]. **High** [AB01, BBC+99, Bhu95, BM92, Bis94, CST92, DRS+97, Gen95, GAB+96, HSS92, HML+06, HJPS03, KPB+03, KKK07, MFP05, SEH99, Ste94, WBF08, Aba09, AFP07, ABB+03, ACU95, AMW99, AB03, BL98, BMFC07, Ber96, BCS99, BS04, CGT07, CWD+08, CHJ+04, DCS+07, GNOY01, GGH+06, GGSZ09, HHSW92, HDC+94, HAE+03, HG92, HAB+06, JM02, KBM+02, KSM+07a, KSM+07b, Lau01, LSLS05, LRJ+06, LC01, LLSR02, MI01, MR03b, OS01, PH99, PCB99, RJH+09, Reu03b, STH+98, SGFS01, SB97, Sch03, SLDK03, SRG+03, SRCR97, TSZP99, VBP03, Wit94, Ben99, CMZ95, Din99, HB98, Lid99, LBB+09, Wil00, dSL98]. **High-definition** [HML+06]. **high-dimensional** [BS04, CHJ+04]. **high-energy** [ABB+03]. **high-latency** [ABB+03]. **High-Level** [HSS92, WBF08, BMFC07, KSM+07a, KSM+07b]. **High-Performance** [BM92, AB01, BBC+99, Bhu95, GAB+96, SEH99, Ste94, Aba09, AMW99, CWD+08, GGH+06, HHSW92, KBM+02, LLSR02, MI01, Reu03b, STH+98, SGFS01, SB97, Sch03, Lid99]. **high-quality** [TSZP99]. **High-resolution** [KPB+03]. **High-speed** [MFP05, AB03, HG92, HAB+06, SRG+03]. **higher** [Dal06]. **highlighting** [SS04]. **Highly** [SBSdL06, BLRS98, JM01, KSY92]. **Highway** [HICÁFM+06]. **hints** [dNE05]. **historical** [PGPW09]. **HLA** [BKK02, CYLT05]. **HLA-based** [CYLT05]. **hoc** [GR07, LBYL08, LM07, MV09, SM01a]. **holds** [PM00]. **holes** [SHB89]. **Holland** [vdR87c, vdR87e]. **Home** [HMC06, SLO+05b]. **Home-based** [HMC06]. **homogeneous** [Höf03, HXL90]. **homologous** [BORM07]. **homotopy** [CFVP03]. **hop** [GNWT05]. **horticulture** [KH89]. **Horwood** [Ano86i, Ano87b, Ano87l, vdR87d]. **hot** [HSH+07]. **Householder** [DV03]. **HPC** [BHRT98, DMSS97, PA01b]. **HPCN** [EV98, Mur95, Par94, Ros94, Wal94]. **HPCN96** [SL97]. **HPF** [Ben99, BCW01, CMT01, MBFC99]. **HPF-like** [CMT01]. **Huard** [HPP94]. **Hubert** [Zad87]. **human** [DMMP98, DIK+06, KZC04, Pag99, Zad87, vVDBB98]. **humanities** [BHD09]. **humanoid** [NMA00]. **hundreds** [KTY03]. **Hybrid**

[SvAS01, Ban02b, Boa04, BKK02, DS00, ED04, GDRS04, HQ07, HG92, KKL06, LYMZ09, Low01, MV09, SSS02, TMT+07]. **Hydrodynamic** [NCS04, RBS93]. **HyO** [DL04]. **HyO-XTM** [DL04]. **hype** [BYV+09]. **hyper** [DL04]. **hyper-graph** [DL04]. **hyperbolic** [NB04]. **hypercube** [FHG95b, Shi92]. **hypercubes** [Xia06]. **hyperspectral** [PM04]. **hypre** [FJY06].

I/O [Aba06a, BFK02, CkLC06, Geo02, HMC06, OK02, SM96]. **I/O-intensive** [CkLC06]. **IAN** [LG08]. **IBP** [BBLP05]. **IBPster** [ASPB03]. **ICOT** [BY93, Kuo86, Tic93, Uch87]. **ideal** [FPdS04]. **ideas** [Pin87]. **identification** [DCS+07, SK06]. **ideology** [Sap88]. **IEEE** [BGL08, CF09]. **IEEE/ACM** [BGL08]. **IFC** [Ano02b, Ano03h]. **IGrid** [GGH+03, DBdL03, SDBdL06]. **iGRID2002** [MWC+03, CALN03, LLH+03]. **iGrid2005** [GdBW06]. **II** [vdR87c, GML99, WGL92]. **III** [KGW95]. **illustration** [Avg00]. **ILU** [KZC04, LN94]. **ILU-relaxation** [LN94]. **image** [BDNP92, CEGL01, CEJK94, EFD00, FP03, GML99, HYS04, KKV+99, KE85, LLWN04, MGLV04, OCdAM07, PK99, Pet95, PCM99]. **imagery** [EdBG+99]. **images** [BCT+07, CCM98, MLSO01, RICW00, SGL99, SMC99]. **imaging** [DMMP98, DMM+99]. **Immersive** [WKF03, CN98, RMM+98]. **IMMSIM** [PKSC02]. **Immune** [BCS99, ED04, KRLR01, PKSC02, ZZN04]. **impact** [Car03, Dub91, TLTY06, WAD+89]. **implement** [HHSW92]. **Implementation** [BS91a, CYB90, CCKW88, DCK03, EPJ+05, GL95, GSD95, MMVV08, MD92b, Pit96, SMI01, WMN+01, mM95, ABG02, AKMK05, ACGdT02, ABK94, Ber96, BS92, BG05, BL92, CMZ95, CS05, CY88, CD99, DHS00b, DvdHGdL09, GD93b, GY90, GC94, JLU03, LJY04, LL04b, LY90b, LH07, LC03, Luk00, LMH+09, MVT+99, Mur88, OBK88, PR95, PSR+07, SM96, VVC+03, VSM02, VS88, YJA03, YdOLS+05]. **Implementations** [VSvD95, Ano86i, NSS99, Ref87]. **Implementing** [CS93, YJA03, HS98, Pap05, RM97]. **implications** [PR95, vdR87d]. **implicit** [ID98]. **importance** [MS03]. **impression** [vdR87l]. **improve** [LK08, SMC99, ZMS+06]. **improved** [KKYK04]. **improvement** [Hol93]. **Improving** [Dua94, PKC04, SS04, TS08, AB95, HBCR01]. **in-core** [CKFJ06]. **In-VIGO** [ACC+05a]. **incentive** [RHB08]. **incentive-based** [RHB08]. **including** [LRMC94]. **incomplete** [MvdV01]. **incompressible** [VFS01]. **incorporating** [SPBT07]. **Incorporation** [GMB+05]. **increase** [LVH08]. **Increment** [SS03]. **incremental** [PVBH05]. **increments** [Tor04]. **independent** [Fio06, Ger02, LHL09]. **independently** [BSCC06]. **Index** [Ano00a, Ano00b, Ano01a, Ano01d, ÅO06, Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92h, Ano92i, Ano93a, Ano93i, Ano94a, Ano94b, Ano94g, Ano95a, Ano95h, Ano98a, Ano98c, Ano02a, Ano02c, Ano03a, Ano03i, Ano04a, Ano04b, Ano05f]. **indexing** [KCK04, SLŽ+09, ZQZZ09]. **indices** [TBD+02]. **individual** [Sch01, Mor01]. **Individual-based** [Mor01]. **Induced** [vOB95]. **Industrial** [CHK98, Gal87, LG08, Luk00, Sch94, Sin84, Smi86, LG08]. **Industry** [Kaa99, Mur95, BGR+99, Kaa98, LPC+95, Ros94]. **Inexact** [BMZ01]. **Inference** [AP96, BB84, Her84, HV84, KKYK04, Bal93, DD86, Uch87, BB85]. **inference-making** [DD86]. **infinite** [Tab06]. **INFN** [ABB+05]. **INFN-Grid** [ABB+05]. **informatics** [KZBK99]. **Information** [AFP07, ABMS05, FMD99, Kim07b, SR03, Ano84a, Ano86j, BRR+04, BDNP92, Car86, Dek86, Dub91, EV98, FMS08b, GB99,

HYC04, JL08, JC09, KKYK04, KH89, KK97, LXLS09, LC03, MSKT07, Mar98b, Mar98a, Mar99b, MS03, Nag86a, PKC04, PGPW09, SPCL04, SNA92, Wal86, WBT05]. **Informatique** [Ano85a]. **infrared** [HYS04]. **Infrastructure** [AT02, BCT+07, Car03, CO03, CD08, GdBW06, GNWT05, Hua05, JLU03, KBB+09, NSS99, STTK03, SP93]. **infrastructures** [PT05]. **initial** [SSMG95]. **Initiation** [OVK+09]. **initiative** [DR89]. **initiatives** [dLRW03]. **initio** [LDSH95]. **injection** [HTV07]. **innovative** [KTM+08]. **input** [Aba06b]. **input/output** [Aba06b]. **ins** [MS01, HYS04]. **Insights** [Cur92, KF00]. **inspired** [ZEO98, ZEO01]. **instance** [Leo01]. **instance-based** [Leo01]. **instances** [BKSS02, Leo98]. **instantaneous** [MRV01]. **Institutes** [Van87b]. **instruction** [GD05]. **instructions** [Goo01]. **instrumentation** [BP01, MPPM09]. **instrumented** [GD93b]. **integral** [de 94]. **integrate** [BFLL99, PBB+05]. **Integrated** [CT09, SDBdL06, BCMA07, DZJ+00, Dui89, GDRS04, IdLR01, LY90b, Ref87, STTK03, SKT02, WG91]. **Integrating** [BCMR01]. **Integration** [AFF+09, AKW90a, AMB03, CGST09, DPP03, DDR+07, HYC04, MR03a, MR04b, SGY+07, Sin07]. **Integrative** [LGS+07]. **integrator** [JL03]. **integrators** [DV03, IS06, MPQ03]. **integrity** [OB04, SL87, SHJR04]. **Intel** [FHG95b]. **Intelligence** [Kow85, vdR87a, All92, Ano86l, Ano87b, Ano87c, Ano87l, DD07, EO86, How91, Kow84, Lop96, MCA02, Niw89, RBC+88, Sch85, Szu98, Szu01, Wii84, vdR87b, vdR87c, Ano84e]. **Intelligent** [KH89, KK97, MTNM08, CSJN05, IMKB89, KFF89, KRLR01, MWC+03, Ueh89]. **intensive** [BPS+03, CkLC06, MFP05, Pal09, Pet95, SY04, TJLT00]. **Inter** [DVV90, DDR+07, GS95]. **inter-enterprise** [DDR+07]. **Inter-process** [DVV90]. **inter-stream** [GS95]. **interacting** [DS04c]. **Interaction** [ZAP05, IT05, MJ06, ZS05b]. **interactions** [Kni89]. **Interactive** [EdBG+99, JHL+06, PF01, PK08, RS99, BDL06, DK00, HML+06, IJLC03, KLC05, KKL09b, PPAK99, SBSdL06, Sch98, dNE05]. **interconnection** [ADKS06, JAA09, Shi92]. **interconnects** [CkLC06, PBHK01]. **intercontinental** [PBC+01]. **interdisciplinary** [GFGB03]. **interest** [SMC99]. **interface** [AAB+92, BJWZ08, BMFC07, BCW01, DLR+09, MTKS00, OFO+99, DKD08]. **interfaces** [BFL99, Büc05a, FJY06, Kam85, PNH99, RSSD02]. **Interfacing** [HC99, PL96, HML07]. **interference** [Höf03, SdSP04]. **interferometer** [Fin99]. **InterGroup** [BAC02]. **interleaving** [BM08]. **intermediate** [CEJK94]. **Intermittent** [JM02]. **internal** [KKL09a]. **International** [Ano86j, CF09, SST+06, BGL08, LRJ+06, DBdL03]. **Internet** [BBM+03, DRNMC09, KKYK04, NCCS99, PSVL02, PH99, PM00, She00, SZGbC04, YA02]. **Internet-based** [DRNMC09]. **interoperability** [KKS08]. **interoperable** [HESM99]. **interpolation** [DS04a]. **interpretation** [Hal88, NSHP88]. **interstellar** [DRS04]. **interval** [CPK05, Dal06]. **Intranet** [PPAK99]. **Introduction** [Ano86k, Fre84, Igl04b, Ano86g, MMR02, FS93]. **introductory** [BLB03, Ray05]. **intrusion** [HRJ+04, MC04]. **intuition** [Zad87]. **intuitive** [GGW+09]. **invariant** [HV03]. **Invariants** [JK92]. **invention** [Bur02]. **inverse** [Del06, PBT02]. **Investigating** [PO00]. **Investigation** [MS03, BP01, GDRS04]. **invocation** [BCFS02]. **involved** [GDRS04]. **involving** [SPM86]. **ion** [SBS98]. **Iowa** [CN98]. **IP** [AMH02, DvdHdL06, MK04, SWCP03, YCX05]. **IP-based** [AMH02]. **iPSC** [BP94, FHG95a, FHG95b]. **iPSC/2** [BP94, FHG95a]. **iPSC/860** [FHG95a, FHG95b]. **IPv4** [KKK07]. **IPv6**

[BBLP05, LLH+03]. **IQ** [Szu01]. **iRODS** [HBH09]. **Irregular** [VV92, BCMR01, BS04, BFK02, GCK98, SBHD08, dSL98]. **ISA** [Goo02]. **ISDA** [WBMP99]. **Ising** [Coo90]. **Isospectral** [Prz03]. **Isospectral-like** [Prz03]. **Issue** [Mes02, Kaa99]. **Issues** [BvdBM+93, Dek86, LWHS07, CMT01, FD02, GBT87, TG07, Var00, SM96]. **Item** [Ano97d, Ano97e]. **Iteration** [BW97]. **Iterative** [KKHS01, RN04, BJNH05, BGC+03, Čie04, HV03, dSL98]. **ITIS'98** [EV99].

J [vdR87a, vdR87f, vdR87g, vdR87i, vdR87j, Reu03a]. **Jacobi** [BvdHN+01, BV04]. **Jane** [PF01]. **Janet** [BKŁ01]. **January** [Hul89, Rho89]. **Japan** [Ano87m, Fuk85, Kag89, KA88, Miz89a, Nag86a, Sas85, Wii84, Yat88]. **Japanese** [Ano84h, FS93, Kas85, Lin84, Van87b]. **Java** [ADT03, AC01, AG05, BBBD01, BP01, Ber00, BKŁ01, BFW+03, ESPP01, FW02, GW01, LTOT07, LP01, Lau01, LJ07, LRW01, MI01, MJ00, SM01a, SEH99, SH99, SM01b, YdOLS+05, ZMN99]. **Java-based** [YdOLS+05, ZMN99]. **Java/CORBA** [LRW01]. **JavaBean** [FCW01]. **JavaBean-based** [FCW01]. **JavaBeans** [PSS01]. **JavaSymphony** [JF05]. **Javelin** [NCCS99]. **JCASim** [FW02]. **JGRIM** [MZC08]. **JIMM** [Jon00]. **Job** [CCL07, Fer96, LBB+09, BCB+07, CCL09, GRH05, GR96, HXL90, LYQ06, RNJK09, SDD+09, TLTY06]. **Job-** [Fer96]. **jobs** [KNK+08, PGPW09]. **John** [Ano87c]. **Johnson** [Her87]. **join** [CC98, YdOLS+05]. **joint** [Gal87]. **Jorrand** [vdR87c]. **Josephson** [Kaw92]. **JSBricks** [BBBD01]. **JSIM** [MSX00]. **junction** [Kaw92]. **JUNET** [MK88]. **JXTA** [HD05, SZC05]. **JXTA-based** [SZC05].

Kalman [TM05]. **Karamjit** [Ano87c]. **KBS** [SP93]. **KDD** [DSSU97, FS97]. **KeLP** [MBFC99]. **KelpIO** [BFK02]. **Kerberos** [MPPM09]. **kernel** [HKT94, RT06]. **kernels** [BFR05, CGSZ95, JNPY06]. **Key** [DCL00, ZDR07, LCP04, LBYL08, LM07, LHC03, LYT+05, NKX09, PM00]. **keyboard** [Ale97]. **Keys** [EHMS00]. **Keystroke** [MR00]. **keyword** [SA07]. **Kites** [VLC03]. **KL1** [Bal93]. **Kluwer** [vdR87f]. **Kluzniak** [Teb86, vdR87i]. **knapsack** [VDPHS09]. **Knowledge** [Chv87, DD07, How91, SPCL04, SNA92, TY85, Wal86, Wie85, Zhu07, Ano86j, BPAP92, CSC+92, DL04, EO86, EdBG+99, Hol93, KFF89, Kim07a, Mae89, NSI84, Nis93, Ohy89, OFT09, PP07, Qu04, SY04, Van87b, YMM00, ZY90, dLLA93, vdR87l, ZL04b, vdR87g]. **Knowledge-based** [How91, SNA92, Ano86j, CSC+92, Hol93, KFF89, Mae89, Ohy89, dLLA93]. **knowledge-guided** [EdBG+99]. **knowledge-intensive** [SY04]. **KOAN** [BP94]. **Kogan** [vdR87b]. **Kowalski** [Ano84k]. **Kronecker** [BPS06]. **Kruse** [vdR87k]. **Krylov** [Dat03]. **KSR** [LF95a]. **KSR-1** [LF95a]. **Kurganov** [NB04]. **Kutta** [CP06].

L [Zad87]. **Lab** [BGJ+06]. **laboratories** [AKB+01]. **laboratory** [BGH+03, GRPL04, GFGB03, DBdL03]. **LaCoS** [BHH91, BHH92]. **LADY** [WB90]. **LAIOS** [Dup90]. **Lambda** [LRJ+06, SDBdL06, MGYC06, THN+06, CT09, GdBW06, PW09, TDV+08, YLC+06, THN+06]. **LambdaGrids** [NF07]. **LambdaRAM** [VBLS09]. **LAN** [HO02]. **Land** [LNJ04]. **Land-use** [LNJ04]. **lands** [CALN03]. **Language** [Ano86l, BS91a, HSS92, Ano85g, AP96, BY93, BS92, DHS00b, ES94, RBC+88, ST98]. **Languages** [CMZ95, Bal92, BL92, JBA94, MRV92, MSS02, Omo91, OP95]. **Large** [BBJ+06, CTT+08b, CHK98, FAJP99, HKM+06, LPK94, WVC05, BBSV92, BDL06,

BDHK06, BCW01, BCG05, BCH+08, CDF+05, CR92, CTMO06, CCHW03, Dat03, DAM08, Din03, DB99, GLA88, HAB+06, Joh02, KPB+03, Kło05, Kos95, KTV03, Luk00, MTV05, MKH06, MLSO01, NEJP94, PBHK01, RN04, RL98, RdLM06, SKT+08, SNW01, SLO+05b, Var00, VSV95, WKZ+03, YHJC05, YCAS03, YCX05, GPH+94]. **large-eddy** [NEJP94]. **Large-Scale** [CHK98, HKM+06, WVC05, BDL06, BCH+08, CDF+05, CR92, Dat03, DAM08, Din03, GLA88, Joh02, KTV03, MTV05, MKH06, RN04, YHJC05, YCAS03, YCX05]. **laser** [Fin99]. **Latency** [Höf03, ABB+03, DHB02, HML+06, PBHK01]. **latency-tolerant** [DHB02]. **Lattice** [AKH+04, Bog99, SdSP04, ABL04, CM99, CH04, DS04b, DC00, FPdS04, HORC04, HRJ+04, IOO04, KKHS01, DY04, NCS04, vdS04]. **lattice-Boltzmann** [FPdS04, HRJ+04, KKHS01]. **layer** [CCLS09, DvdHGdL09, Kni89, KSM+07a, KSM+07b, PBHK01]. **layered** [DD07, Kim07a, MS01]. **layout** [IdLR01]. **laziness** [KGW95]. **lazy** [CK00, PY00]. **LBGK** [HvHAS04]. **Leader** [SW02]. **learned** [HS98]. **Learning** [BGJ+06, NK05, Pud01, ZZN04, Ami90, AV00, BLAV06, GBE00, NSI84, SH90, VGBLGS+06, Ven08, Ven09, Ano86h]. **Lease** [LLKF09]. **Lease-based** [LLKF09]. **least** [vdV89a]. **lecture** [Ray05]. **legacy** [BBW08, BKŁ01, KT08, LRW01, MLD08]. **legal** [Ser95]. **Legion** [NHG03, CKKG99, NHG02]. **Legislation** [Ano84i]. **Lenat** [Zem86]. **length** [CP06]. **Lessons** [HS98]. **Letter** [Ano87k]. **Level** [HSS92, ATT96, BSCC06, BMFC07, CLP95, CST92, KKS08, Kea99, KMK09, KSM+07a, KSM+07b, LKA+08, LJW08, Lop96, PKC04, Rus90b, WBF08, YKL+07, ZDR07]. **levels** [CEJK94, FB93, MKT09, SPBT07]. **Leveraging** [HWS07, CTT07]. **Levy** [NB04]. **lexical** [HK88]. **lexical-functional** [HK88]. **LGF** [BBW08]. **Libraries** [LGH97, HESM99, STH+98]. **library** [ACE02, BFK02, FB97, FBBW99, GD93b, GLM+08, LC04, PCM99, vdV89a, BMFC07, Ber06, TS08]. **Lie** [BC03, CMO03, MPQ03, MKK03]. **Life** [ABM+07, DZJ+00, Kom89a, LWHC07]. **life-cycle** [DZJ+00]. **Light** [DS04a, SHB89]. **lightpath** [GXD+09, JHL+06, KMCH03, SLJ+06]. **lightpaths** [GMM+09, GFR+06]. **lightweight** [BK06, EGK+07, SZP00]. **like** [CMT01, DDL01, Ole07, Prz03]. **limitations** [ABdLL05, KC98, Par87]. **Lindstrom** [vdR87h]. **line** [BW95, EV98, LVH08, Ueh89]. **linear** [BJNH05, BFR05, BRMN04, BCG05, DHD89, FPdS04, GKS05, HPP94, Lop03, LD04, Pan95a, PHL98, PH94, SGFS01, SG04, vdV89a]. **linear-time** [LD04]. **linearization** [Röb05]. **Link** [CC00, DFSZ88]. **Link-time** [CC00]. **linking** [ABCD00]. **links** [ABdL+03]. **Linux** [VSM02]. **Lip** [KLH+04]. **liquids** [Fre94, SBS98]. **Lisp** [Oku92, YTHY84]. **Lisp-Based** [YTHY84]. **list** [Par04]. **literature** [JC08]. **live** [TDG+06]. **Load** [BL02, CY01, OSHH96, dRSS97, BCMR01, BM08, CWD04, CSJN05, Cho04, KNK+08, LYMZ09, MM03, PGSM05, Qin07, SB97, SMA08, ZMS+06, ZSI08, ELvD+96]. **Load-balancing** [CY01, PGSM05, ZMS+06]. **Local** [Han03, REM04, AEGF+01, BPC+01]. **locality** [BCMR01, HBCR01, Leo98, Leo01, TSK03]. **localized** [WKZ+03]. **Locally** [PFMC04]. **location** [MK04, PKC04]. **location-aware** [PKC04]. **LOCCS** [DT94]. **LoDs** [PFMC04]. **Log** [JD94]. **Logging** [RT06, AMH04, PY00]. **Logic** [De 88, Ano84k, Ano85g, BS96, BDNN02, CST91, CY90, DCK03, DT93, DLW86, Qu04, RBC+88, SGdMM96, Yos89, ZT90,

ZT91, Zha93, ZS90, dB90, vdR87h]. **Logical** [BB84, BB85, WMN+01, Vau93]. **logical-time-based** [Vau93]. **logically** [MRV01]. **Logicflow** [KP00]. **logistical** [BBG+05]. **logistics** [SPCL04, ZL04a]. **London** [vdR87b]. **Long** [OS06, KTV03, MGH+05]. **Long-range** [OS06]. **Looking** [Büc05a]. **loop** [KC98]. **loops** [LRMC94, XHY+90]. **Loosely** [BDNP92, Mis92, AGP+92, MD92b]. **Loosely-coupled** [Mis92]. **loss** [LNJ04]. **Lossless** [DQ97, CCM98]. **Low** [SHJR04, CEJK94, CALN03, GE90, HML+06, MTKS00, DT94]. **low-latency** [HML+06]. **LSI** [Abe92]. **Ltd** [Ano87b, Ano87l]. **LU** [MvdV01]. **Lyapunov** [DE03]. **Lyon** [BBD+99].

M [vdR87g, OSCY93]. **MA** [vdR87g]. **Mach** [CR92]. **machina** [PKSC02]. **Machine** [Ama88, Ama89, Ama86, BCL88, BVP+87, BDF+99, BHH+93, BS91a, BB84, BB85, CCKW88, CH95, Por95, YTHY84, ASTEP98, Ano87l, Bal93, BS92, BFC02, CPB00, Gur85, KSY92, Mur86, Nag86b, NTN86, Ném00, Nit86, Ram95, Sim86, Uch86, WG00, Zad87, ZY90]. **machine-room** [Ram95]. **Machines** [SvAS01, BHK90, BM00, CC98, DHS00b, DHS00a, DK00, GBT87, KZLK06, KTY03, PM04, TDG+06, Uch87, dlTK92, SM01b]. **Macroeconomics** [HPLL08]. **macromolecules** [Kol89]. **macroscopic** [DS99]. **macrostep** [Kac00]. **made** [SS90]. **Madison** [vdR86b]. **Magazine** [EV98]. **Magnetohydrodynamic** [GPH+94, Ano96b]. **magnetohydrodynamics** [BvdHN+01, MPG96]. **Magnus** [DR03]. **mail** [LL04b, Öst92]. **major** [Lit03]. **makespan** [RNJK09]. **Making** [CN98, HNS05, WBT+08, DD86, GS05, KFF89, Niw89, PP07, vdR87f]. **MAN** [TDG+06]. **MAN/WAN** [TDG+06]. **management** [Aba06b, ADM06, Ano86j, ADK+09, BJWZ08, BFL99, BPP+07, BDL06, BCPS03, CO03, CKK+04, CKKG99, CT09, Coo86, DCL00, DMG+08, DS08, DSS07, DL04, Fer96, FHM+99, Fra08, GLA88, Gra01, GR07, HY09, HKT94, HB00, HML07, HML09, KA08, KKL09a, KD00, KH89, KK97, KLSS05, LS07b, LBYL08, LSTV07, MM08, MK04, PK99, PH07, PPH+09, SEH99, Slo96, TMTY05, VVC+03, WZC08, WBT+08, YMM00, ZDR07]. **Managing** [Kos00, LKA+08, SCY01, ACC+05b, Gos00, PSA+09]. **Manchester** [Gur85]. **Mandel** [vdR87e]. **MANETs** [JFDF09]. **Manifold** [AH94]. **manipulation** [DMMP98]. **manufacturing** [HDC+94, WG91, ZMS+06]. **Many** [Len01]. **Many-particle** [Len01]. **map** [DR03, KLC05, FJ00, DL04]. **MAPFS** [PCG+06, SPK+07]. **Maple** [YA07]. **Mapping** [AEGF+01, Van92, dRSS97, KTM+08, LJW08, MS03, Reh06]. **Market** [Wii84, JRF+07, SVB07, Wil86, Yam89]. **Markov** [BDHK06, BCB+07]. **marrow** [BPP+07]. **MARS** [GR96]. **marshaling** [PVBH05]. **Massive** [SG95, BORM07, KKK07, WRBG94]. **Massively** [DDO+92, KL02, Cas94, CS96, Gil94, JBA94, KZLK06, PN09, YdOLS+05]. **master** [Bun03, HCL07]. **matacomputing** [HJS+99]. **Matching** [DDRR96, KNK+08, MM03]. **materials** [Gil94, SYT09, SCK+00, WRBG94, WAD+89, ZMS+06]. **Mathematica** [UB07]. **mathematical** [KSAOK08]. **mathematics** [AMB03]. **MATLAB** [BKG05, EPJ+05]. **MATLAB-based** [BKG05]. **matrices** [Amo06, BH03, dSL98]. **matrix** [BST+08, CDS03, Dat03, HBCR01, Kat04, LC04]. **matter** [Tof99]. **MAX** [SH00]. **maxillo** [SGL99]. **maxillo-facial** [SGL99]. **MCC** [vdR87l]. **McCord** [vdR87g]. **mean** [SZ98]. **mean-field** [SZ98]. **means** [Avg00, DS04b, PW09]. **measure** [Szu01].

measurement [DMM+99, PSP+09, VVC+03]. **measurement-based** [VVC+03]. **mechanics** [Ald89]. **mechanism** [Cho04, CC09, FD95, HY09, JFDF09, KTM+08, LCP04, MV09, ZZ09]. **mechanisms** [CST92, CY88, GDRS04, Sar02]. **media** [KMN+05, RS99]. **MediaGRID** [VWD+08]. **mediator** [WBT05]. **Medical** [EV98, KE85, BCT+07, CD99, CCM98, EdBG+99, KKV+99, LLSR02, MJ98, MJ06, Mar99a, MLZ+00, SMC99, XYZ05]. **medicine** [AV00, CCBR98, MSR98, Wit94]. **MediGRID** [KBB+09, SLS+09]. **medium** [DRS04]. **meets** [TG04]. **Meiko** [CW93, GL95, LF95b, RBS93]. **MeikUS** [GD93a]. **Mellish** [vdR87a]. **memories** [De 88, HBCR01]. **Memory** [BPS06, BM92, CSP98, GSD95, KGX95, PBM95, Ami90, ABL04, BFLL99, BK97, BBSV92, Ber98, CR92, CS93, FC05, HH98, HPP94, HG92, KN06, KSM+07a, KSM+07b, LWSC07, Mar90, NP03, PY00, Par04, PH94, RCD03, SF06, TC06, WYJ99, WWC+97, SG05]. **Memory-efficient** [BPS06]. **menu** [LC03]. **merchants** [ABCD00]. **mercury** [HRJ+04]. **mere** [MBZL09]. **Merging** [Kat04]. **mesh** [BRR+04, CH95, DS04a, KCK04, LHB95, RŻDM01, UWV92, WC01]. **mesh-connected** [UWV92]. **meshes** [JL98, PFMC04, SW05]. **Message** [BFR99, FLPP05, Gor02, AMH04, AC92, Ber98, CST92, Kac00, Kal94, DKD08, LDSH95]. **Message-based** [FLPP05]. **Message-passing** [BFR99]. **messages** [MTKS00, ZCT+04]. **messaging** [OF07]. **Meta** [ATT96, CTT+08a, DD05, FHM+99, HML07, Lop96]. **meta-applications** [FHM+99]. **Meta-level** [ATT96, Lop96]. **meta-modeling** [DD05]. **meta-scheduling** [HML07]. **Metacomputer** [ESPP01]. **metacomputers** [BvdV99]. **Metacomputing** [BGR+99, PBC+01, RRS99, BFL99, BFR99, EMB98, GR96, HAFF99, HAF00, Kea99, Lee04, MVT+99, MS01, Ram95, SSB05, WSH99, BKKW99]. **metadata** [BJA+05]. **METAFOL** [BS96]. **metagenomics** [SGP+09]. **metaheuristic** [DOV01]. **metal** [HW95]. **metamodel** [LKG08]. **metamodel-assisted** [LKG08]. **metaphors** [MB01]. **metascheduling** [LGW07, MHA08]. **metasystems** [CWW+99]. **Method** [DB99, BCFS02, BvdHN+01, BS04, BV04, Bou95, Cro95, DS04b, DS99, FT07, HESM99, HvHAS04, HPP94, HPLL09, HRJ+04, IOO04, JNR01, Kom89b, Lee04, LNJ04, SKT+08, SLW01, VFS01]. **Methodology** [DDO+92, vdR87c, BJWZ08, Mat89, OP97, SKT02]. **Methods** [BHH91, GLS99, PBT02, AHdJF97, BMZ01, BHH92, BC03, BST+08, CP06, CMO03, CM99, Čie04, Dat03, DLP06, DR03, EL03, EWG99, HND06, IS03, KG01, Mal94, Mar90, MR03a, MR04b, NK05, PP06, Rum99, Tof99, ZM97, ZMS+06]. **metrics** [TDF07]. **metrology** [SM03]. **metrology-based** [SM03]. **metropolitan** [PSVL02]. **Mexico** [HICAFM+06]. **Meyer** [vdR87k]. **MGF** [GLM+08]. **micelles** [vOB95]. **Michie** [Ano87l]. **micro** [GD05, Gra01, Low01]. **micro-architecture** [GD05]. **micro-organism** [Low01]. **micro-world** [Gra01]. **microarray** [BPP+07]. **microbenchmarks** [BBBD01]. **microbial** [SGP+09]. **Microcomputers** [Mat88]. **Microelectronics** [Bal91b]. **microkernel** [DDV92, SBHD08]. **Microscopic** [ABdL+03]. **microstructures** [CKR04, MVAS89]. **microwave** [DD05]. **Middleware** [PSVL02, ADK+09, Car03, CD08, DVVD02, DPP03, EGK+07, GMB+05, GGH+06, LDS06, PNH99, SZP00, SGH+08, SHJ06, YJA03]. **middleware-based** [DVVD02]. **middlewares** [AFF+09]. **MiG** [MPB+07]. **Migol** [LS08]. **Migrating** [KLM+05]. **Migration** [GWO03, PCBD99, dRSBH94,

AMB+92, CYLT05, SM01b, TDG+06]. **Military** [Gil85a]. **millennium** [KZBK99]. **Miller** [vdR86b]. **MIMD** [CS93, DFSZ88, Hey90, Kal94, KM01, Pri95, VSV95]. **MIMD-multicomputers** [KM01]. **MIMD-supercomputers** [DFSZ88]. **MIN** [SH00]. **Mind** [Zad87]. **MinEX** [DHB02]. **Mini** [Kaa98]. **Mini-conference** [Kaa98]. **minigrid** [YBQ07]. **minimising** [DHS99]. **minimize** [RNJK09]. **minimizing** [GR96]. **minimum** [Dzw97]. **Mining** [DSH+99, LGW07, MSKT07, SA97, AW97, CTT02, CGM+07, CTT07, CS97, FS97, FJT01, FM01, FdSC07, GGH+06, HPS97, JRF+07, LWHS07, LLSH07, NSP07, OFT09, PSR+07, Sin07, SD07, SSK+08, ZLD+03]. **MIP** [MMVV08]. **MiPeG** [CD08]. **Miscellaneous** [Ano97d, Ano97e]. **miscible** [FPdS04]. **mission** [BPAP92, Lau92, MC04, TMV+07]. **mission-critical** [MC04]. **MiX** [AGP+92]. **MJSA** [BCB+07]. **ML** [GL05]. **mobile** [AMH02, AMH04, CWD04, ESPP01, FX07, GR07, GWO03, HJK+04, LM07, OF07, PWY03, PKC04, SCB04, UTT00, LSTV07]. **mobility** [AMH02, HZC+08, MK04, OVK+09]. **mode** [FC05, HNP05, MRV01, HHG05]. **Model** [BHH91, LB09, LH07, BvdBM+93, BMPS01, Ban02b, BFLL99, BdCYG05, BHH92, CPK05, CWW+99, CY90, CYB90, CDRS05, CS09, DS08, FPdS04, GY90, GB99, HD05, HHS98, IMKB89, JL95, JAA07, JF05, KP00, KSAOK03, KSAOK08, KCK04, KRLR01, KGW95, LS07a, LR06, LHL09, LF01, LvSW+04, LLZ07, Low01, MTV05, MKH06, MLZ+00, OP95, PO00, Pal01, PSS01, PKSC02, RSV90, RS98, SGL99, SCB04, SD02, Shi92, SUD+98, Szu98, TDL05, VDPHS09, VP94, WG00, WC06b, WHP09, ZT90, ZT91, ZYXL05, dlTK92, KLM+03, Sti93, PSP+09]. **Model-based** [LB09, BvdBM+93, IMKB89]. **Model-oriented** [BHH91, BHH92]. **Modeler** [FBBW99]. **Modeling** [AS02, GL04b, HBCR01, Mor01, Mun04, UTT00, CKR04, DD05, DC00, HKM+06, Igl04a, JAA09, MGYC06, MVAS89, Mid01, PBT02, SZP00, SBA+05, VR05, Wie03]. **Modelling** [Pap05, ACU95, BPS06, BN06, CGT07, CH04, DS99, DY04, FPX+09, FHG95b, IJLC03, KG01, KH97, Lee04, LGS+07]. **Models** [GSD95, KGX95, TTP+07, BDHK06, CDF+05, CS93, DDL01, GBA+09, Joh92, KCT99, Kim07a, KM01, LMBCC89, MR04a, Mor01, Sch01, ST98]. **Modern** [ABMS05, SSC04]. **modes** [CASW05]. **modified** [GDRS04, LNJ04]. **modifying** [GL04b]. **modular** [CHJ+04, HML07, RN04]. **modulation** [HJK+04]. **module** [WG00]. **Modules** [HLvL+97]. **molecular** [BRS04, FAJP99, GRPL04, MDD89, MF93, PHM+99, SCK+00, SBA+05, Szu98, ZCW+04]. **molecular-dynamics** [SCK+00]. **molecules** [DRS04]. **Molokai** [Hul89, Rho89]. **momentum** [KKHS01]. **MOMI** [DFSZ88]. **MOMI-connection** [DFSZ88]. **monitor** [HMP04]. **MOnitoring** [Suz89, ACU95, BSG+05, BFW+03, DVV90, ADF+05, BBFW03, CC09, LBB+09, WDD00, ZS05a, Suz89]. **monotonicity** [EL03]. **Monte** [BST+08, TMTY05]. **mortals** [MBZL09]. **MOSIX** [BL98]. **motherboards** [HJCD05]. **motility** [Len01, Low01]. **motion** [KLC05, SKF+09, Sin92]. **motivated** [Pet95]. **movement** [Pal01, Sch01]. **MP** [LJY04]. **MPI** [ACGdT02, BCH+08, CRE01, DZ98, FD02, FB97, GLM+08, LR06, LRW01, LS08, MM03, NHT06, Reu03b, SG05]. **MPI-based** [LRW01]. **MPI-DDL** [FB97]. **MPI-Delphi** [ACGdT02]. **Mpixel** [SW06]. **MPP** [HW95, vOB95]. **MPP-systems** [HW95]. **MR** [DMM+99]. **mRNA** [TBD+02]. **MSIMD** [GS95]. **Mt.** [CDRS05]. **Mu** [NTN86]. **Multi** [DF97,

GXD+09, IS03, JAA09, MR03a, MR04b, SDD+09, YLC+06, ADKS06, CCLS09, DFG+00, DvdHGdL09, DSH+99, DB99, KLH+04, LJ07, LHL03, MSK03, MR04a, NWE04, Par06, STTK03, SHLB08, TLYT05, TYH04, WHP09, vM94, vOHD+05, Gra92]. **multi-agent** [NWE04, Gra92]. **Multi-application** [DF97]. **multi-attribute** [SHLB08]. **multi-block** [vM94]. **Multi-cluster** [JAA09]. **Multi-cost** [SDD+09]. **multi-criteria** [ADKS06, WHP09]. **multi-dimensional** [DSH+99, DB99]. **multi-disciplinary** [DFG+00]. **Multi-domain** [GXD+09, YLC+06, vOHD+05]. **multi-layer** [CCLS09, DvdHGdL09]. **multi-paradigm** [STTK03]. **multi-physics** [Par06]. **multi-proxy** [TYH04]. **multi-resolution** [KLH+04]. **multi-scale** [MR04a]. **multi-server** [LHL03]. **multi-signature** [TYH04]. **Multi-symplectic** [IS03, MR03a, MR04b]. **multi-tier** [TLYT05]. **multi-tiers** [LJ07]. **multi-user** [MSK03]. **multiagent** [PCG+06]. **multicast** [ADOKM06, BDL06, FMR05, GNWT05]. **multicast-based** [FMR05]. **multicellular** [Pal01]. **multicluster** [CWD+08]. **Multicomputer** [MF93, BL98, CST91, KD00]. **multicomputers** [KM01]. **multidestination** [Pan95b]. **multidimensional** [BS09, ZQZZ09]. **multidisciplinary** [ATJMZ02, SMK05]. **multifrontal** [IST04]. **multifunctional** [DCK03]. **multigrid** [LLRS94, LN94]. **multilayer** [RM97]. **multilayered** [NKX09]. **Multilevel** [WC01, SSC04]. **multimedia** [BS91b, CFGC03, FGRZ09, GL04b, HML+06, Mul92, Pap05]. **multinets** [Kło05]. **multiparadigm** [BdCYG05]. **multiparty** [HML+06]. **multiphysics** [MTH+05]. **multiplayer** [PN09]. **Multiple** [MBFC99, AFF+09, BCPS03, CGL08, FD95, JCSS01, JL03, MVRM08, MI01]. **multiple-context** [FD95]. **multiple-task** [MVRM08]. **Multiprocessor** [SZ98, AAB+92, BR92, BW95, CR92, GE90, Kat04, Kun94, LS01, Nos98, OSCY93, Par04, SKJ01, SF06, Yam92, mM95]. **multiprocessors** [AB95, Ber98, CK00, TC06, WYJ99]. **multiprogrammed** [Aba06a]. **multiprogramming** [Ste92]. **Multiresolution** [EWG99, Boa04]. **Multiresolutional** [PCB99]. **Multiset** [BCL88, MK95]. **multisparc** [CW93]. **multispectral** [LLWN04]. **multistage** [ADKS06]. **multisymplectic** [IS06]. **multithreaded** [BBFW03, Ném00]. **multivariate** [DD05]. **multiway** [CC98]. **München** [Bun03]. **mutation** [DMN+05]. **Myrinet** [Geo02].

N [FJ00]. **N-MAP** [FJ00]. **nanoscience** [GFGB03]. **nanotubes** [Tor04]. **naphtylium** [DRS04]. **narrow** [Büc05a]. **NAS** [WYJ99]. **National** [HY03, DR89, FS93, Han03, KFP+02, NSF87]. **Native** [MGH+05]. **Natural** [Ano85g, BY93, LPK94, PFMC04]. **nature** [ZEO01]. **nature-inspired** [ZEO01]. **NAUTA** [MSLP93]. **Navier** [ID98, vM94]. **Navigating** [vVDBB98]. **navigation** [VS04]. **navigational** [SOR05]. **NCSA** [PCM99]. **near** [BBJ+06]. **need** [WRBG94]. **negative** [SK05]. **negotiation** [DMZ09, GP09, YKL+07]. **neighbor** [KKL06]. **neighbor-selection** [KKL06]. **neighborhood** [AEGF+01, RNJK09]. **NEPTUNE** [OS92]. **nesting** [GL05]. **net** [LS05, LS05]. **NetSEC** [SM03]. **NetSolve** [ESFD06, PCBD99]. **Network** [Din91, LG08, MTKS00, OVK+09, Pal09, Per86, ADOKM06, ABB+03, BTM06, CTF+99, CCL08, CFG+05, De 88, Del06, DS08, Dui89, GPA00, GFR+06, GdBW06, GMM+09, JAA09, JC09, KKP+05, KGLA85, LJY04,

Lee04, LWSC07, LLWN04, MSLP93, OS92, RKSU08, RS98, SZP00, SM03, SRCR97, SPBT07, Sun92, VS88, VSV95, WSH99]. **Network-aware** [Pal09]. **network-based** [Sun92]. **Networked** [FMD99]. **Networking** [CG09, Gen95, HB98, Lid99, Wil00, AB01, BBG+05, GdBW06, HDC+94, HRJ+06, LPC+95, MWC+03, PA01b, VBP03, dLRW03]. **networks** [ADKS06, Ami90, ABdLL05, AB03, BS09, BCMA07, Coo90, CBD+05, CS97, DZ98, DvdHdL06, DvdHGdL09, Dör05, Sou91, FM08, FR08, FSM88, Ful91, GKIZ05, GLA88, GR07, GGH+06, GGSZ09, HAE+03, HAB+06, IEG04, JAA07, JL98, KY85, KKK07, KKL06, KD00, LKG07, LBYL08, LM07, LAM07, LS01, MFP05, NK05, NSI02, Ole07, Pan95b, PSL+04, PBC+01, Pud01, RM97, SM01a, Sap88, SVC+07, SNW01, SCB04, SPEW09, SDD+09, SRG+03, SJTG07, SK05, VBLS09, WC01, YCX05, ZLD+03, vOHD+05, vdHDT+06, WLB00]. **Neumann** [HG92, KDE04]. **Neural** [Sou91, Ful91, GKIZ05, Ami90, Ban02b, Coo90, CS97, Del06, Fio06, JL98, KKP+05, LLWN04, Pud01, RS98, RM97, VSV95]. **Neurocomputing** [Mat88]. **neurofuzzy** [HAAH05]. **Neurons** [Mat88]. **neuroscience** [FBBW99]. **new-generation** [ZGCM00]. **Newton** [BMZ01]. **Next** [BDF+99, HJK+04, KZBK99, MWC+03, PO00]. **next-generation** [PO00]. **NGSSC** [HY03]. **NIC** [HAC92]. **Nimrod** [ABG02]. **Nimrod-G** [ABG02]. **Ninf** [NSS99, STH+98]. **Nippon** [Kom89a]. **NJ** [vdR87h]. **nodal** [Bou95]. **Node** [LG08]. **nodes** [AMH04, AEGF+01, Reh06]. **Non** [ID98, BMS05, BCH+08, DCL00, FPdS04, JLU03, KKL09b, LOK09, MKH06, NP03, Tho06, TBD+02]. **non-blocking** [BCH+08]. **non-dedicated** [NP03]. **non-deterministic** [MKH06]. **non-interactive** [KKL09b]. **non-linear** [FPdS04]. **Non-overlapping** [ID98]. **non-personal** [JLU03]. **non-product** [Tho06]. **non-redundant** [TBD+02]. **non-trusted** [DCL00]. **non-uniform** [BMS05, LOK09]. **Nonlinear** [CPK05, BMZ01, BV04, CFVP03, NB04, OS06, Röb05, WVC05]. **nonlogical** [CY88]. **nonpolar** [SBS98]. **nonrepudiable** [TYH04]. **nonuniform** [TKT+08]. **NOOS** [AP96]. **norm** [DL03]. **Normal** [KCK04]. **Normalized** [LS05]. **North** [vdR87c, vdR87e]. **North-Holland** [vdR87c, vdR87e]. **notation** [ÅO06]. **note** [Ano06]. **notebook** [MCSS00]. **notification** [QP08]. **Novel** [VR05, WBT05, HHSW92, Mam09, PCB99]. **NTTs** [KY85]. **nuclear** [Poh87]. **Number** [Ano86i, vdR86b, GZ04, Tab06, Tan02b]. **numbers** [TSZP99]. **numeric** [GI07, Ref87]. **Numerical** [BN06, DLP06, IOO04, Kni89, PP06, DHD89, DP03a, DMW04, FB93, KM01, LR01, NB04, NHT06, Rum99, SS03, VWCV94]. **numerically** [Var03]. **numerics** [TBK06]. **Nursing** [KZBK99]. **NW** [GAB+96]. **NWF** [LS05]. **NWF-net** [LS05]. **Nyström** [CP06].

O [Aba06a, BFK02, FC09, Geo02, HMC06, OK02, SM96]. **O-FCN** [FC09]. **O-intensive** [CkLC06]. **Obituary** [Kas86]. **Object** [CHHW91, KST92, SHJ06, ADM06, AP96, BGV97, BHK90, DC00, Gil85b, HHS98, JBA94, LL03, NSI02, ZJWZ04, Kob92]. **object-based** [ADM06]. **object-centered** [AP96]. **Object-Oriented** [CHHW91, KST92, BGV97, BHK90, LL03, Kob92]. **objects** [DL00, EGAQ09, MS01, SD02, XSM04, ZZN04, WAE06]. **oblivious** [KKL09b]. **observable** [Ven08]. **observatory** [Fin99, SB99]. **observing** [WS05]. **ocean** [CS93, IJLC03]. **October** [Zna94]. **octree** [Boa04]. **octree-based** [Boa04]. **ODE** [PH94]. **ODEs** [EL03]. **Odyssée** [Fau05]. **Off** [Geo02]. **Off-Processor** [Geo02]. **offs** [KNK+08]. **OGSA**

[LKA+08, LMH+09, SPK+07, SSB05]. **OGSA-based** [LKA+08]. **Oh** [NMC05]. **old** [Gol00]. **OMIS** [WDD00]. **on-demand** [BPS+03, FMR05, SSF+09]. **On-line** [BW95, EV98, LVH08, Ueh89]. **One** [KI89, EFD00]. **one-dimensional** [EFD00]. **online** [PN09]. **only** [DD86]. **onto** [AEGF+01, Van92]. **ontologies** [CGM+07, TDF07]. **Ontology** [SYT09, JC09, KSM+07a, KSM+07b]. **Ontology-based** [SYT09, JC09]. **OntoZilla** [JC09]. **Open** [BJWZ08, AJZ+02, CASW05, DPP03, SP93, CWD+08]. **Opening** [HICÁFM+06]. **OpenMP** [NHT06]. **OpenRTE** [CWD+08]. **operating** [AHdJF97, BL98, Gos00, MGLV04, RG04, WB90, BG87]. **operation** [CYB90, MHA09, ONHT89, Tak89b, YWA+89]. **operational** [CPB00, FCW01, HJP92]. **Operations** [WMN+01, DL04, Kat04, Lau92, LY90b, NSI02, dLLA93]. **operative** [Ano84i]. **operator** [Kos00]. **operators** [NHT06]. **OPIOM** [Geo02]. **Opportunity** [BS91a, BS92]. **OPT** [FCW01, VAS95]. **Optical** [DFSZ88, WSTW87, Yat88, CASW05, DvdHdL06, HRJ+06, MWC+03, Mam09, Pal06, Pal09, RvdSB+03, SVC+07, dLRW03, vOHD+05, vdR87e]. **Optimal** [DLW07, GC94, KLM+03, LJW08, RSRV88, BG05, GS05, TKT+08]. **Optimisation** [AKPN01, DHS99, SO98]. **optimise** [RS98]. **optimised** [BBC+99]. **Optimistic** [YCAS03]. **Optimization** [BC03, ACML05, BMRW01, BBL+05, FM01, Leo01, LKG08, MVRM08, PKC+05, Sch03, SKJ01, TSK03, WVC05, dNE05, PW09]. **optimizations** [CC00, DSS98, SBA+05]. **optimize** [WCC+09]. **optimized** [BFLL99, JNR01, SA07, VS90]. **optimizer** [FN00, LK08]. **Optimizing** [BCFS02, BKSS02, HWZL08, MSS02, OF07, GMEL08]. **optimum** [Dal06, AFPG91, AFP+92]. **OPTIMUM-AIV** [AFPG91, AFP+92]. **OptIPlanet** [SGP+09, SBdL09]. **OptIPortal** [DLR+09, DDS+09]. **OptIPuter** [DLR+09, Mam09, SBdL09, SW06, TWC+06]. **OpusJava** [Lau01]. **OR-forest-based** [CY90]. **OR-parallelism** [Zha93]. **Oracle** [CW93]. **oracles** [MMR02]. **orbitals** [REM04]. **Order** [Pan95a, AAC04, BFR05, BFC02, Bou95, Dal06, JNR01]. **ordered** [GY90, Qu04, SAKOK03]. **ordering** [Kos00, ZWJ04]. **organisation** [EGAQ09, Gra92]. **organism** [Low01]. **organization** [HG92, SYT09]. **organizational** [KSM+07a, KSM+07b, RSV90]. **organizations** [RJH+09, VWD+08]. **organizing** [DD05, FS07, FSM88]. **Oriented** [CHHW91, BvdV99, BdCYG05, BGV97, BHH91, BHH92, BHK90, CGST09, DC00, FJ00, Gil85b, HWW04, Hua05, JBA94, KST92, Kob92, LL03, LvSW+04, MHA08, OFT09, Tak05, TBK06, VSM02, WYN+90, GMEL08]. **Origin** [LHB95]. **Origin-based** [LHB95]. **orthogonal** [Fio06, PP06]. **Orthonormal** [DV03]. **OSCAR** [LSLS05]. **oscillatory** [DR03]. **OSI** [Kob92]. **out-of-order** [BFR05, BFC02]. **output** [Aba06b]. **Outputs** [SK97]. **overall** [WCC+09]. **Overcoming** [KC98]. **overhead** [DT94, MTKS00]. **overlap** [BCFS02]. **overlapped** [MTNM08]. **overlapping** [ID98, RŻDM01]. **overlay** [BTM06, CCL08, JC08, RKSU08, YCX05]. **overlays** [AN08]. **Overview** [BP94, DGST09, KY85, KE85, Lan00, Miz89a, vdR93b]. **OVM** [BFC02].

P [Ano86i, Ano87b, Ano87c, Ano87l, vdR87e, KKS08, SdR99]. **P-CAM** [SdR99]. **P-GRADE** [KKS08]. **P2P** [DMZ09, FM08, FR08, GPK05, GNWT05, IT05, Kim07a, LLZ07, MM08, SA07, WM07, YCX05]. **P2P/Grid** [YCX05]. **P2P/Grid-based** [YCX05]. **Pachycondyla** [MVS00]. **package** [BKŁ01, De 98, SLZ95, YA07].

packing [LGMV02]. **PaCMAn** [ESPP01]. **PadicoTM** [DPP03]. **Page** [vdR87b]. **pages** [Ano86i, Teb86, vdR86b]. **paging** [BK06]. **pairwise** [Tis07]. **papers** [BGL08, Igl07, LBR02]. **paradigm** [HHSW92, HCL07, KB09a, MvdV01, PA01a, Pri95, STTK03, VR00]. **Paradigms** [AR07, Gol00, JK92]. **Paragon** [ABK94]. **Parallel** [AvLR92, Aba06b, ABF93, AJZ+02, AMB+92, Ama88, Ama89, AKW90a, Ano90g, AR98, BCL88, BMPS01, BVP+87, BJNH05, BHH+93, BHK90, BLB03, CN92, CHHW91, CSP98, DDO+92, DFSZ88, EFD00, ES94, GL05, GS05, GA06, GCK98, IMSV90, IST04, JS89, KGX95, KU01, LOJ+07, LDSH95, Luk00, Mal94, Mal01, Mal02, Mal05, MPG96, OSHH96, PPJ95, RŻDM01, SdR99, SBS98, SG95, SM96, TBD+02, Uch87, VSvD95, Vre88, WGL92, ZEO01, dSL98, Aba06a, AEGF+01, AT01, ADT03, AKW90b, Bal92, BBC+99, BK97, BPS06, BG05, BBJ+06, BGC+03, BFC02, BL92, Bou95, BSG+05, BCW01, BCM+95, CLP95, CST91, CST92, CTF+99, CBK+01, Cas94, CG02, CKFJ06, CEGL01, CGL08, CY90, CC98, CS96, CTMO06, CCHW03, CFG93, DDRR96, DZJ+00, DRS+97, DLW86, DOV01, Dup90, EGCY+06]. **parallel** [EL98, ESPP01, FSP02, FD95, FN00, GNOY01, GCCC+07, GJS+94, Ger02, GHWZ94, GODM98, Gil94, GC94, HH98, HHSW92, HHS98, HRSW99, HAC92, HHG05, Her91, HKT94, HLSØ06, Höf03, HXL90, HSS00, Hum92, HMC06, ID98, JL95, JSK+06, JBA94, JL03, JM01, JLMR00, KDFL99, KK00, KP00, Kac00, KA09, KZLK06, KSY92, KMK09, Kos00, Kos95, KM01, KTV03, KB92, KL02, LC04, LP01, LR01, LLRS94, LN94, LRMC94, LSS94, MD92a, MvdV01, MP02, MRV92, McC96, MLZ+00, MK95, OVDV98, Oku92, OK02, Omo91, OP95, OP97, Pad92, Par06, PCG+06, PF01, PBHK01, Pri95, RBS93, RBC+88, RN01, RICW00, RS98, RCD03, SKT+08, SPK+07, Sap88, SSKF95, STP+05, SGFS01, Sch03, SBHD08, SMI01, Ser98, SD02, Shi92, Sin92, SSC04, ST98, ST99, THKG98]. **parallel** [Tan02b, TMT+07, Tic93, TV08, Tis07, TSZP99, UM02, VAS95, VP94, Vre89, VF01, VFS01, VSV95, WKZ+03, WAE06, XHY+90, YCAS03, YdOLS+05, ZT90, ZT91, ZGCM00, ZEO98, dKdOS03, dlTK92, mM95, vdV89a, vdV89b, BG87, Her87, NCCS99, TRFR01, vdR86b]. **Parallel-Operating** [BG87]. **parallel/distributed** [CBK+01]. **parallelisation** [IJLC03]. **parallelise** [IJLC03, SLZ95]. **Parallelising** [Kea93]. **Parallelism** [Par90, Bal91a, Gos00, Hey90, Joh89, Kos95, MBFC99, WRBG94, Zha93, ZS90]. **Parallelization** [BST+04, BPC+01, BVDF00, LPB04, WYJ99, BCMR01, Fah98, KC98, vM94]. **parameter** [NHG02, NHG03, SBA+05]. **parameter-space** [NHG02, NHG03]. **Parameterisation** [GVD+03]. **parameters** [PBT02]. **PARDIS** [Kea99]. **PARDISO** [SGFS01, SG04]. **Paris** [Ano84k]. **PARLIB** [CGSZ95]. **PARLOG** [Bal91a, DT93]. **parsing** [BM00]. **Parsytec** [Cro95, vOB95]. **part** [PH94]. **partial** [TBD+02, Xia06]. **partially** [Ven08]. **partially-observable** [Ven08]. **Particle** [KG01, Sin92, ABB+03, BVDF00, CM99, Len01, Low01, MKH06, SLW01]. **particle/continuum** [Low01]. **particles** [Dzw97, DB99]. **partition** [DLW07]. **partitioner** [DHB02]. **Partitioning** [SW05, BW97, GODM98, HZC+08, WC01]. **Partridge** [Ano87b]. **party** [CLM00, Pol98]. **passage** [BDHK06]. **Passing** [DKD08, Ber98, BFR99, Gor02, Kac00, Kal94, LDSH95]. **passive** [DD05]. **passport** [GWO03]. **past** [Fer84]. **path** [ADOKM06, DvdHGdL09, GdLvOT03, KDE04, Luk89, Mar02, THN+06, Xia06]. **path-based** [ADOKM06]. **path-planning**

[Mar02]. **paths** [Alb04, CFG+05, vOHD+05]. **patient** [CTT+08a]. **pattern** [CD99, DDL01, MP02, Pet95, WKT00]. **patterns** [BP02, KL02]. **payment** [Pol99]. **PC** [MTKS00, MLSO01]. **PC-clusters** [MLSO01]. **PCs** [BL02]. **PDE** [BRMN04, NHT06, Par06, TBK06]. **PDE-based** [BRMN04]. **PDEs** [MR04b, MR03a]. **PDG** [CLP95]. **peer** [ADK+09, BS09, FLPP05, HWZL08, JC09, KKL06, LAM07, MTV05, MCT+09, PGSM05, SLŽ+09, ZQZZ09, BNFZ08, CTT+08a, CdCD07, TTP+07, WTK07]. **peer-to-peer** [ADK+09, BS09, FLPP05, JC09, KKL06, LAM07, PGSM05, SLŽ+09, ZQZZ09, BNFZ08, CTT+08a, CdCD07, TTP+07, WTK07]. **PEI** [VP94]. **perception** [vVDBB98]. **percolation** [BMPS01]. **Performance** [BMRW01, Ben99, BM92, BP94, BK06, CMT01, CMZ95, Cho04, CCKW88, DZ04, Din99, FM01, Gen95, GBT87, HB98, HCL07, HJCD05, HJK+04, JSK+06, KZC04, Kun94, LOK09, MM03, MLZ+00, Par04, RKSU08, Shi04, SD03, SvAS01, SK06, TDF07, VSV95, Wil00, Yam92, dSL98, Aba09, AB01, AFP07, ADKS06, ACU95, AMW99, AB95, BL98, BBC+99, Ber96, BCS99, Bhu95, Bis94, BS09, BGC+03, CRE01, CSW06, CWD+08, CKFJ06, DCS+07, DRS+97, Dog̃09, DHS99, ET08, FD02, FJ00, FJT01, FdSC07, GNOY01, GGH+06, GGSZ09, GAB+96, HD05, HHSW92, HDC+94, HAE+03, HO02, HKM+06, HWZL08, JAA09, Kal94, KZLK06, KSAOK08, KBM+02, KKK07, KB92, Lau01, LSLS05, Lee04, LGW07, LB09, LLSR02, LM90b, MH01, MKH06, MI01, MOK06, OF07, OP97, OS01, PH99, PSP+09, PH94]. **performance** [RSV90, Reu03b, RSR01, RS94, RŻDM01, SEH99, STH+98, SGFS01, SB97, Sch03, Ste94, SRCR97, TLTY06, TS08, TBNF09, VSM02, VBP03, WBF08, Wit94, WSH99, WCC+09, YJA03, ZGCM00, dKdOS03, Lid99]. **performance-directed** [RSR01]. **performing** [CEJK94]. **perimeters** [DDR+07]. **period** [DOV01]. **periodic** [KY04, TKT+08]. **PERMIS** [CO03]. **Personal** [EHMS00, JLU03, Wal94, PSG+06]. **personalitie** [PNH99]. **personalized** [LG08]. **perspective** [Aig86, HDC+94, HPS97, HQ07, Kob92, Mur95, SSK+08, Wal94, Wil86]. **Perspectives** [LPC+95, Nar86, SRCR97, Baa87, PT05]. **pervasive** [CD08, HZC+08]. **PESYS** [DW87]. **Peter** [Ano86i]. **petrochemical** [Han89]. **PETSc** [HNS05]. **PGGA** [LYQ06]. **Ph** [vdR87c]. **pharmaceutical** [BGR+99]. **Phase** [KI89, CEGL01, Fre94, JL95, Mur86, TC92]. **Phenomena** [BKS98, BMPS01, DS99, KCT99, SW99]. **phenomenon** [Szu01]. **phenotype** [MS03]. **Phenylium** [DRS04]. **photonic** [GGH+03, GMM+09, HAE+03, ZLD+03, MWC+03]. **phylogenetic** [SLO+05b]. **physical** [SSC04]. **physically** [SGL99, VLC03]. **Physics** [LBB+09, ABB+03, MDD89, Par06]. **picture** [Fuk85]. **pictures** [SKF+09]. **PIE64** [HKT94]. **pilot** [Mar99b]. **Pinatubo** [CDRS05]. **PIOMT** [Aba06b]. **PIPE** [CBD+05]. **pipelined** [PHL98, WLF+09]. **PKI** [GMC03, Var00]. **PKIX** [JLU03]. **PKIX-based** [JLU03]. **placement** [Low05, SO98]. **Planck** [TMV+07]. **planes** [Mam09]. **planned** [KY85]. **planning** [AMD08, AFPG91, AFP+92, KDE04, Mar02, OS92, RN04]. **plant** [Hir89, Mae89, Suz89]. **plants** [Han89]. **plasma** [BVDF00]. **plasmas** [GPH+94]. **plastic** [Ned06]. **Platform** [GC00, CW93, DDV92, DVVD02, DBA98, Fau05, LWHS07, SBHD08, WTK07, ZJWZ04]. **platforms** [BYV+09, MI01]. **playground** [GGW+09]. **PLFG** [Tan02b]. **Plug** [MS01, CCDS08]. **plug-in** [CCDS08]. **Plug-ins** [MS01]. **plus** [BS96, CYB90]. **PM**

[WBF08]. **PMCommunication** [STH+98]. **PODOS** [VSM02]. **Point** [WAE06, CFVP03, FGG03, Fio06, Ram95, WTC+02]. **polarizabilities** [Tor04]. **pole** [Var03]. **policies** [DZ04, LHC03]. **Policy** [Baa87, Aba09, HY09, LL04c, VVC+03, YBQ07]. **policy-based** [VVC+03]. **polling** [AAC04]. **polygons** [LD04]. **polymer** [JLMR00]. **polyradicals** [She04]. **POMPC** [Por95]. **POOSS** [CHHW91]. **POP** [NK07]. **POP-C** [NK07]. **POPE** [BG87]. **population** [Gue01]. **porosimetry** [HRJ+04]. **porous** [RS99]. **port** [CCHW03]. **portability** [CN92, McC96, Reu03b]. **portable** [BCM+95, GD93b]. **portal** [GL04a, KKS08, LW08, YLC+06, BAD+05]. **portal-based** [LW08]. **portals** [BCMA07]. **portfolio** [BHRT98]. **Porting** [FHG95b, CR92, GJS+94]. **positive** [Amo06]. **posture** [KLC05]. **potentials** [DMMP98]. **£10.95** [vdR87j]. **£14.95** [vdR87i]. **£19.95** [Ano87c]. **£22.50** [vdR87d]. **£25** [vdR87a]. **£25.00** [Ano87b]. **£29.95** [Ano87l]. **£40** [vdR87b]. **£7.90** [Ano86i]. **Power** [Par90, CN92, LC01, Shi04, UWV92, Zad87]. **Powerful** [CCL08, Pud87]. **pp** [Zem86, vdR87b, vdR87a, vdR87d, vdR87f, vdR87i, vdR87j, vdR87c, vdR87g, vdR87h]. **pp.** [vdR87e, vdR87k]. **Practical** [SPM86, vdV89b, ABdLL05, BvdBM+93, BORM07, BAC02, BLB03, Din99, MLZ+00]. **practice** [BGR+99, DSSU97, Ger02, PT05]. **practices** [BHD09]. **PRAMs** [HSS92]. **Prandtl** [Tab06]. **pre** [HCL07, HML07]. **pre-scheduling** [HCL07]. **pre-WS** [HML07]. **precomputation** [LJW08]. **preconditioned** [VFS01]. **preconditioner** [VF01]. **preconditioners** [ID98]. **preconditioning** [KZC04, WKZ+03]. **preconditionings** [MvdV01, mM95]. **predicate** [Qu04]. **predicate-ordered** [Qu04]. **Predict** [ZSI08, PGPW09]. **Predictability** [Mid01, McC96]. **predictable** [LYQ06]. **Prediction** [PN09, ACML05, BGC+03, BK06, CSW06, JSK+06, PKC04, TMT+07, VS04, VSV95]. **Prediction-based** [PN09]. **predictions** [ET08, ZSI08]. **Predictive** [FHM+99]. **preemptive** [XHY+90]. **Preface** [Fis00, Her90, Miz89b, Par91, Rus90a, Slo05a]. **prefetching** [CY01, PKC04]. **Preliminary** [LF95a, KSY92, TC92]. **Prentice** [vdR87h]. **Prentice-Hall** [vdR87h]. **preparation** [dLLA93]. **preprocessing** [CGM+07]. **prescribed** [CDS03]. **Present** [Abe92, Fer84, Bis94]. **presentation** [Zna94]. **preservation** [BKM03, HBH09]. **preserving** [EL03, UM02]. **Press** [Teb86, Zad87, vdR87i, vdR87j]. **pressure** [DMN+05]. **PREVISE** [dLLA93]. **Price** [Ano86i, Ano87b, Ano87c, Ano87l, vdR87b, vdR87a, vdR87d, vdR87f, vdR87i, vdR87j]. **pricing** [SVB07, Ven08]. **primitives** [BDFP05]. **Principles** [DHS00a, DK00, Gil94, PO00, Pap05, WRBG94]. **print** [KLH+04]. **priori** [GL04a]. **prioritization** [FD95]. **Prioritized** [WBT+08]. **Privacy** [Opp00]. **private** [KTY03, Nag86a]. **privilege** [CO03]. **Probabilistic** [MK95, AC92, Ban05]. **Problem** [Jon00, Pad92, YPF05, BJA+05, BHRT98, CSC+05, CGH04, CD99, CRM05, Del06, DOV01, EPJ+05, KKS08, Kos00, MC00, NMC05, OVDV98, Prz03, SMK05, TRFR01, Tre03, VDPHS09, WH05, WAE06, ZS05b, ZAP05, tTvH96, vdV89a, SMI01, VAS95]. **Problem-Solving** [YPF05, Pad92, CRM05, WH05]. **Problems** [Nit86, Van87a, BCMR01, BS04, BV04, CTMO06, Dat03, DHD89, DR03, ED04, Hul89, JNR01, MR04a, MKK03, NB04, Ned06, PKC+05, RGH+01, SKT+08, Sch03, Tab06, THKG98, VFS01, ZEO98, ZEO01]. **procedural** [BMFC07]. **procedure** [FCW01]. **procedures** [dLLA93]. **Proceedings** [Rho89]. **process** [BBL+05, CLP95, Cur92, DVV90, FJ00,

HAAH05, Niw89, SGY+07, ZMS+06]. **process-level** [CLP95]. **processed** [De 88]. **processes** [BMPS01, BDNN02, CM01, EL98, Gue01, HW95, Mis92, SKT02]. **Processing** [FMD99, Ano86j, CN92, Chv87, CEJK94, DMR93, DF97, EFD00, GP09, Her87, Kob92, KE85, LGH97, LH07, LK08, LM90a, NMZC06, ONHT89, PK99, Ref87, Sap88, SL87, SD03, Tic93, ZEO98, vdR86b]. **Processor** [VV92, XHY+90, AG92, Dui89, Goo01, Goo02, JCSS01, LC03, LMH+09, Ser98, DFSZ88, Geo02]. **processors** [BFR05, DR05, FD95, SD06, SCK+00]. **ProCoS** [BHH91, BHH92]. **Procrustes** [Tre03]. **product** [HBCR01, Tho06]. **production** [GML99, KH89]. **productivity** [LJ07]. **products** [Pin87]. **profile** [FC05, ZL04a]. **profile-based** [ZL04a]. **profile-driven** [FC05]. **Program** [BS96, BP94, Ano86m, Baa87, Bun03, CC00, Fah98, FHG95b, Höf03, KDFL99, Kom89b, KV03, Leo98, Li90, LDSH95, MRV92, RS94, SR03, Ser98, SLO+05b, SBLT05, Yam92]. **Programmable** [Tof99]. **Programme** [HT02]. **Programmer** [Kea99]. **Programmer-level** [Kea99]. **programmers** [Teb86, vdR87i]. **Programming** [BCL88, BR92, BP94, CSP98, JBA94, KGX95, KBM+02, KB92, LSF+94, NK07, PBM95, ST99, ACGdT02, ADT03, Ano84k, Ano85g, Bal92, BMFC07, BSG+05, BLB03, CLP95, CDF+05, CPK05, DDRR96, DHS00b, DLW86, GHWZ94, HLSØ06, IMSV90, JF05, Kom89b, LP01, Luk89, MD92a, McC96, MS01, MK95, OBK88, Oku92, SSKF95, SHJ06, WDD00, WB90, vdR87h, vdR87j]. **Programs** [ABF93, DDO+92, BP01, CLP95, CRE01, CY90, De 88, FSP02, FJ00, JCSS01, Kac00, KTV03, LTOT07, LRMC94, Mal94, Reu03b, RCD03, VP94, ZT90, ZT91, Zha93, ZS90]. **Progress** [HV84, DQ97, Hul89]. **Progressive** [CCM98, CCLS09, VS04]. **ProHPC** [BBD+99]. **Project** [Zin00, Ais88, Coo94, FS93, FK99, Fur92, Jon00, Kas85, Lin84, NTN86, VBP03, vdR87e, vdR93b, BVP+87, KBM+02, MFP05, Sti93]. **projection** [BV04]. **Projections** [HK88, KZLK06]. **projects** [Mar86, NSF87]. **Prolog** [BG87, vdR87g, Dup90, AR98, CY88, CYB90, GC94, HSS00, LY90a, LY90b, Lop93, Teb86, vdR87i, vdR87j]. **Promise** [TS99, FS97, Ful91]. **Promoting** [FdSC07]. **proof** [MD92b]. **propagation** [GKIZ05, GCK98, TM05]. **propelling** [Suz89]. **properties** [Ban05, IS06, LS05, NCS04]. **proportional** [LL04c, NP06]. **proportional-share** [NP06]. **prospect** [Kaw92]. **Prospects** [TS99, Fer84]. **Protecting** [EHMS00]. **Protection** [HLvL+97, Opp00]. **protein** [BORM07, CCG07, DCK03, TMT+07]. **proteins** [BORM07, FVFA98]. **protocol** [AMH02, AMH04, AS02, ACE02, BDFP05, GL04b, KKL09b, Reu03a, BBM+03, OVK+09]. **Protocols** [BCH+08, GSD95, BAC02, DSS98, SMC99]. **prototype** [GRPL04, KSY92, ZY90, ZCW+04]. **provably** [GPA96]. **provenance** [WLF+09]. **provers** [Sti93]. **provide** [MK04]. **providers** [MHA09]. **providing** [KV09]. **proving** [Sti93]. **provision** [KSM+07a, KSM+07b, YKL+07]. **provisioning** [MKT09, PN09, SLJ+06]. **proxy** [ADM06, TYH04]. **PSE** [Hua05]. **PSEE** [LSS94]. **PSEs** [VR05]. **pseudo** [Tan02b]. **pseudo-random** [Tan02b]. **Pseudorandom** [GZ04]. **pseudospectra** [BKG05]. **public** [MCT+09, Wit94]. **Publications** [vdR86b]. **publish** [HMP04]. **Published** [Ano86i, Zad87, vdR86b]. **Publisher** [Ano87b, Ano87c, Ano87l, Ano89f, Ano06]. **Publishers** [vdR87f]. **publishing** [PCM99]. **Puerto** [SR03]. **PUL** [BCM+95]. **purpose** [AKW90b]. **PVM** [Ber96, CS96, PL96]. **PYR** [CDRS05]. **pyramid** [KY04].

pyramid-based [KY04]. **pyroclastic** [CDRS05]. **Python** [BCG05, HLSØ06].

QoS [BCPS03, DMZ09, FMS08a, GdLvOT03, HB00, MKT09, MM08, Pal06, WL05]. **QoS-based** [FMS08a]. **quadratic** [EL03, TRFR01]. **quality** [HJCD05, NZQ07, SMC99, TSZP99, KLM+03, KTM+08]. **Quanta** [HAE+03]. **quantiles** [BDHK06]. **quantization** [LFWV05]. **Quantum** [Höf03, LPB04, LDSH95, SBLT05]. **quantum-chemical** [SBLT05]. **QuarkNet** [BGJ+06]. **QuarkNet/Grid** [BGJ+06]. **quasi** [Szu98, BMZ01]. **Quasi-Newton** [BMZ01]. **quasi-random** [Szu98]. **QUATRAIN** [DMR93]. **queries** [SHLB08]. **Query** [SLŽ+09, LK08, LMH+09, SD03]. **Query-driven** [SLŽ+09]. **querying** [CGST09]. **questions** [WBMP99]. **queue** [Tho06]. **queueing** [Lee04]. **quicksort** [PHL98]. **quo** [Kaw92].

R [Ano86i, Ano87b, Ano87c, Ano87l, vdR86b, vdR87j, vdR87k, WSS+09]. **R&D** [Ano84i, Nag86a, Smi86]. **R-based** [WSS+09]. **race** [KKP00, PM00]. **radial** [NK05]. **radio** [HJPS03, SLJ+06]. **radiological** [BDNP92]. **radiology** [PK99]. **radiosity** [Sch98]. **RAISE** [BHH91, BHH92]. **random** [BTM06, CC98, Szu98, Tan02b, TSZP99]. **range** [BS09, OS06, SHLB08]. **rank** [TM05]. **Rarefied** [CH95]. **rate** [AS02, HJPS03, SCP09]. **rationale** [dLRW03]. **raw** [DMMP98]. **ray** [NMZC06]. **RCT** [SHLB08]. **RDF** [SY04, vdHDT+06]. **re** [CCG07]. **re-structuring** [CCG07]. **reaction** [BMPS01, Ban02b]. **reaction-diffusion** [BMPS01]. **Reactions** [Meu05]. **reactive** [LPB04]. **reactivity** [DRS04]. **Readers** [Ano05g, Slo06a, Slo06b]. **Reading** [vdR87g]. **ready** [BFK02]. **Real** [KLC05, MKT09, SKF+09, VLK09, XYZ05, BRR+04, DT93, Doḡ09, FSP02, HMP04, KA09, LF01, LLWN04, Pal09, Pfi99, PN09, SS04, SST+06, Sin92, Suz89, dlTK92]. **Real-time** [KLC05, MKT09, VLK09, XYZ05, BRR+04, DT93, Doḡ09, HMP04, LF01, Pal09, Pfi99, PN09, SS04, SST+06, Sin92]. **real-world** [FSP02]. **realisation** [DGS09]. **Reality** [CHK98, Kaa99, Ami90, BLRS98, BYV+09, CCBR98, CN98, DDS+09, DBA98, Kaa98, PSG+06, SUD+98, vVDBB98]. **realization** [Kom89b, KM01]. **realizations** [DL03]. **reasoning** [ATT96, FB93, Ser95, VM93]. **receive** [Gor02]. **recognition** [KLH+04, KKP+05, MPH00, Pet95]. **recombination** [SBS98]. **recommendation** [KKYK04]. **recommendations** [WBMP99]. **recomputation** [HSS00]. **reconfigurable** [AAB+92, JL98, NWE04, Pan95a, PHL98]. **reconfiguration** [CCLS09, MKT09, PA01a]. **reconstruction** [Alb04, IEG04, RICW00, XSM04, ZS05b]. **record** [RCD03]. **record/replay** [RCD03]. **recorded** [HNP05]. **records** [CTT+08a]. **recovery** [PY00, PWY03]. **rectifying** [HYS04]. **recurrences** [Van92]. **recursive** [HML09, IST04, SSC04, VS90]. **recursively** [VS88, YYW+09]. **Recursively-Adjusting** [YYW+09]. **reduce** [BORM07]. **reduced** [BFLL99, TM05]. **reduces** [PCB99]. **Reducing** [FC05, de 94]. **Reduction** [Ama88, Ama89, BVP+87, BHH+93, RSRV88, Vre88, BK97, BHK90, Fuk85, Höf03, KGW95, RSV90, SS03, VS04, Vre89]. **Redundant** [dRSS97, TBD+02]. **reference** [AKB+01]. **refinement** [HV03]. **refinements** [CPB00]. **Reflection** [Lop96, TA96, AP96, BS96, tTvH96]. **reflective** [EV96, Pit96, SGdMM96]. **regime** [FVFA98]. **region** [RV95, SMC99]. **region-of-interest** [SMC99]. **register** [GD05, MSS02]. **registration** [CEGL01, MLSO01]. **registry** [BGK+05]. **regular** [Dör05, NHT06]. **Reiblein**

[vdR87j]. **Reidel** [vdR87k]. **reinforcement** [Ven08, Ven09]. **related** [BSG+05, EV98]. **relational** [Mur88, NSI84, ZY90]. **relations** [vdR87h]. **relative** [KCK04]. **relativistic** [BST+04]. **relaxation** [KKHS01, LN94]. **Relaxed** [GSD95]. **release** [PY00]. **relevant** [Meu05]. **Reliability** [RdLM06]. **reliable** [Var03]. **Remote** [HSH+07, SK97, AMW99, BCFS02, Han03, KPB+03, LHL03, RvdSB+03, VS04, ZMN99]. **remote-sensing** [AMW99]. **rendering** [BRR+04, HH98, Igl04a, KPB+03, Pfi99, XYZ05]. **Reorganization** [FMS08b]. **replacement** [WG00]. **replay** [RCD03]. **replica** [CC07, KLSS05]. **Replicated** [HHS98, SHJ06, Bal91a, DAM08, TV08]. **replication** [CCL07, CCG07, Doğ09, LVH08, LSTV07, MC04, MHA09, TLYT05, TLTY06, ZWJ04]. **replicator** [WKT00]. **report** [CN98, DQ97, FK99, Van87b, vdR87l]. **repositories** [EGAQ09, HESM99]. **repository** [FAJP99]. **representation** [AP96, Qu04]. **representations** [LY90a, NMC05]. **required** [PCB99]. **requirements** [Ber96, DDRR96, FC05, Mur95, PB05]. **requires** [DHS99]. **Research** [DGS09, Kaa99, PSP+09, Van87b, BY93, BAD+05, BS84, Fur92, Gal87, LPC+95, LGS+07, NSF87, Sch94, Sti93, Tic93, ZL04a, vdR87l, Kaa98]. **reservation** [CFG+05]. **reservations** [ET08, NF07]. **reservoir** [PKC+05]. **resilient** [TDV+08]. **resolution** [HJPS03, KPB+03, KLH+04, PCB99, RJH+09, SMC99, SLDK03]. **resonators** [CASW05]. **Resource** [CKKG99, EGK+07, EW97, HQ07, Slo96, VDPHS09, Zhu04, ABG02, AFF+09, BBM+03, CCL08, CCLS09, CT09, CC09, DS08, ET08, Fer96, FHM+99, GPK05, HZC+08, HB08, HY09, HB00, HPLL08, HML07, HML09, KA08, KFC+07, LL04c, MTV05, MV09, PGPW09, PN09, TTP+07, Vau93, Ven09, Wal86, WSH99, WCC+09, YBQ07, ZYXL05]. **resource-aware** [HY09]. **resource-constrained** [Ven09]. **resource-management** [Fer96]. **resource/service** [MV09]. **Resourceomic** [CCM07]. **resources** [ACC+05a, BJWZ08, DFC+08, GGM+09, Kos95, NZQ07, PSA+09, SVB07]. **respect** [HW95]. **Response** [BCS99]. **responses** [PKSC02]. **Responsive** [Wes99]. **restart** [Dal06]. **Restarted** [BB04]. **Results** [Ano87m, KI89, Ano87j, FHG95a, LF95a]. **retail** [GPA00]. **Retargetable** [DR05]. **retrieval** [CC07, FC09, JC08, KY04, MS03, OCdAM07, SYT09, SLŽ+09, SNA92]. **retrieving** [SZC05]. **retry** [CK00]. **return** [Kuo86]. **reusable** [CN92]. **reuse** [TV08]. **reverse** [FC05, HNP05]. **reverse-mode** [FC05, HNP05]. **reversible** [JL03]. **review** [Gra92, Zha93, Fuk85]. **Reviewer** [Ano86i, Ano87b, Ano87c, Ano87l]. **Reviewers** [Ano07, Ano08]. **revolution** [Sin84, Bur02]. **RF** [DD05]. **rheology** [Ned06]. **rich** [RJH+09]. **Rico** [SR03]. **Riet** [Ano86i, Ano87b, Ano87c, Ano87l]. **rigorous** [LLZ07]. **RISC** [BBSV92]. **risk** [TMTY05]. **Ritz** [BB04]. **RMI** [AG05]. **road** [BBC+99, BS91b, SNW01]. **road-vehicle** [BBC+99]. **Robert** [Ano84k]. **Robot** [Shi85, Mar02]. **robots** [Poh87]. **robust** [BRMN04, CDS03, Var03]. **rocks** [BBJ+06]. **role** [CO03, Wie03, Wit94]. **rolling** [FN00]. **room** [Ram95]. **root** [TM05]. **ROST** [HSH+07]. **Roth** [Zem86]. **rounding** [SS03]. **route** [RN04]. **routed** [KD00, LOK09, SVC+07]. **routine** [OCdAM07]. **routines** [BFR05]. **Routing** [Dör05, GLA88, CST92, DOV01, KLM+03, KSAOK03, KSAOK08, LHB95, LS01, OVDV98, SAKOK03, SDD+09, Xia06]. **RP3** [CR92]. **RSA** [KKL09b]. **Rule** [HBH09, LJPS05, Yos89]. **Rule-based** [HBH09, LJPS05, Yos89]. **rules** [AW97, KA08, SA97]. **Run** [CWD+08].

Run-Time [CWD+08]. **Runge** [CP06]. **running** [CRE01, DW87, ZSI08]. **runtime** [Höf03, TSK03, VR05]. **runtime-interference** [Höf03]. **runtimes** [DPP03, KTV03].

S [Ano87c, Teb86, vdR87e, vdR87i, vdR87j, Ano99, LJY04]. **Sabotage** [DSS07, Sar02]. **Sabotage-tolerance** [DSS07, Sar02]. **safety** [HDC+94]. **Salesman** [SMI01, VAS95]. **sampling** [TKT+08]. **Satellite** [BT93]. **satellites** [TC92]. **SATEXPERT** [CSC+92]. **Scalability** [BNFZ08, LLRS94, McC96, SMC99]. **Scalable** [AMH02, JL08, LXLS09, SBG+09, TDV+08, AG92, AR07, BW95, DLR+09, DVVD02, GW01, KK97, LC05, LBYL08, MCT+09, Pal06, PHL98, Pro07, RL98, SCK+00, SLŽ+09, VS88, ZJWZ04, FMD99]. **scalar** [SW99]. **Scale** [AKW90a, CHK98, BBSV92, BBJ+06, BDL06, BCG05, BCH+08, CDF+05, CR92, CTT+08b, CTMO06, Dat03, DAM08, Din03, FAJP99, GLA88, GPH+94, HKM+06, JL03, Joh02, Kos95, KTV03, LPK94, MTV05, MKH06, MR04a, NSP07, RN04, RL98, WVC05, WKZ+03, YHJC05, YCAS03, YCX05]. **Scaling** [KZLK06, Var00]. **scan** [Alb04]. **scanning** [HYS04]. **scattering** [LPB04]. **scenario** [HND06]. **scene** [SOR05]. **scheduler** [BCB+07, CFGC03, THN+06]. **schedulers** [CCDS08, EL98]. **Scheduling** [LRMC94, RSRV88, Ser98, SD06, Aba06a, Aba09, AMD08, AFPG91, AFP+92, CGT07, CCL07, CCL09, CK00, DZ98, DRNMC09, EV96, EL98, ED04, FD95, FN00, GRH05, GP09, HV92, HCL07, HXL90, HPLL09, HML07, JCSS01, JM01, KA09, KMK09, KB09a, LTOT07, LHL09, LKG07, LYQ06, LB09, NP06, NP03, Nos98, Pal09, Par04, PW09, RNJK09, SZ98, SKJ01, Shi04, SCP09, SDD+09, TLTY06, Ven09, WL05, WHP09, XHY+90]. **scheme** [AAC04, CG02, CHJ+04, CYH04, CGL08, HWW04, LBYL08, LHC03, LHL03, MK04, NB04, PY00, PWY03, PSL+04, TYH04, YYW+09]. **schemes** [ÅO06, LLKF09, PGSM05, Shi04]. **School** [HY03]. **schooling** [Sch01]. **schools** [MR03b]. **Schrödinger** [BFLL99, IS03]. **SCI** [STTK03]. **SCI-based** [STTK03]. **Science** [ABMS05, Bis96, CF09, DGST09, HT02, NSF87, NTN86, Ros94, TS99, ZBB09, ABM+07, BHD09, BLB03, Bun03, CH04, Coo86, FGG03, GRPL04, Hul89, JHL+06, Joh89, Joh02, Kol89, Lit03, MR03b, Rho89, Ros89, SBG+09, SL97, SSMG95, Tan02a, Wie03, Wil89, WAD+89]. **Sciences** [AKMK05, SR03, Han03, Hul89, LWHC07, TWC+06]. **Scientific** [HY03, MBZL09, AW03, AKB+01, BBBD01, Bea03, Ben99, CSW06, Dal03, DRS+97, Din99, DT08, Fin99, GHWZ94, GP09, GB99, JNPY06, KB09b, MCT+09, PNH99, PSG+06, RL98, SSC09, WLF+09, WSS+09, vdV89b]. **scope** [Par87]. **SCORM** [SYT09]. **SCORM-compliant** [SYT09]. **scripting** [Bea03]. **SDEM** [Mat89]. **SDI** [Poh87]. **SE** [BT93]. **SE-TC2** [BT93]. **SEAI** [vdR86b]. **Seamless** [TDG+06, DFG+00]. **search** [Bal91a, BNFZ08, BS09, CC98, Dzw97, JC08, LAM07, MVS00, NSI84, RNJK09, ZZ90]. **searches** [SA07, SF06]. **Searching** [CFG93, Sch03, SZC05]. **Second** [Ste85, Bou95, WYN+90]. **secrecy** [BDNN02]. **Secret** [EHMS00]. **Section** [CF09, GR09, GMS09, KT08, LXLS09, Aba06b, ABM+07, AR07, ABMS05, BGL08, BN06, BLAV06, Büc05b, DLP06, DKD08, DDM+08, DT08, FM08, GA06, GMA07, Hab05, HKM+06, Igl07, JL08, Kim07b, hKcF09, MOK06, Ole07, PH07, PX07, SDBdL06, SBdL09, SPEW09, SD07, VLK09, ZBB09, Zhu07, ZAP05]. **sector** [Nag86a]. **Secure** [ABCD00, KKL09b, SSF+09, BDFP05, Din03, FLPP05, GPA00, HLvL+97, JFDF09, LL04b, Sin07, ZDR07, CKK+04]. **secured** [KBB+09]. **Securing** [PPSS06, Pol99].

Security [PX07, CDF+05, CKK+04, CWW+99, CLM00, DMG+08, DDR+07, GMC03, KLH+04, KKL09a, hKcF09, LS07a, Lan00, MPPM09, NZQ07, PM00, SM03]. **Segmentation** [DMM+99]. **segments** [TV08]. **seismic** [AMB+92]. **Selected** [BGL08, DMW04, Igl07]. **selection** [ATT96, CC07, Dua94, DMN+05, ET08, HWZL08, KA08, KH97, KKL06]. **selective** [HSS00]. **Self** [DD05, FSM88, DRNMC09, FS07, GL04b, KMN+05, XHY+90, PIKM02]. **self-gravitating** [KMN+05]. **self-modifying** [GL04b]. **Self-organizing** [DD05, FSM88, FS07]. **self-scheduling** [DRNMC09, XHY+90]. **Self-Timed** [PIKM02]. **Semantic** [HB08, ZL04a, BX04, FC09, HK88, Hal88, JC08, VGBLGS+06, LWHC07, LvSW+04, WC06b, Zhu07]. **Semantic-supported** [HB08]. **semantically** [BCMA07]. **Semantics** [JD94, Zhu04, Ber00, BL92, CPB00, Hal88, HJP92]. **semi** [AC01, BDHK06, JC09, NB04]. **semi-automatic** [AC01]. **semi-discrete** [NB04]. **semi-Markov** [BDHK06]. **semi-structured** [JC09]. **semiconductor** [FHG95b, SGFS01]. **SemreX** [JC08]. **send** [Gor02]. **sensing** [AMW99]. **Sensitivity** [PBHK01, PBT02]. **sensor** [LBYL08]. **sentence** [Nit86]. **separation** [FdSC07]. **September** [Ano84k]. **sequence** [BORM07, CS05, DMR93, DCS+07, YD05]. **sequences** [Leo01, MP02, TKT+08]. **Sequential** [CKFJ06, JBA94, LYMZ09]. **SEQUIN** [BCPS03]. **serial** [RS94, SGFS01]. **Series** [Ano86i, GKIZ05, LFWV05]. **server** [BGR+99, CWD04, CGL08, Cho04, GW01, HAC92, HJCD05, Lee04, LHL03, PA01b]. **serverless** [SWCP03]. **servers** [LPE08, SMA08, WWC+97]. **Service** [OF07, OVK+09, ADF+05, AN08, BJA+05, BSCC06, BPC+01, BGK+05, CKFJ06, CGST09, DCS+07, DLW07, Din03, DDR+07, GPK05, GMEL08, HJS+99, HSH+07, Hua05, LL03, LvSW+04, LKA+08, LJW08, LS08, LMH+09, MHA08, MV09, Pal06, PKC04, SVC+07, SGY+07, SPBT07, THN+06, TBNF09, WWC+97, WSH99, YKL+07, ZZ09, GMEL08, KLM+03, KTM+08, YPF05]. **Service-based** [OVK+09, HJS+99, LMH+09, TBNF09]. **service-oriented** [CGST09, Hua05, LvSW+04, MHA08, GMEL08]. **Services** [AFP07, BMFC07, BBW08, CdCD07, CTT07, CLM00, FLPP05, GPA00, GMC03, GGH+03, HML07, JRF+07, JC09, KF00, LG08, MFP05, MTV05, MS01, MC04, MHA09, MPPM09, Opp00, PK99, PH99, Pol98, Pol99, PPSS06, PEG05, PBB+05, QP08, RG04, SLJ+06, SZGbC04, TS08, VGBLGS+06, WCC+09, YCX05, ZJWZ04, AKMK05]. **Session** [Ano86h, OVK+09]. **Set** [Zna94, CGH04, DL04, RNJK09, Xia06]. **set-splitting** [CGH04]. **set-up** [RNJK09, Xia06]. **sets** [BCW01, DB99, HAB+06, LGH97, Sin07, XYZ05, ZLD+03, vdR87f]. **setting** [WM07]. **SGrid** [LvSW+04]. **Sgurev** [vdR87c]. **shadows** [DS04a, Sch98]. **shape** [BBL+05, LKG08]. **share** [NP06]. **Shared** [KGX95, PBM95, BK97, BBSV92, Ber98, CR92, CYH04, CCLS09, DFC+08, FP03, GB99, HH98, HHS98, LWSC07, OB04, PADD03, PY00, PH94, RCD03, SF06, TC06, TYH04, WYJ99]. **shared-image** [FP03]. **shared-memory** [BK97, CR92, SF06]. **Sharing** [DL00, BBM+03, CTT+08a, CWD04, DZ04, DGS09, ELvD+96, MM08, SBG+09, SCY01]. **Shedding** [SHB89]. **shelf** [RV95]. **shell** [KTY03, Tab06]. **Shells** [TA96]. **ship** [Suz89]. **shock** [Kni89]. **shop** [DDV92, ED04, RNJK09]. **shop-floor** [DDV92]. **shortest** [Luk89]. **Should** [Poh87]. **shrinking** [UM02]. **shuttles** [BRS04]. **side** [HSS00]. **side-effects** [HSS00]. **Sigma** [vdR87j, ANN+92]. **SIGMCC** [CTT+08a]. **signaling** [SJTG07]. **signals** [Fuk85]. **signature**

[Ale97, CYH04, HWW04, TYH04]. **significance** [DFG+00]. **signing** [HWW04]. **silicon** [MPH00]. **SIMBEX** [GL04a]. **SIMD** [BL92, CEJK94]. **similarity** [BNFZ08, NSI84]. **Simple** [SWCL95, Sch01, ABF+03, HHSW92, TDL05, VP94]. **Simpler** [BB04]. **simplified** [SUD+98]. **simplify** [HLSØ06]. **simulate** [SGL99]. **Simulated** [VSvD95]. **Simulating** [DS04b, DIK+06, JLMR00, DS99, KZC04, Mor01]. **Simulation** [BAD+05, HW95, LSS94, MVRM08, RSV90, TC06, Wor99, AJZ+02, AGJN00, Ano96b, BMPS01, Ban02b, Ban05, BJNH05, BKK02, BDL06, BPS+03, BVDF00, Bru01, CYLT05, CGT07, CTT+08b, CTMO06, FJT01, FW02, FN00, FCW01, GL04a, GBE00, Gra01, GCK98, HDC+94, HQ07, IOO04, JL03, Kni89, KMN+05, LR01, LF01, Len01, LB09, Mid01, MSX00, Mun04, NJW+06, NCS04, PO00, Par06, PPJ95, PSS01, RdSH+00, RN01, RV95, RS99, RGH+01, SGFS01, Sch85, SNW01, SBS98, She00, Sin92, SKT02, SUD+98, SLW01, SdSP04, UTT00, VN01, YCAS03, ZMS+06, vOB95]. **Simulation-based** [MVRM08]. **Simulations** [SdR99, ABL04, AKH+04, BRMN04, CTF+99, HRJ+04, JNPY06, KKHS01, LPK94, NEJP94, PF01, PBB+05, RN04, SMK05, SCK+00, VWCV94, VSV95, WKZ+03, Kol89]. **simulator** [BCS99, LJY04, SM01a, WWSM98, YA02]. **Sinclair** [Sin84]. **single** [AFF+09, DL00, MGLV04, SF06, dlTK92]. **single-chip** [SF06]. **singlet** [Tul04]. **Singular** [BH03]. **Sink** [SO98]. **Situated** [BMS05]. **Situation** [Hal88, NSHP88, WBT+08]. **Sixth** [Ano84e]. **size** [BVDF00, HV92, Tor04, Van92]. **SKaMPI** [Reu03b]. **skeletons** [BG05]. **SLA** [BCPS03, DMZ09, HY09]. **SLA-constrained** [HY09]. **slave** [HCL07]. **small** [LAM07, Van92]. **small-world** [LAM07]. **Smart** [Mar90, AHdJF97, Ale97, BGV97, CkLC06, DQ97, DF97]. **SMiLE** [STTK03]. **Smith** [vdR87e]. **smooth** [ZY04]. **SMP** [BSG+05, CRE01, MTKS00]. **SN1000** [CGSZ95]. **SNIPE** [FMD99]. **snoop** [Yam92]. **snoop-cached** [Yam92]. **snooping** [DSS98]. **SOAs** [KB09b]. **social** [DGS09]. **society** [Ano87c, Mar98b, Mar98a, Mar99b]. **Soft** [Hab05, DS04a]. **Soft-computing** [Hab05]. **Software** [ÅO06, BHH91, Cas94, Kow84, Kow85, Mai91, Mat89, Sch94, SK97, TD95, AAB+92, AMB03, Ano87b, Bea03, BBL+05, BHH92, BKŁ01, CGSZ95, Cur92, De 98, GJS+94, GCK98, HZC+08, HLvL+97, Hum92, IMSV90, Jon00, LWSC07, LDS06, MB01, Poh87, STTK03, SLZ95, Tak05, TBK06, ZMN99]. **soil** [LNJ04, ST98]. **solar** [SZC05]. **solid** [GNOY01, WKZ+03]. **solution** [CGH04, KA09, SS03]. **solutions** [ZEO98, ZEO01]. **solvability** [Ned06]. **solve** [Del06, ED04]. **solver** [BG05, ID98, MMVV08, PH94, SGFS01, SSC04, vM94, Jon00]. **solvers** [BJNH05, BRMN04, BGC+03, NHT06, dSL98]. **Solving** [HPP94, KKS08, SG04, YPF05, vdV89a, BJA+05, CSC+05, CRM05, DHD89, EPJ+05, NMC05, Pad92, PKC+05, Sch03, SMK05, WH05, ZS05b, ZAP05, tTvH96]. **Some** [Luk89, MDD89, DS99, DR03, Mid01, Kat04]. **SOME-Bus** [Kat04]. **Sons** [Ano87c]. **Sophia** [Zna94]. **Sophia-Antipolis** [Zna94]. **sorting** [CG02, CKFJ06, Kat04]. **source** [BP01, NB04, PBT02]. **source-code** [BP01]. **Sowa** [vdR87g]. **space** [All92, BORM07, BW97, DZ04, DFC+08, DL00, Fuc93, JL95, Lau92, NHG02, NHG03, SW05, SCK+00, SGH+08, SSMG95, TMV+07, VLC03, ZYXL05, dLLA93]. **space-filling** [SW05]. **space-shared** [DFC+08]. **space-sharing** [DZ04]. **spacecraft** [AFPG91, AFP+92, CSC+92]. **spaces** [BMS05]. **spanning** [Luk89]. **SPARC** [AG92]. **sparse**

[BJNH05, BMZ01, HBCR01, IST04, NHT06, SKT+08, SGFS01, SG04, dSL98]. **sparse-matrix-vector** [HBCR01]. **spatial** [Ban05, Coo90, FX07]. **Spatio** [HYC04]. **Spatio-temporal** [HYC04]. **Special** [Aba06b, ABM+07, AR07, ABMS05, BGL08, BN06, BLAV06, Büc05b, CF09, DLP06, DKD08, DDM+08, DT08, FM08, GR09, GA06, GMA07, GMS09, Hab05, HKM+06, Igl07, JL08, KT08, Kim07b, hKcF09, LXLS09, Mes02, MOK06, Ole07, PH07, PX07, SDBdL06, SBdL09, SPEW09, SD07, VLK09, ZBB09, Zhu07, ZAP05]. **specific** [BFK02, DR05, PNH99, WBF08]. **Specification** [Pro07, ATJMZ02, GGW+09, ZZ09]. **Specification-correct** [Pro07]. **specifications** [ABK94, BDFP05]. **specimens** [FGCM07]. **spectra** [CGM+07]. **Spectral** [BvdHN+01, Mal94, MLZ+00]. **spectroscopy** [GPH+94]. **spectrum** [GPH+94]. **speed** [AB03, HG92, HAB+06, Kas85, LC01, MFP05, SRG+03]. **SPEEDUP** [AB03, ABMS05]. **Sphere** [VSvD94]. **spherical** [Tab06]. **SPiDER** [FSP02]. **spills** [MSS02]. **spin** [Coo90]. **SPINEware** [BvdV99]. **spiral** [HHS98]. **spline** [IEG04]. **Split** [PNH99]. **splitting** [CGH04, Čie04]. **sponsored** [NSF87]. **SPP** [SSMG95]. **SPP-1000** [SSMG95]. **SQL** [CKFJ06]. **square** [TM05]. **square-root** [TM05]. **squares** [vdV89a]. **St** [vdR87i]. **Stability** [CP06]. **Stable** [CHHW91]. **staging** [MTNM08]. **stalemate** [Chv87]. **standard** [ZMN99]. **standardization** [Kob92]. **standards** [MLD08, RS94]. **star** [KSAOK08]. **StarCAVE** [DDS+09]. **StarPlane** [GMM+09]. **STARS** [vV85]. **State** [CN98, BDHK06, Van87b]. **statement** [Leo01]. **statements** [Leo98]. **states** [REM04, Tul04, Wii84]. **Static** [HPLL09, GL05, OS06]. **statistical** [Ald89, HPS97, MCA02, ZZ90]. **statistics** [Pan95a, vdR87k]. **Status** [MK88, Abe92, FK99, Fur92, Kaw92, Miz89a, Nag86b]. **STEER** [LWHC07]. **steered** [PHM+99]. **steering** [LJPS05, LBB+09, MvLvW98, MvWvL99, VMvW97]. **Stellar** [LM90b]. **stem** [BPP+07]. **stented** [HORC04]. **step** [CP06, Kos95]. **stigmergy** [DBT00]. **stimulating** [JFDF09]. **stochastic** [CKR04, Gue01, HWS07, BP02]. **stock** [Yam89]. **Stokes** [ID98, vM94]. **storage** [ADM06, DLR+09, GGSZ09, KK97, NJW+06, NZQ07, OB04, WBT+08, YCAS03, ZJWZ04, CHHW91]. **Strategic** [vdR87d, BM08]. **Strategies** [PR95, DFC+08, GJS+94, LPB04, LB09, MM03]. **strategy** [Car86, DMZ09, FN00, HCL07, HWZL08, HPLL09, KKL06, LVH08, LYMZ09, LS01, Qin07, RM97, SK05]. **stream** [GS95, LM90a]. **streaming** [FMR05, SST+06, SKF+09, SLDK03]. **StReD** [NZQ07]. **stress** [BBJ+06, OS06]. **string** [MM03]. **stripes** [vV85]. **Structural** [HJP92, Lop03]. **Structure** [BKM03, KKL09a, ANN+92, BM00, CCG07, Coo90, DLW86, Lin84, LYT+05, Nit86, TMT+07, ZQZZ09, ABK94]. **Structured** [HB09, ADT03, BFK02, DLP06, JC09, LLZ07, PGSM05, SS03]. **structures** [BNFZ08, BL92, KN06, Yam92]. **Structuring** [Leo01, LPE08, CCG07]. **Stuart** [Zad87]. **studies** [BBSV92, Cur92, Fuk85, GGH+03, MMVV08, MDD89, NHG02, NHG03, PKC+05, RSV90]. **Study** [CY88, KI89, Bal92, BBM+03, DRS04, Doğ09, EGCY+06, HORC04, KDE04, KE85, Rou00, SMI01, TC06, WX02, WM07, ZM97, vVDBB98]. **studying** [SH99]. **Style** [BCL88, Bal91a]. **styles** [MS01]. **Subgraphs** [WLB00]. **Subject** [Ano92h, Ano92i, Ano93i, Ano94g, Ano95h, Ano98c, Ano01d, Ano02c, Ano03i, Ano04b, Ano05f]. **subroutines** [DT94]. **subset** [OP95]. **subset-equational** [OP95]. **subspace** [CHJ+04, Dat03]. **subspaces** [HV03]. **Substation** [ONHT89]. **substitutable**

[SVB07]. **subsystem** [WTC+02]. **Success** [vdR93a]. **suggest** [MVS00]. **Suitability** [KKP00]. **suite** [BBBD01, Reu03a, SCK+00]. **summary** [DR89]. **SUNY** [Lit03]. **super** [Kas85, MTV05, MCT+09]. **super-peer** [MTV05, MCT+09]. **super-speed** [Kas85]. **Supercomputer** [KMN+05, KGLA85, LM90b, SS90]. **Supercomputers** [Fer84, DFSZ88, DHD89, LM90b, Per86]. **Supercomputing** [Ros89, AS99, Han03, LPC+95, Mun04, WTC+02, WAD+89]. **SuperJANET** [Coo94]. **supernode** [PR95, CGSZ95, AAB+92]. **superscalar** [BFR05, Goo01]. **supervisor** [DMR93]. **Support** [BCM+95, DDO+92, Gra92, BK97, CY88, DMR93, DSH+99, GS95, Hum92, LGH97, LGW07, NHG02, NHG03, ONHT89, OVK+09, PM04, Pal06, Pal09, Per86, SB97, SGP+09, VR05, WLF+09, YCX05, dLLA93]. **supported** [HB08, KSM+07a, KSM+07b, LNJ04]. **Supporting** [BMS05, EMB98, Fra08, ADT03, KT08, LG08, Pag99, SZP00, SHLB08]. **SUPRENUM** [SS90]. **Surface** [Alb04, CFG93, GL95, IEG04, RBS93]. **surfaces** [DY04, ZY04]. **surgery** [SGL99]. **Surgical** [EKB00, WWSM98]. **survey** [Ano84a, Ano87m, FS93, Igl04a, MvWvL99]. **SVD** [PP06]. **swarm** [MCA02]. **Swedish** [HY03]. **sweeps** [SBA+05]. **SWIG** [Bea03]. **switched** [CkLC06]. **switching** [CFVP03, MGYC06, SKF+09]. **Symbiosis** [CSP98]. **Symbolic** [Fah98, GI07, FB93, Ref87]. **Symbolic/numeric** [GI07]. **symmetric** [AKH+04, TC06]. **SYMPATIX** [CEJK94]. **symplectic** [IS03, MR03a, MR04b]. **Symposium** [Bis96]. **synchronization** [AC92, BB06, EV96, GI07, GE90, Pan95b]. **Synchronous** [Dui89, GL05, AT01, MD92b]. **syndrome** [KA88]. **synergistic** [AMB03]. **SyNRAC** [YA07]. **syntactical** [KL02]. **synthesis** [GPA96, Yos89]. **synthetic** [JLMR00, PFMC04]. **Sys** [MR04b]. **Syst** [KSM+07a]. **System** [CCKW88, DLW86, HRSW99, LSS94, OSHH96, ACC+05a, ANN+92, AGJN00, AFPG91, AFP+92, BBFW03, BL98, BT93, BG05, BLRS98, BPAP92, BDNP92, CM01, CST91, CTT+08a, CGT07, CGST09, CSC+92, DLW07, DGST09, DBA98, Din03, DIK+06, ESFD06, ED04, FPX+09, FW02, GCCC+07, GS95, GHWZ94, GPA96, Gos00, GE90, HWS07, Han89, HPP94, HKM+06, IMKB89, Kea93, KFF89, KKL09a, KRLR01, Kom89a, Lau92, LL04b, LL03, LC05, LWSC07, LDSH95, LF95b, Mae89, MD92b, MS01, MGLV04, Mur86, NWE04, Nis93, OFO+99, Ohy89, ONHT89, Öst92, PHL98, PK99, PH99, PCG+06, Pit96, PKSC02, Reh06, RSR01, RG04, SKT+08, SPK+07, SZP00, SLW01, Suz89, Tak89a, Tak89b, Tak05, TSK03, TDL05, Uch86, Ueh89, Yam89, Yam92, YCAS03, YWA+89, dLLA93, Ama86, BBSV92, Bre89, Gut00, SH00, Suz89]. **System** [dRSBH94, vdR93b]. **System/6000** [BBSV92]. **Systematic** [Kac00, Hol93]. **Systems** [DVV90, DSSU97, MOK06, NHG03, PW09, SdR99, Sti93, SJTG07, Van87a, Aba06a, ACML05, AMH02, AMH04, Ais88, AHdJF97, AKPN01, ACU95, ADF+05, Ano84j, Ano86j, Ano87m, BJWZ08, BdCYG05, BJNH05, BPS06, BMZ01, Bis94, BKK02, BDL06, CDF+05, CFGC03, Cas94, CCLS09, CY88, Cho04, Coo86, Dal03, DZ04, DLP06, DAM08, DFT92, DRNMC09, DW87, DD86, EO86, Fer96, FMR05, GS05, GHWZ94, Gil85a, GA06, GLW99, HH98, Hen87, HW95, Hir89, HPP94, Hol93, How91, HCL07, HXL90, HM98, HJK+04, Igl07, JSK+06, JL08, Joh92, JC09, JM01, KK00, Kag89, KLH+04, Kim07a, hKcF09, KH89, KK97, Kun94, LR06, LXLS09, LC01, Lop03, LC03, LSS94, Mar86, MB01, MKH06, Mat89, MRV92,

MPQ03, Meu05, Miz89a, MMR02, Mul92, Nit86, Pal01, PY00, PWY03, Par04, Par87]. **systems** [PX07, PB05, PVBH05, PH94, Pud87, QP08, RdLM06, RG04, SH99, Sar02, SSKF95, SG04, SB97, Ser98, SH90, Slo96, SS03, Ste85, SM96, Tho06, TTP+07, VR05, Var03, Vau93, VS04, VGBLGS+06, VR00, Ven09, VM93, VSV95, Wah84, WX02, WRBG94, WBT05, WYN+90, WB90, ZS05a, Zem86, ZCT+04, ZBB09, ZWJ04, dB90, vdR86a, vdR87c, vdR87d, vdR87f, vdR87l, vdR87g, vdR93a, Gra92, KI89, Slo06a, Slo06b]. **Systolic** [CCKW88]. **Szpakowicz** [Teb86, vdR87i].

T3D [MPG96]. **T3E** [SCK+00]. **table** [FCW01]. **tabling** [DS00]. **tactics** [BS96]. **TAF** [GKS05]. **tag** [DCS+07]. **tailor** [GVD+03]. **tailorable** [BvdV99]. **tangent** [GKS05]. **Target** [KI89]. **targeting** [PNH99]. **Task** [BTM06, PCBD99, BFLL99, DLW07, HPLL09, JM01, LSTV07, MVRM08, SBHD08, ZSI08]. **task-farm** [BFLL99]. **task-parallel** [SBHD08]. **Tasks** [DFC+08, AEGF+01, LHL09, LYMZ09, Nos98, Reh06, Ser98, WL05]. **taxonomy** [ZS05a]. **TC2** [BT93]. **TCP** [ABdL+03, ABdLL05]. **teaching** [FGG03, SYT09]. **Technical** [vdR86b, CdCD07, GHWZ94, Yam89]. **technique** [DD05, HRJ+06, HMP04, PCB99, RŻDM01, VS90, VM93, de 94]. **techniques** [Aba06b, ACML05, ATT96, AB95, ADK+09, CY01, CTMO06, Fah98, Gra92, Hab05, KZC04, Mic97, NWE04, PB05, PdLS+99, WKZ+03, ZAP05, tTvH96]. **Technische** [Bun03]. **technological** [Aig86]. **Technologies** [DMSS97, Sim86, BGV97, Dub91, FM08, FR08, GMB+05, Mal01, Mal02, Mal05, Nag86a, PKC+05, SJTG07, TMV+07]. **Technology** [BBD+99, Abe92, Ano84a, BLAV06, Car86, Dek86, DvdHdL06, DD07, GMA07, How91, Kaw92, KM01, KA88, LKM91, NTN86, Poh87, Ser95, WAD+89, vVDBB98, vdR86b, ABMS05]. **tele** [RMM+98]. **tele-immersive** [RMM+98]. **Telecom** [BT93]. **telecommunications** [Car86, Mun04]. **TeleEEG** [De 98]. **telemedical** [De 98, JSS+99, Mar98b, Mar98a, Mar99b, Pol99]. **telemedicine** [EV98, FvLTT98, FP03, Moo99, PK99]. **Telescience** [LLH+03]. **telescope** [BFK02]. **telescope-ready** [BFK02]. **temperature** [Tab06]. **temperature-dependent** [Tab06]. **temporal** [FX07, HYC04, RMM+98, dB90]. **Terabit** [HRJ+06]. **Teraflows** [GGH+05]. **TeraGrid** [DIK+06]. **terascale** [ZLD+03]. **TeraScope** [ZLD+03]. **TeraStream** [MWC+03]. **TeraVision** [SLDK03]. **terminals** [Kam85]. **terms** [NB04]. **terrain** [PFMC04]. **Test** [BP94, Cho04, GODM98, KKL09a, Mal94, RRS99, RS94]. **test-bed** [RRS99]. **testbed** [MMFM+05, SAMN02, ABB+05]. **tests** [CDF+05, PR95]. **text** [Kło05, SLŽ+09]. **texture** [ZZN04]. **their** [Ano86i, Car03, CMZ95, DRS04, Igl07, PR95, PIKM02]. **Thematic** [Kaa99]. **theorem** [Sti93, UM02, WC06a]. **theorem-proving** [Sti93]. **theoretic** [Li90]. **theoretical** [BORM07, BRS04, GDRS04]. **theories** [WRBG94]. **theory** [DL03, Ger02, JK92, MH01, MKK03, NSHP88, PBT02, SH90]. **Thermal** [Tab06, DS04b]. **thermo** [Ned06]. **thermo-visco-plastic** [Ned06]. **third** [CLM00, DDS+09, Pol98, Sin84, Bis96, CF09]. **third-generation** [DDS+09]. **thoughts** [Mid01]. **Thread** [FD95]. **Three** [Wes99, FHG95b, Pal01, PPH+09, XSM04]. **Three-dimensional** [Wes99, FHG95b, Pal01, XSM04]. **threshold** [CYH04, TYH04]. **throughput** [CGT07, CGL08]. **Tibet** [NMZC06]. **tier** [SA07, TLYT05]. **tiers** [LJ07]. **tightly** [Kun94]. **Tim** [Her87]. **Time** [CWD+08, SGH+08, BH03, BRR+04, BDHK06, CCLS09, CC00, DT93, Dog̃09,

Dua94, GKIZ05, GR96, HMP04, JL03, KA09, KSAOK03, KLC05, KKP00, LF01, LFWV05, LD04, MKT09, Pal09, Pfi99, PN09, SS04, SD02, SST+06, SKF+09, Sin92, SW02, Suz89, VLK09, Vau93, XYZ05, ZSI08]. **time-dependent** [Dua94]. **time-out** [KSAOK03]. **time-scale** [JL03]. **time-series** [LFWV05]. **time-shared** [CCLS09]. **time-varying** [BH03]. **timed** [Pap05, PIKM02]. **times** [RNJK09]. **TIN** [TG04]. **Titan** [LM90b]. **Titan-2** [LM90b]. **TODS** [ZJWZ04]. **Toile** [BBG+05]. **tokens** [GXD+09]. **Tolerance** [PCBD99, CdCD07, DSS07, LSTV07, MC04, Sar02, SG05]. **tolerant** [AMH02, AFP07, BCH+08, DHB02, FD02, KL02, LHB95, LAM07, LS01, LS08, PWY03, THKG98, Xia06]. **tomography** [FGCM07]. **tomorrow** [vdR87j]. **Tony** [Her87]. **Tool** [LLSR02, DMR93, FS07, KZLK06, LWHC07, OS92, Reu03a, WSS+09, WBF08, WYN+90]. **toolkit** [CN92, HAE+03, HBJ+03, IJLC03, LWHS07, SAMN02, MFE+08]. **toolkits** [YPF05]. **Tools** [KV03, TA96, ACU95, BR92, BSG+05, GD93b, MCSS00, TC06, Wal86]. **toolset** [RSSD02]. **TOP** [CCHW03]. **TOP-C** [CCHW03]. **Topic** [DL04]. **Topological** [AAC04]. **Topological-order** [AAC04]. **topologies** [VS90]. **tort** [Kag89]. **torus** [KD00, LOK09]. **Toshiba** [Ama86]. **totalistic** [JM02]. **trace** [KN06, SK06]. **tracing** [BK06]. **Trade** [KNK+08]. **Trade-offs** [KNK+08]. **trading** [HQ07]. **traditional** [KC98]. **Traffic** [Mid01, RN01, RGH+01, SNW01, VN01, ADOKM06, AS02, CG09, LOK09, VVC+03]. **training** [BLB03, EKB00, Gra01, Han03, IMKB89, RS98]. **trajectory** [FAJP99, SOR05]. **Transaction** [Joh92]. **transatlantic** [ABdL+03, ABdLL05, MMFM+05, RRS99]. **transcoding** [GFR+06]. **transcript** [STP+05]. **transcripts** [TBD+02]. **Transfer** [NMZC06, BBD+99, KKL09b, KMCH03, OS06]. **Transformation** [BCL88, MK95, RM97]. **transformations** [DV03, UM02]. **Transformer** [YYW+09]. **transient** [BDHK06]. **TRANSIMS** [RN01]. **transitions** [DCK03, Fre94, KLC05]. **Translation** [Ama86, Mur86, Nag86b, NTN86, Nit86, Sim86, Uch86]. **transmission** [HJPS03, KY85, SKF+09, VS04]. **transmit** [HJK+04]. **transonic** [GL95]. **transparent** [CWD+08]. **Transport** [HDC+94, AS02, CM99, JHL+06, MKH06]. **transportation** [RN04]. **transputer** [CFG93, Dui89, LSF+94, MSLP93, mM95]. **transputer-based** [mM95]. **trapezoidation** [LD04]. **Trapper** [SSKF95]. **travel** [Van87b, vdR87l]. **Traveling** [SMI01, VAS95]. **treatment** [Mae89]. **Tree** [LM07, LLZ07, SHLB08, ZQZZ09]. **Tree-based** [LM07]. **Treecode** [Pri95]. **Trees** [RSRV88, AW97, Luk89, SLO+05b, WLB00]. **Trends** [Her91, Sas85, WG91, AMB03, Ano87m, Bal91b, CRM05, GMS09, Nag86b, Wii84]. **trial** [KMCH03]. **triangles** [BRR+04]. **triangular** [vdS04]. **triangulation** [XSM04]. **tridiagonal** [BG05, HM98]. **triplet** [Tul04]. **tropical** [VBLS09]. **troubleshooting** [Tak89a]. **truly** [HNS05]. **trust** [AHdJF97, DSS07]. **Trusted** [Pol98, SK97, CLM00, DCL00, KF00]. **trustworthiness** [HSH+07]. **TTN** [BBD+99]. **TTPs** [Pol99]. **tube** [HvHAS04]. **tubulin** [Tul04]. **tumour** [SUD+98]. **tuning** [FMS08b, WVC05]. **turbulence** [NEJP94]. **turbulent** [GL95, Kni89, VWCV94]. **Turing** [DDL01]. **Turing-like** [DDL01]. **Two** [AB95, GJS+94, KI89, Rus90b, BP02, DS04b, HM98, LM90b, PBHK01, SA07, Ser98, UM02, BBSV92, Mur86]. **two-dimensional** [BP02, DS04b]. **two-layer** [PBHK01]. **Two-level** [Rus90b].

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