

A Bibliography of Publications about Multithreading

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Title word cross-reference

1 [BM91, McM98a]. **1.0** [Sen19]. **1003.4** [GL91]. **1019** [Myl22]. **11** [ND16]. **11th** [IEE94a, IEE94d]. **'12** [Hol12]. **16-20** [IEE92]. **162** [Stu95]. **1991** [Ano91, Ano94e]. **1993** [ACM93b]. **1994** [ACM94a, ACM94d, Hon94, IEE94c].

#4 [Pet00].

+ [BMV03]. **2** [TKHG04]. **3** [KSB⁺08, PYP⁺10]. *cyclical* [YLLS16]. *D³* [Evr01]. *F²* [BCS11]. *k* [ZTN19]. *LU* [VD08]. *N* [ZJFA09]. *π* [III01]. *QR* [But13, GKK09, Myl22, VD08]. *QZ* [Myl22].

-based [Rót19]. **-Calculus** [III01]. **-Machine** [Evr01]. **-way** [ZJFA09].

.NET [Rob03, Tim03, DHR⁺01, Rei01].

/multi [Taf13]. **/multi-threaded** [Taf13].

'01 [USE01].

2 [BÇG14, DN94, Kan94, Kel94a, Kel94b, Mil95, Rei95, Ric91, Rod94, Sri93, WCW⁺04b, WCW⁺04c, WCW⁺04d]. **2.0** [BO01, LPD⁺11]. **2.6** [McM97]. **2000** [Ano99]. **2001** [ACM01]. **2003** [RM03, ACM03, AS14]. **2010** [Egg10]. **2011** [LCK11]. **2012** [Hol12]. **20th** [IEE95]. **21st** [ACM94b]. **22nd** [ACM95b]. **25th** [ACM98b, ACM98c]. **2k** [USE00b]. **2nd** [Ano94d, USE98a].

3.0 [Ano97c, Bra97, BRM03, MRGB91]. **32-Way** [KAO05]. **35th** [Gol94]. **3D**

[Ano97b, Loe97].

4 [BAM93, SKS⁺92]. **4th** [Ass96].

5 [FLR98]. **5th** [Cha05].

64-bit [Kus15, SBKK99]. **6th** [DLM99].

7th [USE00b].

80 [Bri89]. **821** [HBG02].

9 [Pre90, Yam96]. **'90** [IEE90, GOT03]. **'91** [Wat91, Ano94e]. **915** [Dav11]. **'92** [IEE92]. **925** [YFF⁺12]. **'93** [ACM93c, IEE93]. **'94** [ACM94a, ACM94b, ACM94c, Hon94, IEE94a, IEE94c, IEE94d]. **'95** [ACM95b, KR01b]. **'96** [ACM96, Lak96, Ass96]. **'98** [ACM98b]. **'99** [ACM99a, Hol99b]. **9X** [GMB93].

Abstract

[CSS⁺91b, CGSV93, DV99, KPP12, LMA⁺16, MJF⁺10, Ném00, CSS⁺91a, CSS⁺91c, Dil00, VDBN98, ZJFA09].

Abstraction [KI16, YDLW20, Bak95b, GSK⁺18, GPR11, ZSJ06]. **AC**

[BGK94a, BGK94b]. **Accelerate** [JLA16].

Accelerating [BAZ⁺19, FNS⁺22, LS11, MSU⁺16, SMQP09, VGK⁺10a, VGK⁺10b].

acceleration [JSMP13, NBMM12].

Accelerators

[MCS⁺22, NTR16, SGLGL⁺14]. **Access** [BP19, CmL21, Kle00, Spe94, VB00, AKSD16, APX12, CDD⁺10, Hig97, KFG15, MVY05, Sch89]. **access/execute** [APX12].

accesses [DTK⁺15]. **accessibility**

[SSkP⁺07]. **Accounting** [LMA⁺16, EE09b].

Accuracy [SHK15, TO10]. **Accurate**

[CPT08, VTSM12]. **Achieving**

[AHW02, SP05, KGGK09, WTKW08].

ACM

[ACM93b, RM03, IEE02, ACM98b, ACM99a].

ACM/IEEE [ACM98d]. **across** [ZP04].

Activation [KG94]. Activations

[ABLL92, BVM19, DNR00, SS95]. **Active** [BKI06, BDJ06, Pla02, Ten98, Wei98a, SD95, WHJ⁺95]. **Actor** [BFSK20]. **actors** [Bri89].

actually [Pra95c]. **Ada** [ACM93c, Bar09, Dil93, GMB93, KPPÉR06, KR01b]. **ADAM** [Far96]. **adaptable** [LLLC15]. **Adaptation** [CMBAN08]. **Adaptative** [ABN00].

Adaptive [ALHH08, HBTG98, HTDL18, KI95, LYH16, PM14, RCC12, STY99, SLG04, SLG06, SGS14, TLGM17, WXAL22, WYT⁺20, ZWL15, BS06, Chr95a, Chr95b, Chr96, SLGZ99, TKHG04, ZLW⁺16].

Adding [Ply89, Ric99, McM97]. **Address** [CLFL94, PWL⁺11, CKZ12, Lie94].

Addresses [ZWXG22]. **Addressing**

[WA08, CKD94, ZSB⁺12]. **ADL** [BVL09].

Advanced [BG95, BP19, GBG95, Hei03, BZ07, GBB⁺05]. **Advances** [IEE97, JHM04, KKDV03, DLM99].

Advantage [Wei97]. **Adversarial** [FF10].

Affinity [HLH16, NAAL01]. **Age** [Cro98].

agent [Way95]. **Agents**

[CWHB03, CR02, Way95, BDF98].

Aggregate [TGO99, TGO00]. **Aggressive**

[Myl22]. **AGNI** [RBPM00]. **Agnostic**

[SLJ⁺18]. **agreement** [GMW09]. **Aid**

[Wei97]. **aided** [MCRS10]. **aids** [Mat97].

Air [MPD04]. **AI** [TLA⁺02]. **Albuquerque** [Ano94e].

Algebra

[KLDB09, NBS⁺15, PHCR09, YSY⁺09].

Algebraic [ACM94c, Lak96, MR09, Wat91].

Algorithm

[AT16, ABC⁺09, CNZS17, HH11, MP13, Myl22, OR12, Rót19, TT03, WYT⁺20, ZBS15, AG21, BKK17, GKK09, KGPH12, KNPS16, LCH⁺08, Mah11, Mah13, SCG95, TKHG04, Dav11, HBG02, Myl22, YFF⁺12].

Algorithmic [Lei97, BBH⁺17]. **Algorithms**

[BP05, EJRB13, FS96, LA93, MNG16, NSP⁺14, Pan99, QOIM⁺12, TTKG02, TCF22, YMR93b, Bar09, ÇFG⁺12, CLRS09, FR95, GK05, Lei97, Lep95, NFBB17, QOQOV⁺09, RRMJ12, YM92, YMR93a,

Li05]. **algorithms-by-blocks** [QOQOV⁺09]. **Algorithms-by-Tiles** [QOIM⁺12]. **aliasing** [NA07]. **Aligned** [YWJ03]. **alignment** [KGP12]. **Allaire** [Hig97]. **Alleria** [BP19]. **Alleviate** [BD00]. **Alloc** [KSU94]. **Allocating** [SEP96]. **Allocation** [MVZ93, Nak01, ZWL15, EFJM07, LLL10, Mic04, ZP04]. **Allocations** [LK20]. **Allocator** [BMBW00b, BMBW00a, BMBW00c]. **almost** [SV21]. **Alpha** [Ano00b]. **alphabet** [KNPS16]. **alphabet-independent** [KNPS16]. **Alternating** [CYYL18]. **alternative** [SV96c, SV96a, SV96b]. **Alternatives** [MB99, OA19, MKR02]. **Alto** [ACM01]. **ALU** [KDM⁺98]. **always** [DWS⁺12]. **always-on** [DWS⁺12]. **Amdahl** [CN14, NZ17]. **Among** [CB16, HMC95, SJ95]. **analysing** [NJK16, PV06]. **Analysis** [AKS06, BCZY16, BVM19, BE12, BE13, BTL⁺19, BBC⁺00, BLG01, BNH01, CGS⁺20, CC04, CH95, CGL92a, CGL92b, DSR15, EJRB13, Hai97b, Hol12, HLH16, LCK11, LML00, LHG⁺16, NBM93, PFP⁺22, REL00b, Rin01, RR99, SBCV90, SKV21, TAM⁺08, VP16, Yoo96a, Zub02, AC09, ACC⁺03, BGZ97, BBH⁺17, BPSH05, BBM09, CHH⁺03, CS12, CVJL08, Cor00, GBCS07, HEJ09, JPSN09, KTK12, KC09, Lei97, LBH12, LBE⁺98, Met95, NWT⁺07, PFH06, PL03, REL00a, REL00c, RS07, SR01a, SMK10, SRA06, SB80, TMC09, TR14, Wan94, WS06, WP10, WOKH96, WTH⁺12, dB09, vPG03]. **Analytic** [Squ94, MAF19]. **Analytical** [DKF94, SV19, VT96, SBC91]. **Analytics** [JGS⁺19, MCS⁺22, LTL⁺16]. **analyze** [LMC14]. **analyzer** [Fer13, HLB90]. **Analyzing** [ARA20, BB20, HRH08, Kor89, RHH10, TMCP10]. **anatomy** [Rei95]. **Android** [MKM14]. **animation** [WQLJ18]. **Annotations** [BM94, Wei98b, AGN09]. **Annual** [ACM93a, ACM98c, Gol94, Ass96, USE00a, ACM93b, USE96, USE98b]. **anomalies** [Sch89]. **Anomaly** [KW17]. **antipatterns** [BPSH05]. **Antonio** [USE92a]. **any** [Hig97, Mar07]. **API** [Ano00b, BFSK20, BDN02, DM98, LPD⁺11, Van97a]. **APL** [CJ91]. **applets** [McM96c]. **Application** [AMRR98, CA20, HTDL18, KZTK15, KSU94, PG92, PLT⁺15, SV19, TKA⁺01, TAM⁺08, Yas95, DWYB10, EJK⁺96, HDT⁺13, LVN10, LZ07, MRGB91, MKR10, Pha91, Pra95c, SE12, SS95, TKA⁺02, ZJS⁺11]. **Application-Level** [HTDL18, KSU94, PLT⁺15, HDT⁺13, LZ07, ZJS⁺11]. **Applications** [Ano00c, AZG17, AKP99, BKI06, BMBW00b, BNH01, Cha05, Chl15a, DVAE18, DSAD⁺18, DS16, Don02, Dru95, EV01, FF20, FURM00c, HC17, HMCP16, HWZ00, JYE⁺16, JLA16, KMjC02, KEMC22, KRH98, LWSB19, LPK16, Lar97, MG14, MG15, PCPS15, PFP⁺22, PWL⁺11, Pul00, RD96, DFC⁺19, SGM⁺97, Sod02, Ten02, Tet94, TSV12, TLGM17, VCM19, VP16, Vol93, WJA⁺19, YG10, ZJS12, Ano92a, Ano92b, Ano94b, ASSS19, AAKK08, BWDZ15, BBFW03, BGZ97, BMBW00a, BMBW00c, BW97, DSEE13, BPSH05, BMV03, CB89, CB90, CSB00, CS12, CDP⁺21, FM92, FURM00a, FURM00b, GS02, GCRD04, HLB90, ISS98, JSMP12, JSMP13, KVN⁺09, LSW⁺18, MLCW11, MKM14, MKIO04, MLC04, MT02a, MT02b, MT02c, MKK99, MKR10, NR06, Omm04, PJZA07, RČV⁺10, Rei95, San04, SSN10, SKP⁺02, TMC09, TMCP10, TPZ21]. **applications** [TP18, VIA⁺05, VGK⁺10a, VGK⁺10b, WCZ⁺07, WXAL22, WT10, WOKH96, XMN99, YZ14, kSYHX⁺11, ZKR⁺11, Len95]. **Applied** [CmL19a]. **apply** [NZ17]. **Applying** [VTSL12, MT02a, MT02b, MT02c]. **Apprendre** [Swi09]. **Approach** [AZG17, BBSG11, CJW⁺15, ES97, FKT96, GMR98, KKW14, KS16, ND16, RCM⁺16, TY97,

VSDK09, WS08, Wei98b, YLLS16, BWDZ15, DHM⁺12, GB20, LGN92, LZW17, LZSS19, LZL⁺14, MS03, RCM⁺12, SCZM00, TP18]. **Approaches** [BLPV04, MB07]. **Approximate** [HFV⁺12, GEG07, GE08, KGPH12]. **Apps** [PCM16]. **April** [Ano00a, Ano03, USE01]. **arbitrary** [BGC14]. **Arbitration** [CFC⁺22]. **Arc** [CNZS17]. **Arc-Weighted** [CNZS17]. **ARCH** [Ada98]. **Architectural** [ACM94d, HEMK17, IAD⁺94, KC99, ME15, BS06, CMF⁺13, Fan93, WHG07]. **Architecture** [ACM98c, BBD⁺91, BVL09, BTE98, Car89b, CL95, DS09, DO95, EBKG01, For97, Gao93, GK94, GHG⁺98, GV95, GN92, HTZ⁺97, HMNN91, HHOM91, HHOM92, KBH⁺04a, KBH⁺04b, KIAT99, Man91, MM01, MB99, PVS⁺17, PTMB09, PKB⁺91, PS01, REL00b, RS08, SLJ⁺18, SCL05, SHK15, SSYG97, SKK⁺01, SZ02, TKA⁺01, VK99, ZL10, ACC⁺03, AAHF09, Ano97b, BT01, Bon13, CMF⁺13, CL94, CHH⁺03, Cho92, Don92, DGSB20, Dub95, Evr01, Far96, Fuj97, Gal94, GDSA⁺17, GL98a, Gol96, HF88, HKN⁺92, HMN⁺92, I⁺94, KHP⁺95, KT99, Loi95, Mah13, MK12, Ném00, NPA92, PYP⁺10, PDP⁺13, PWD⁺12, RGT17, REL00a, REL00c, RCDG06, SWYC94, Sod02, TPZ21, TNB⁺95, Tsa97b, UZU00, Wan94, WCC⁺07, YZ07, Yan97, CH04]. **Architecture-Agnostic** [SLJ⁺18]. **Architectures** [AT16, ABLM19, Day92a, Day92b, HD02, GGB93a, GN00, HPA⁺15, HMLB16, Hol98d, IXS18, IBST01, JLS99, KTR⁺04, LLKS12, LB92, LH94, LG06, LDT⁺16, MS02, MN00, MSU⁺16, NGGA94, QOIM⁺12, RLJ⁺09, SGM⁺97, TG99, THA⁺12, Tra91, TJY98, TSV12, VCM19, WG94, XWG⁺14, ZAK01, ABD⁺12, ABC⁺15, ABC⁺09, BIK⁺11, BS10a, BH95, CML00, ÇFG⁺12, Cat94, DTR18, FTAB14, GGB93b, GK05, Gil94, GL98b, HFV⁺12, ICH⁺10, JMS⁺10, LMC14, Lu94, MLCW11, MLC04, Mus09, OCRS07, PT91, PPA⁺13, PJZA07, PHCR09, RHH10, RKBH11, SBCV90, Sch98, Sha95b, SLG06, Squ94, SMQP09, SKA01, TE94a, The95, TKHG04, ZTN19]. **Area** [AMPH09, FGT96, Par91]. **Area-efficiency** [AMPH09]. **Aren't** [Sut99]. **Ariadne** [MR98]. **arising** [ARvW03]. **Array** [BVP⁺19, GS06, LHS16, PDMM16]. **Arrays** [BWXF05, SHW19, AR19]. **arrow** [GE08]. **arrow-type** [GE08]. **Art** [MP13, I⁺94]. **artificial** [KU17]. **ASAT** [SEP96]. **Ashes** [Thr99]. **ASN** [CJW⁺15]. **Aspects** [SB80]. **ASPLOS** [ACM94d]. **ASPLOS-VI** [ACM94d]. **Assembly** [TCF22]. **Asserting** [BS10b]. **assertion** [ÁdBdRS05]. **assertion-based** [ÁdBdRS05]. **assessment** [Mah13]. **Assignment** [BC98, RCM⁺16, KKT⁺18, MCRS10, ORH93, RCM⁺12]. **assisted** [Dub95]. **associated** [San04]. **Associative** [SW08]. **Assume** [BGP06]. **Assume-guarantee** [BGP06]. **Assumptions** [ES97]. **ASSURE** [SLP⁺09, Dye98]. **Asymmetric** [MNU⁺15, GA09, JSMP13, MWK⁺06, RBK⁺09, SCCP13, SMQP09]. **Asynchronous** [HH11, KFG15, KG07, KSD04, TP18, Yoo96a, GMR09, Kho97, KASD07]. **Asynchrony** [SRU98]. **Athena** [Egg10, Hud96]. **ATL** [SW97]. **Atlanta** [ACM99a]. **Atomic** [KKS⁺08, RD06]. **Atomicity** [DELD18, MWP⁺21, BLM06, BNS11a, BNS11b, BNS12, FF04, FFQ04, FF08, FFLQ08, FFY08, WS06]. **atomics** [ND13]. **Atomizer** [FF04, FF08]. **Attacks** [SBE⁺19]. **Audience1** [SBB96]. **Augmented** [GFJT19, LH09]. **August** [RM03, IEE99, USE93a, USE98a]. **Austin** [USE00b]. **Austria** [Hon94]. **authoring** [MCS15]. **Auto** [Pol90, RKHT17]. **Auto-vectorization** [RKHT17]. **AutoDock** [TO10]. **Automata** [ES97]. **Automata-Theoretic** [ES97]. **Automated**

[BSSS14, DRV02, FF20, KZC15, TR14]. **Automatic** [BVL09, HBTG98, JJY+03, KW17, Mou00, SSB+22, SEP96, YLLS16, GJ11, JSB+11, SLP+09]. **Automatically** [NWT+07, TG99, CJ91]. **autotuning** [CSV10]. **Availability** [SP07]. **Avenue** [Ano94d]. **avoid** [Pra95c]. **avoidance** [LC13, WLK+09]. **AVP** [Ano00b]. **Aware** [AGJ18, BHP+03, CCWY17, FSPD16, FSPD17, GVT+17, HC17, Kim14, LZS+08, LYH16, MNU+15, PR05, SLJ+18, EQT07, EE09a, HEJ09, KD22, LAH+12, MR09, NB12, PAB+14, PGB14, TAS07, XSaJ08, ZLW+16]. **Away** [GBK+09]. **AWTEventMulticaster** [Hol99b]. **axiomatic** [TVD10]. **AXP** [Ano97a].

B [Ano00c, DLZ+13]. **back** [ECX+12]. **Backup** [Ano00b]. **Balance** [SEP96]. **balanced** [CKZ12]. **Balancers** [KMA01]. **Balancing** [HBTG98, KC98, KEMC22, KRH98, PGB16, THA+12, WYT+20, ZP04, Chr95a, Chr95b, Chr96, LTL+16, MKIO04]. **Baltimore** [IEE02]. **Bandwidth** [FSPD16, LTL+16]. **Bandwidth-Aware** [FSPD16]. **Barcelona** [ACM95a, ACM98c, DLM99]. **Barnes** [ZBS15]. **Barrier** [CJW+15]. **Barrier-Based** [CJW+15]. **barriers** [LZBW14, ZJFA09]. **Base** [VE93]. **Based** [Alf94, ARA20, AT16, AKP99, BVL09, BNH01, CJW+15, CKRW99, CMBAN08, DSR15, EGP14, GHG+98, GFJT19, HHOM91, HHOM92, KS16, KG05, KEL+03, KW17, KS97, KRH98, KNE+14, Kwo03, LLKS12, LG06, LS11, MWP+21, MGQS+08, MKC97, OB13, ROPdlT22, RSBN01, SG18, TESK06, WLM15, ÁdBdRS05, Ada98, AAHF09, Ama98, AKSD16, BKK17, CNQ13, CKD94, CKRW97a, CKRW97b, CNV+06, DG99, DWYB10, EG11, GDSA+17, GB20, GE08, HLGD19, JD08, JSMP13, KR01b, KKJ+13, KI16, KBF+12, LK15, LZW17, LLL10, Mus09, Myl22, NBMM12, NFBB17, PSG06a, PSG06b, PSG06c, PAdS+17, PAB+14, Ram94, RRP06, RWT21, Rót19, RS08, SKS+92, TE94a, WCW+04b, WCW+04c, WCW+04d, WQLJ18, YL16, Day92a, Day92b, RSB+09]. **Bases** [GK94, Swi09]. **basic** [JJ91, KTLK13, Esp96]. **Basis** [AGK96]. **Batching** [LML+19, DKG18]. **Be** [Pet03, Ano95a, Ano95b, Boe05, MMTW10]. **Beach** [USE92b]. **beat** [Gep00]. **becoming** [Ano92a]. **Behavior** [CA20, KLS92, LB17, REL00b, ACD+18, DESE13, GS00, REL00a, REL00c]. **Behavioral** [Sch17]. **Benchmark** [BTE98, EHSU07, Mü103]. **Benchmarking** [HHOM92]. **Benchmarks** [CRE99]. **Benefits** [MHG95, LB95, LB96b, SD95]. **benign** [NWT+07]. **Berkeley** [USE01]. **Better** [BDM98, Pla99, SV21]. **Between** [WG94, Pan99, SS95, Yam96, ZCSM02a, ZCSM02b]. **Beyond** [EKB+92, Sen19]. **biased** [RD06]. **Bibliography** [Bee98]. **Big** [JLA16, AC09, CDL13, LTL+16, LHS16]. **BIGSAM** [Ply89]. **binary** [BCCO10, KBF+12, TJY+11]. **binding** [RČV+10]. **Birthmarking** [TLZ+17, TLZ+18]. **bisection** [RRMJ12]. **bit** [Kus15, SBKK99]. **Black** [Pla99]. **BLAS** [ARvW03]. **BLIS** [VSM+16]. **Block** [ABLM19, CCWY17, KS97, ZM07, KTK12, KTLK13]. **BlockChop** [MK12]. **Blocking** [Ann96, GN00, Nak03, SB80]. **Blocks** [Pet03, QOQOV+09]. **Blue** [GBB+05]. **Boltzmann** [SKG+11]. **Bonn** [Wat91]. **Book** [Lar97, Van97a, Vre04]. **Bookshelf** [Ano99, Cro98, Wil97, Wil00]. **Boost.Threads** [Kem02]. **Boosting** [AKSD16, APX12, MLC+09, YZ07]. **boosts** [McM97]. **Bootstrapping** [KH18b]. **Borland** [Kel94a, Kel94b]. **Borrowed** [DC99, DC00]. **Borrowed-virtual-time** [DC99, DC00]. **Boston** [Ano94f]. **Both** [KZC15, CZSB16]. **Bothnia** [CCW+11]. **Bottle** [DSEE13]. **Bottleneck** [JSMP12].

Bottlenecks

[SU96, Zub02, DSEE13, CS12, DSG17].

Boulevard [ACM99b]. **Bounded**[ITF⁺22, BMTZ21, LZTZ15, PAdS⁺17].**Bounding** [Lun97, Lun99, MQ07].**BowMapCL** [NTR16]. **Box** [Ano00b].**Braids** [BS06]. **Branch** [AKS06, EPAG16, IBST01, CTYP02, CPT08, GL98b, MTS10].**branches** [UZU00]. **breadth** [LAH⁺12].**breadth-first** [LAH⁺12]. **Break** [BVM19].**breakpoint** [Ram94]. **Bridge** [Ano00b].**Bridging** [RKBH11, VDBN98]. **brief**[Hay93]. **Briefs** [Gar01]. **bring** [Pra95b].**Bringing** [Jon91]. **Broadcast** [SW08].**Broadcast/Reduction** [SW08]. **brokers**[Sch98]. **Browsing** [HF96]. **BSD** [SS95].**BSDCon** [USE02]. **BSP** [SYHL14].**BTRIMER** [TJY⁺11]. **Buddy** [ZWX22].**buffered** [DLZ⁺13]. **buffers** [Koo93]. **Bug**[FF20, NBMM12]. **bugs**[BFSK20, JWTG11, VTSL12]. **Build**[Tro18, KSB⁺08]. **Building**

[Fon97, KS97, Pet03, ZM07, Omm04].

Building-Block [KS97]. **bulk** [RD06].**Bulldozer** [BBSG11]. **Bunka** [Ano03].**Burrows** [BVP⁺19, LHS16, NTR16].**Bursty** [HMCP16]. **Bus**[MKC97, Cat94, HHPV15]. **Bus-Based**[MKC97]. **BVT** [DC99, DC00]. **Bytecode**[ABH⁺01, Coo02, GH03, A⁺01, CAR08].

C [Kel94a, Kel94b, Lev97, Pla98, Pla99, Rod95a, Vre04, Ait96, AGEBO8, Ano99, BM94, Bau92, Bed91, BYLN09, BPL07, BA08, CFK⁺91, CGR92, Dug95, Eng95, Fin95, For95a, For95b, Gib94, Han97, HSD⁺12, HSS⁺14, HTZ⁺97, HLGD19, HH97, Jon91, KD97, Laf00, Lea96, Man91, Mil95, Mix94, Nag21, ND13, ND16, Pet00, Pla93, Pom98, PS03, PS07, Pul00, Ric91, Rót19, SG18, SC17, Sch90, TB97a, TB97b, Vol93, Wal00, Yam95, Yam96]. **C#** [KPPÉR06, Stä05]. **C-based** [RSB⁺09]. **C-Stream** [SG18]. **C/C** [Pla98, Pla99,

BYLN09, ND13, ND16, Pet00, Pul00]. **C3I** [BTE98]. **CA** [ACM94d, IEE89, USE92b, Ass96, USE00a, USE01, USE02]. **Cache** [BCZY16, CmL21, CMX10, CCWY17, FJ08, GBP⁺07, GL98a, HL08, HKSL96, KLS92, KET06a, LLD17, PEA⁺96, PPG11, SLJ⁺19, WG94, ZJS12, ZWL15, Car89b, Cho92, KHP⁺95, KLH⁺99, MKR10, PPGS20, Raj93, Sha95a, SSKP⁺07, WCZ⁺07, ZJS10, ZKR⁺11]. **Cache-conscious** [GBP⁺07]. **Cache-oblivious** [HL08]. **CacheFlow** [KET06a]. **Cacheline** [PBL⁺17]. **Caches** [FJ08, PHBC18, KGGK09, ROA14]. **Caching** [DNT16, KC99, Boo93]. **calculations** [BD06]. **calculi** [LVS01]. **Calculus** [III01, ORH93]. **Caldera** [Ano97a]. **Calif** [ACM01]. **California** [ACM93b, ACM95b, ACM98b, IEE99, USE89, USE91a, USE93b, USE96, USE98b, USE01]. **Call** [GSC96, Hub01, ORH93, Xue12]. **callbacks** [VS96]. **calling** [TTY99]. **calls** [KASD07, TLZ⁺16]. **Cambridge** [USE93a]. **Can** [Ber96b, Dye98, Pet03, Ano92a, Ber96a, Hig97]. **Canada** [Ano00b, BT01]. **cannot** [Boe05]. **Cap** [HC17]. **Capabilities** [VD08, Ply89]. **capability** [CKD94]. **capability-based** [CKD94]. **capacity** [SSkP⁺07]. **Capping** [RCC12, CDP⁺21]. **capturing** [BKC⁺13]. **Carlo** [LTMK21]. **Carolina** [ACM93a]. **Cascadia** [ZL10]. **Case** [AH00, AGK96, Chl15a, EE14, LSB15, TAK⁺00, TESK06, VK99, BDLM07, CASA14, CL94, HJT⁺93, KPPÉR06, KI16, MSM⁺11, MN03, SP05, Sod02, YN09, LPD⁺11]. **Cathedral** [USE02]. **causality** [HH16]. **causes** [BFSK20]. **cavity** [RM99]. **CD** [Ano00b]. **CDSChecker** [ND13]. **CE** [Tim03]. **Center** [ACM98d, ACM99b, ACM00, Ano03, Hol12, IEE90]. **Centers** [JGS⁺19]. **Centric** [BDN02, Bre02, Ham96, DHM⁺12]. **Certified** [GSK⁺18]. **CFD** [DK02]. **CG** [TAK⁺00]. **CGRAs** [PJS15]. **chain**

[LTMK21, SBC91]. **Chaining** [JY15, KFG15]. **Challenge** [Ano99]. **Challenges** [Ano99, GJ97, AG06]. **Changing** [Gar01]. **channel** [MN03]. **Channels** [EPAG16]. **chant** [HCM94, Ano94c]. **Chapter** [SKK⁺01]. **Characterization** [Ano05, BCG⁺08, DS09, LPM17, MR94, MMM⁺05, DWYB10]. **characterizations** [GS00]. **Characterizing** [CA20, Gle91, OdSSP12, SSN10, MTP12]. **Charleston** [ACM93a]. **Chassis** [Ano00b]. **Chebyshev** [Rót19]. **Checker** [FQS02, MWP⁺21, FF04, FF08, FFY08]. **CheckFence** [BAM07]. **Checking** [ES97, ND16, AHK08, AAJ⁺19, AD08, AGEB08, BAM07, BS10b, BNS11a, BNS11b, BNS12, CNQ13, Dil00, FFLQ08, Mil95, MQ08, ND13, PAdS⁺17, Sto02, TVD10, VGR06]. **Checkpoint** [ZSA13]. **Checkpoint/Restart** [ZSA13]. **Checkpointing** [CS02, ZSJ06]. **Chemkin** [Ano97c, Bra97]. **Chicago** [Ano94d]. **China** [IEE97]. **Chip** [AGJ18, CmL19a, HHOM91, KST04, KML04, KU00, KKS⁺08, LS07, LZS⁺08, LKBK11, LMJ14, MTN⁺00, MR09, PPG11, SV19, TESK06, VIA⁺05, Wea08, ZM07, CSM⁺05, DTK⁺15, GA09, KT99, MWK⁺06, SMK10, SKKC09, TEL95, TEL98a, TEL98b]. **Chip-Multiprocessor** [PPG11, KT99]. **Chip-Multiprocessors** [KU00, LMJ14]. **Chips** [Ano00a, Ano03, IEE99]. **Chiron** [TNB⁺95]. **Chiron-1** [TNB⁺95]. **Choice** [III01, TEE⁺96]. **Cholesky** [CIM⁺17, VD08]. **Chores** [EJ93]. **Chunking** [WLM15]. **CIL** [CAR08]. **Cilk** [BJK⁺95, BJK⁺96, FLR98, Joe96, Mil95]. **Cilk-5** [FLR98]. **CIO** [Ano94g]. **Circuit** [AMRR98]. **City** [Hol12]. **CLAM** [GMR98]. **CLAP** [HZD13]. **Class** [BS99, Cha02, Gib94, Rót19, VE93, CS00, MSLM91, Yam96]. **Classes** [Cal00, Fek08, How98, Lam95, SC17]. **Classical** [JSB⁺12, JSB⁺11]. **Classics** [Wil00]. **Classification** [CA20, KZC15, LMJ14, LCH⁺08]. **classifying** [NWT⁺07]. **Claus** [WP10]. **Client** [Day92a, Day92b, Sri95, Gol96]. **client-server** [Gol96]. **Client/Server** [Day92a, Day92b]. **clients** [CDL13]. **climbing** [CY09]. **Clique** [MP13]. **Closure** [Hic20]. **Closure** [YMR93b, YM92, YMR93a]. **Cloud** [PFP⁺22, FKS⁺12, GDSA⁺17]. **clouds** [FGG14]. **Cluster** [BNH01, CRE99, HD02, KKH03, Kwo03, SCD⁺15, MWK⁺06]. **Clustered** [GSL10]. **Clustering** [JY15, LK15, RVR04, TAS07]. **Clusters** [BWXF05, FA19, WG99, ZBS15, BMV03, FWL03, TMAG03]. **CMP** [TAS07, AMPH09, CWS06, ICH⁺10, LLL10, SLJ⁺18, SSKP⁺07, ZJS10, ZJS12]. **CMP-based** [LLL10]. **CMPs** [GW10, JSMP13, SQP08a, SQP08b, SQP08c, YL16]. **CNNs** [ZDTM19]. **Co** [Goo97, SG18, AMPH09, BBH⁺17]. **co-design** [BBH⁺17]. **co-optimization** [AMPH09]. **Co-processor** [Goo97]. **Co-routine-Based** [SG18]. **Coarse** [NS97, SSK⁺18, ZM07]. **Coarse-Grain** [ZM07]. **Coarse-Grid** [SSK⁺18]. **coated** [Lep95]. **Code** [BBdH⁺11, CFC⁺22, Co095, HYY⁺15, JSB⁺12, Kim14, KEL⁺03, MS02, Nag21, NS97, ND16, PR98, Roh95, RNSB96, TGBS05, Tra91, Ann96, AU21, BB00, JSB⁺11, SJ95]. **Codes** [CMBAN08, PHCR09, PT03]. **Codesign** [HPA⁺15]. **Codesigned** [MKM17]. **cognitive** [MCS15, PWD⁺12]. **cognizant** [LK13]. **Coir** [SG96]. **Cold** [Hig97, Hig97]. **Collaborative** [VSDK09]. **Collection** [AKP99, LB92, PUF⁺04, PF01, QSaS⁺16, KTK12]. **Collections** [Kle00, McM98a, McM98b]. **collective** [HMC95, SCB15]. **collector** [BBYG⁺05, DL93, HL93, WK08a, WK08c, WK08b]. **coloring** [CFG⁺12, GP05, SS10]. **Colt** [WN10]. **Combinator** [KLS92]. **Combined**

[WYT⁺20, UZU00]. **Combining** [HLGD19, KR01a, LZ07, CZSB16, ZLW⁺16]. **come** [Pol90]. **COMeT** [RCC14]. **Coming** [LS07]. **Commands** [KD97]. **Commercial** [SBKK99, BEKK00, EJK⁺96]. **Commodity** [FNS⁺22, ZLJ16, LVN10, RPNT08]. **Common** [BVP⁺19, Hol98a, Kuc92, BDF98, BDLM07, CL00, Küc91]. **Communication** [ABN00, BDJ06, DSR15, EHG95, FKT96, FGKT97, GMR98, HYY⁺15, OA08a, OA08b, OA08c, Pan99, PWL⁺11, Rod94, SKK⁺01, TKA⁺01, TCG95, BR92, DBRD91, GRS06, KASD07, Lam95, QSHI16, RR96, RR03, TG09, TKA⁺02, VS96, WHJ⁺95, ZCSM02a, ZCSM02b]. **Communications** [Ano03, BMN99, FJ08, SCB15, Sho97b, TP18]. **Commutativity** [AC09]. **Compact** [HEMK17]. **compaction** [WK08a, WK08b, WK08c]. **Comparative** [SKP⁺02, Yoo96a, PL03]. **Comparing** [KPPÉRO6, SV96c, SV96a, SV96b]. **Comparison** [ILFO01, SAC⁺98, GL98b, KIM⁺03, MKIO04, MMTW10]. **Compass** [PWD⁺12]. **Compatible** [MM14, LBH12]. **competition** [YL16]. **Competitive** [MAH18]. **Compilation** [ACMA97, HLB94, BRRS10, GC92, HCD⁺94, Tsa97b]. **Compile** [CS95a, CS95b, TSY99]. **Compile-time** [CS95a, CS95b]. **Compile/run** [TSY99]. **Compile/run-time** [TSY99]. **Compiler** [ATLM⁺06, BD00, BF04, CHH⁺03, CSS⁺91b, CGSV93, DZKS12, JSB⁺12, LEL⁺99, Loc18, MCRS10, SCv91a, SCv91b, SYHL14, Sin99, TPZ21, TY97, TGBS05, YBL16, ZCSM02a, ZCSM02b, ZP11, BCG⁺95, BAD⁺10a, BAD⁺10b, BVG97, CAR08, CSS⁺91a, CSS⁺91c, DC07, Dub95, Fon97, Gol97, Hop98, JSB⁺11, MSM⁺11, McM97, Mü03, RKCW98, Sch91, SKKC09, UZU00, WLG⁺14]. **compiler-assisted** [Dub95]. **Compiler-Controlled** [CSS⁺91b, SCv91a, SCv91b, CSS⁺91a, CSS⁺91c, Sch91]. **Compiler-directed** [DZKS12, TPZ21, SKKC09]. **Compiler-Driven** [YBL16]. **compiler-managed** [WLG⁺14]. **Compiler-Supported** [ZP11]. **Compilers** [SS96]. **Compiling** [ABNP00, ABH⁺01, TLA⁺02, HTZ⁺97, Sch91, Sha98, A⁺01]. **Complement** [YFF⁺12]. **Complete** [BR15, MWP⁺21, Sch14, BW97, DWS⁺12, FFY08, KGGK09, NV15]. **Completion** [AGK96, BGK96, Lun97, Man98, BGK94c]. **Complex** [SZM⁺13]. **Complexity** [EG11, CMX10, SKA01]. **complexity-effective** [SKA01]. **Compliant** [BGK96, SP05, Hig97]. **component** [NFBB17]. **component-based** [NFBB17]. **Components** [Gon90, Sho97b]. **Composable** [MLGW18, SS10, FKS⁺12]. **Compositions** [KS97]. **Comprehensive** [TAM⁺08, BFSK20]. **Compressed** [PBL⁺17]. **Computation** [ACM94c, BFA⁺15, CWS06, HLB94, Hon94, HWW93, Kuc92, Lak96, OTY00, Wat91, BHKR95, Fan93, Fuj97, KKT⁺18, KG07, Küc91, NJ00, Sha98, ST98, WHJ⁺95]. **computation-to-core** [KKT⁺18]. **Computational** [LNI⁺19, PCPS15, Bar09]. **Computations** [BL98, FS96, KC98, KC99, WJ12, YWJ03, Blu92, BL93, BL94, BL99, Chr95a, Chr95b, Chr96]. **Compute** [BBSG11]. **Computer** [ACM98c, Ano94a, BVL09, CBN⁺00, Gol94, BD06, DNB⁺12, GK05, I⁺94, PBDO92, WQLJ18]. **Computers** [Ano94e, SS96, BCM⁺07, Boo93, LP09, SJ95]. **Computing** [ACM93b, ACM98a, ACM98d, ACM00, ABC⁺93, Ama89, CGS⁺20, CSM⁺21, CT00, Den94, EJ93, FTP11, FGKT97, Gar01, GRS97, Ham96, Hol12, HG91, IEE94b, KR12, Kon00, LCK11, LFA96, ME17, ROPdlT22, SRU98, SKV21, SZ02, TKZ⁺18, USE93a, Wea08, WN10, BGG95, BD06, Dan09, FWL03, GBG95, GS02, HF88, HG92, IEE97, Joe96, JCP17, KD22, Kim94, KU17,

Lan97, Leg01, Lu95, Mar07, PWD⁺12, SBCV90, Sen19, Sta90, SKA01, Tem97]. **Concept** [ÁMdBdRS02, BBFW02, KA97]. **Concepts** [McC97a]. **Concrete** [NSP⁺14]. **Concurrency** [AN22, BM94, GMGZP14, MLR15, MQLR16, ME17, NFBB17, Tro18, ZWL15, BFSK20, BA08, But14, CBM10, DKG18, GCC15, HZD13, LZ07, NBMM12, NJK16, RR96, RR03, SK12, VTSL12, Yan02, ZLW⁺16, dB09, SB80]. **Concurrency-preserving** [NFBB17]. **Concurrent** [BVM19, ILFO01, KD97, KCCD99, MSM⁺16, NPT98, PCM16, PF01, SV19, TJY98, AGN09, BBYG⁺05, Bar09, BO96, BC02, BCCO10, BAM07, Car89a, CVJL08, Cor00, DL93, FK12, GB20, GSK⁺18, HZ12, HL93, JPS⁺08, JP92, KIM⁺03, KGGK09, LPD⁺11, MSM⁺10, MKIO04, Men91, NHFP08, Nev99, ND13, ORS⁺06, STR16, San04, Sen08, ST05, Tsa97a, Tsa97b, WK08a, WK08b, WK08c, ZSJ06, Hay93]. **Condensed** [BIK⁺11]. **Condition** [Hol98c, Yan02]. **Conditional** [IBST01, NA07]. **Conditions** [HM96]. **Conference** [ACM92, ACM93a, ACM93c, ACM94a, ACM94b, ACM94d, ACM95a, ACM95b, ACM96, ACM98b, ACM98d, ACM99a, ACM01, Ano90, Ano94a, AOV⁺99, BT01, Hol12, IEE94b, IEE95, IEE96, IEE02, LCK11, USE89, USE91b, USE92a, USE93b, USE98b, USE00b, USE00a, Ano94d, Ano94f, Est93, KKDV03]. **confidentiality** [NSH14]. **Confidently** [Tro18]. **Configuration** [GPB⁺17]. **Confirmation** [CJW⁺15]. **conflict** [NJK16, vPG03]. **conformant** [Stu95]. **Congress** [Ano94d]. **Conjugate** [SSK⁺18]. **conjunction** [Ano94e]. **Connect** [Ano00b]. **conquer** [FN17, TP18]. **conscious** [GBP⁺07]. **Consistency** [ABH⁺00, AB01, AB02, CH95, LB17, Rob03, WC99, AAJ⁺19, BAM07, Cho93, DNB⁺12, GS00, HT14, QSQ14, RMV22, SNM⁺12]. **consistent** [NHFP08]. **Consolidated** [HC17]. **Constrained** [TLGM17, GW10, YN09]. **Constraint** [YDLW20, SCG95]. **constraints** [HB15]. **Construction** [KW17, LHS16]. **constructs** [BS06]. **consumption** [SCM05]. **Contact** [Nak03]. **Contemporary** [ZJS12, ZJS10]. **Content** [WLM15]. **Content-Based** [WLM15]. **Contention** [ALB⁺18, XSaJ08, ALW⁺15, DSG17, PGB14, TMCP10, ZKR⁺11]. **Contention-aware** [XSaJ08]. **Context** [BMTZ21, TLA⁺02, GN92, JLS99, FD95, LG04, MQ07, PAdS⁺17, PFH06, SCB15, Yan97, LG04]. **Context-bounded** [BMTZ21, PAdS⁺17]. **context-sensitive** [PFH06, LG04]. **contexts** [BGC14, TE94b, WW93]. **Contextual** [BGZ97, KH18a, NHFP08]. **continuation** [AAHF09]. **continuation-based** [AAHF09]. **continuations** [DBRD91, GRR06]. **Continuing** [Ano99]. **Continuous** [RCC14]. **Continuously** [DTLM14]. **Contour** [GFJT19]. **Control** [BP05, CmL19a, KW17, Lev97, PBR⁺15, SU01, SZM⁺13, SG96, CDD⁺10, DKG18, FK12, FSYA09, GCC15, MLCW11, NT14, PPA⁺13, PWWD18, Pol90, RPB⁺09, UZU00, WLK⁺09, Yoo96b]. **control-flow** [NT14]. **Controlled** [ALSJ09, BCG⁺08, CSS⁺91b, CGSV93, SCv91a, CSS⁺91a, CSS⁺91c, Luk01, MWP07, Sch91, SCv91b]. **Controller** [RLJ⁺09]. **controllers** [KASD07]. **controlling** [AGN09, BKC⁺13]. **controls** [McM96c]. **Controversial** [Gar01]. **Convention** [ACM98d, ACM99b, ACM00, Hol12]. **Conventional** [KET06b, HB92]. **Convergence** [RM03]. **conversational** [LG04]. **Converse** [BK96]. **Convert** [Vol93]. **Converting** [LEL⁺97a, LEL⁺97b]. **convolutions** [RB18]. **convolver** [Kep03]. **Cool** [Ano00a, Ano03, Wei97]. **cooperation** [BM07, SKBY07]. **Cooperative** [AMRR98, DNT16, ILFO01, LC13, KIM⁺03,

MKIO04, TCG95]. **coordinated** [KKJ⁺13]. **coordination** [BDF98]. **Coping** [San04]. **Coprocessor** [LRZ16]. **Coprocessors** [CSM⁺21]. **copying** [HL93]. **CORBA** [DHR⁺01, PSCS01, SV96a, SV96b, VS96]. **Core** [CC18, CvDBC18, FMY⁺15, FJ08, GBK⁺09, IXS18, KST04, KTR⁺04, MP01, MNU⁺15, MM01, MB05, PVS⁺17, PHBC18, PM14, QOIM⁺12, VCM19, ABC⁺15, AMPH09, ÇFG⁺12, CSM⁺05, DTR18, DWYB10, GW10, KKT⁺18, KBF⁺12, MLCW11, MLC⁺09, MTPPT12, Mus09, RGT17, SMQP09, TPZ21, TCF22, VPQ12, WCC⁺07, YZ07]. **CoreDet** [BAD⁺10a, BAD⁺10b]. **Cores** [CSM⁺21, CCK⁺16, RRK11, TCS20, CWS06, MAF⁺09, SW16]. **coreSNP** [GAC14]. **Corner** [SW97]. **Corona** [VSM⁺08]. **Corporation** [Ano00b, Ano00b]. **correct** [DJLP10, SP00b, Shi00]. **Correction** [TLA⁺02, HTDL18]. **corrective** [LG04]. **Correctness** [Ram94]. **Correlation** [SLT03, PFH06, SLT02]. **cosimulator** [LT97]. **Cost** [TY97, Bet73, DC07, Tsa97b]. **cost-effective** [Tsa97b]. **Costs** [MHG95]. **COTS** [RGG⁺12]. **counterexamples** [NV15]. **Counters** [Wei98b]. **Counting** [Hol98c, Rec98]. **County** [ACM98d]. **Coupled** [MTN⁺00]. **coupling** [AG21]. **Course** [BLPV04, BZ07, GL07, She98]. **coverage** [RRP06, YNPP12]. **coverage-driven** [YNPP12]. **covering** [BCG13]. **Covert** [EPAG16]. **CPU** [ASSS19, BSSS14, PGB16, DFC⁺19]. **CPUs** [KS21, SKG⁺11, SMD⁺10, TCF22]. **Craftworks** [Ano97a]. **Cray** [BÇG14, Smi01, VTSM12]. **Create** [Ber96b, Ber96a, Len95]. **Creating** [Han97, Ten98]. **Creation** [Eng00, Rin99, Sin97]. **Crisis** [Ano99]. **Critical** [BLG01, CS12, OTY00, PFP⁺22, AU21, DTLM14, DESE13, NM10, RGG⁺12, San04, SMQP09, YL16]. **Criticality** [DESE13, NB12]. **Cross** [DSR17, Lam95, SHK15, BKC⁺13, CZSB16]. **Cross-Layer** [SHK15]. **Cross-platform** [Lam95]. **Cross-Thread** [DSR17, BKC⁺13, CZSB16]. **cruncher** [Yee20]. **CS1** [GL07]. **CSMT** [GSL10]. **CSP** [Nev99]. **CTS** [ASSS19]. **CUDA** [LBH12, MM14, PAdS⁺17, WJ12, YZ14]. **CUDA-compatible** [LBH12]. **CUDA-NP** [YZ14]. **CUG306** [Col90a]. **current** [LVA⁺13]. **Curve** [Rót19]. **customizable** [JP92]. **cut** [JEV04]. **Cycle** [LS11, EE09b]. **Cycle-Level** [LS11]. **Cycles** [CNZS17]. **Cyclic** [YLLS16, HKT93]. **cyclone** [Gro03]. **Cyclops** [ACC⁺03]. **Cyrus** [HDT⁺13].

D [KSB⁺08, NTKA99, PYP⁺10, TKHG04]. **Daemon** [Spe94]. **DAG** [LQ15]. **Dallas** [ACM00, USE91b]. **Dame** [IEE96]. **dans** [Zig96]. **DARPA** [Mat97]. **Data** [Ama89, ABNP00, DTLW16, EW96, FHM95a, GAC14, HMC97, HRH08, Hig97, HLH16, JMS⁺10, JGS⁺19, KZC15, KEL⁺03, KET06a, KET06b, LPK16, LMJ14, LLD17, ME15, ME17, ROPdIT22, RCRH95, SBN⁺97, SAC⁺98, SSYG97, SG96, TKZ⁺18, TTKK21, Ten98, TESK06, VT96, Wil98, ZLJ16, ZAK01, AGEBO8, AGN09, BAM07, CS95a, CS95b, CDL13, DHM⁺12, Evr01, FHM95b, FK12, HL93, LTL⁺16, LHS16, Mao96, MMN09, NWT⁺07, ND13, PDMM16, PRB07, PHCR09, Pol90, PS03, PS07, PT03, Sha95a, SP00b, Shi00, Sin99, SKKC09, TPZ21, WDC⁺13, YKL13, ZJS⁺11]. **data-centric** [DHM⁺12]. **Data-Driven** [DTLW16, KET06b, ME15, ME17, TESK06, Evr01]. **Data-Parallel** [ABNP00, ROPdIT22, SAC⁺98, HMC97]. **data-race** [MMN09]. **Database** [BAZ⁺19, KD97, MM14, YM92, YMR93b, Hig97, LBE⁺98, YMR93a]. **Databases** [AOV⁺99, GDSA⁺17, HL08, MIGA18]. **Dataflow** [CVJL08, FA19, GGB93a, Gao93, HPB11, HKSL96, LH94, NBM93, RSBN01,

SRU98, DFC⁺¹⁹, Tra91, YMR93b, BGG95, GGB93b, GBG95, HG92, JHM04, KHP⁺⁹⁵, PT91, SKS⁺⁹², Sch91, YMR93a].

Dataflow-Based [RSBN01]. **dataflow/von** [HG92]. **datarace** [CLL⁺⁰², CVJL08].

Datarol [KA97]. **Datarol-II** [KA97].

Dawning [Cro98]. **DC** [IEE94c, ACM92, Ano90]. **DCE** [RD96, Yam95, Yam96]. **DDOS** [HBCG13].

Deadlock [Hol98a, Mou00, Ver97, ABF⁺¹⁰, GB20, SR14, WLK⁺⁰⁹]. **Deadlocks** [CC14, CJW⁺¹⁵, CZWC13, JPSN09, PRB07].

dealiased [RB18]. **Deallocation** [LPE⁺⁹⁹].

dearth [Len95]. **debate** [Bak95b]. **Debug** [MWP⁺²¹, PT03]. **debugger** [CB89, CB90].

Debugging [Ano98b, Caz02, HWZ00, MQLR16, PHK91, SJB92a, SJB92b, BGZ97, MLR15, WOKH96].

decentralized [RPB⁺⁰⁹]. **Decision** [LFA96, LQ15]. **Decisions** [JGS⁺¹⁹].

decomposition [JEV04]. **Decompression** [PBL⁺¹⁷]. **Decoupled** [DO95, IXS18, APX12, Evr01, RVOA08, RCDG06, SKA01, VS96]. **decoupling** [KGGK09, PG01]. **Decoy** [MIGA18].

Deductive [ÁdBdRS08, BK13]. **Deep** [SM19]. **Deeply** [GKCE17]. **Defect** [OB13].

Deflation [Myl22]. **Defragmentation** [PVS⁺¹⁷]. **DeLaunay** [ABC⁺⁰⁹].

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dependencies [NPC06]. **Deployment** [GARH14]. **DepSpawn** [FA19]. **Depth** [McM96a, McM96b, McM96c, McM98a, McM98b]. **Derivation** [Kim14, SV19].

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Detection/Correction [HTDL18].

Detector [SBN⁺⁹⁷, SLG06]. **determined** [Kub15]. **determinism** [BS10b, LWV⁺¹⁰, LZW⁺¹³]. **Deterministic** [DK02, KRBJ12, LB17, LSS12, VSDL16, BAD^{+10a}, BAD^{+10b}, BAD⁺⁰⁹, Bon13, DLCO09, DNB⁺¹², LZBW14, MAAB14, OAA09, QSHI16]. **Deterministically** [MCT08]. **DetLock** [MAAB14]. **develop** [Fek08]. **Developer** [IEE96]. **developers** [Way95]. **Developing** [SP00b, Shi00, TKA⁺⁰¹, OT95].

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[SK12]. **Diego** [ACM93b, ACM98b, USE89, USE93b, USE98b, USE00a]. **differences** [BFSK20, Yam96]. **Different** [BLPV04, GLC99]. **Differential** [BTL⁺19, Loe97, MQLR16, MLR15]. **Difficult** [CTYP02]. **Difficult-path** [CTYP02]. **Diffusions** [LTM⁺17]. **Digital** [SS91]. **Digraph** [CNZS17]. **dimension** [NJ00]. **dimensional** [AR19]. **DIMM** [ALSJ09]. **Direct** [PR98, KS21]. **Direct-threaded** [PR98]. **Directed** [LPE⁺99, STR16, AR19, DZKS12, Fan93, Sen08, SKKC09, TPZ21]. **directory** [QSQ14, HR10]. **DISC** [Don92]. **disciplines** [Bar09]. **Discrete** [WYT⁺20, Leg01, TKHG04, WLK⁺09]. **discussion** [Sho97a, Sho97b]. **Disintermediated** [BDJ06]. **Disjoint** [SJA12]. **Dispo** [MGK⁺00]. **Disruptions** [IMMP20]. **Dissecting** [ACC⁺03]. **Distance** [BCZY16, KZTK15, SV19, KNPS16]. **distinguish** [HL93]. **Distinguished** [ABH⁺01, TKA⁺01]. **Distributed** [ABNP00, ABH⁺01, BBD⁺91, BWXF05, BHKR95, BC94, CV98, CJK95, DKA16, FSS06, GJ97, Jen95, MGK⁺00, PG92, Pra95a, RLJ⁺09, RBPM00, RW97, RCRH95, SUF⁺12, TDW03, USE92b, VS96, Yas95, Ano96, A⁺01, BCG⁺95, CML00, Car89a, Gol96, GKK09, Gun97, HB92, HMC95, HWW93, HBCG13, IEE97, ISS98, Leg01, MS03, MLC04, MGL95, MKK99, Ong97, Pha91, Ply89, QSQ14, Sen19, Sto02, Tod95]. **Distributed-Memory** [RCRH95, BCG⁺95, HWW93]. **Distributed-sum** [TDW03]. **Distribution** [SSYG97, ZAK01, CY09]. **divergence** [MTS10]. **Divergent** [WJA⁺19]. **divide** [FN17, TP18]. **Divisors** [Kuc92, Küc91]. **DMP** [DLCO09]. **DNA** [LZL⁺20]. **Do** [Cri98b, Cri98a, RPNT08, Ber96a, Ber96b, YLLS16]. **Dock** [BCS11]. **Docking** [BCS11, TO10]. **document** [JCP17]. **documentation** [HF96]. **Does** [Hag02, RKK15, ZJS10, San04]. **doing** [Yam96]. **domains** [LAK09]. **DomLock** [AN22]. **données** [Swi09]. **Don't** [HHPV15]. **DOSThread** [VE93]. **DOTMIX** [RB22]. **DOTMIX-Pro** [RB22]. **DoubleVision** [Ano00b]. **downdating** [VV11]. **Downturn** [Gar01]. **DRAM** [LLKS12, kSYHX⁺11]. **DRAMs** [ALSJ09]. **drf** [MSM⁺16]. **DRFX** [MSM⁺10]. **Drinking** [CZSB16]. **Driven** [DTLW16, For95a, For95b, HLB94, KET06a, KET06b, LWSB19, ME15, ME17, TESK06, YBL16, CSV10, Evr01, RVS13, RSB⁺09, SLP08, SQP08a, SQP08b, SQP08c, YNPP12]. **driver** [CCW⁺11]. **DSLs** [RKHT17]. **DSM** [ABH⁺00, AB01, AB02, BDF98, KKH04]. **DSM-PM** [AB02]. **DSM-PM2** [AB01]. **DSMs** [FBF01]. **DTS** [BHKR95]. **Dual** [BBC⁺00, EHG95, KST04, DK02, MB05, WS08, CCW⁺11, FRL18]. **Dual-Core** [KST04, MB05]. **Dual-Level** [BBC⁺00, DK02]. **dual-mode** [FRL18]. **dual-personality** [CCW⁺11]. **Dual-Processor** [EHG95]. **Dual-Thread** [MB05, WS08]. **Duplex** [KG05]. **Duplication** [Kwo03]. **Dynamic** [BPSH05, CJW⁺15, CmL19a, FSYA09, GPB⁺17, HSS⁺14, Hig97, IMMP20, KMAG01, KPC96, KC98, KC99, KUCT15, KEMC22, LK20, MVZ93, MTS10, Nak01, PBL⁺17, RCRH95, RS08, SBN⁺97, SLG04, SKK⁺01, Sta90, SMP19, SG96, WHG07, XMN99, ZKW15, ZKR⁺11, ZL10, AR17, CAR08, Chr95a, Chr95b, Chr96, Don92, FF04, FF08, FFY08, FF09, HSD⁺12, JPSN09, KBF⁺12, LSS12, MK12, Mic04, NHFP08, RB22, SCB15, SLG06, TJY⁺11, WXAL22, WW96, BK13]. **dynamic-multithreading** [LSS12, RB22, WXAL22]. **Dynamically** [PGB12, TLGM17, DMBM16, Kep03]. **dynamically-typed** [DMBM16]. **Dynamics** [LNI⁺19]. **DyPO** [GPB⁺17]. **e6500** [BGH⁺12]. **Early** [GL91, Myl22, PBL⁺17, SLP08]. **EARTH**

[HTZ⁺97, HMT⁺96, Sod02, TAK⁺00, TKA⁺01, TKA⁺02, TMAG03, Nak03]. **EARTH-MANNA** [HMT⁺96, Sod02]. **Easy** [FA19, Har99]. **Easysoft** [Ano00b]. **ECMA** [Stu95]. **ECMA-162** [Stu95]. **economics** [Bar09]. **Edge** [CSM⁺21, ROPdIT22]. **Edge-Computing** [CSM⁺21]. **Edinburgh** [AOV⁺99]. **edit** [KNPS16]. **Editors** [GGB93a, GJ97]. **Education** [Gar01]. **Effect** [PFP⁺22, BAD⁺09, GL98b, YSY⁺09]. **Effective** [ABLL92, DN94, GH03, GMGZP14, NAW06, NSH14, PGB16, RVS13, Sat02, TMC09, TY97, WLT19, CBM10, JSB⁺11, MMN09, MTC⁺07, SKA01, Tsa97b]. **Effectiveness** [PR05, TE94b]. **Effects** [Cho93, HRH08, KLH⁺99, KRBJ12, NHFP08]. **Efficient** [TTKG02]. **Efficiency** [AJK⁺12, Ano05, IXS19, THA⁺12, AMPH09, FGG14, GA09, MMM⁺05, MWK⁺06, Pra95b, RCG⁺10, SP05]. **Efficient** [AD08, ALSJ09, Alf94, ABN99, AU21, BCZY16, BGDmWH12, BJK⁺96, BL98, BMN99, CZS⁺17, CFC⁺22, CYYL18, CLL⁺02, DMBM16, Gao93, GJT⁺12, GRS97, GS06, GN96, HMCP16, HSS⁺14, HR10, HEMK17, KPC96, KASD07, LS18, Lem02, LHG⁺16, LZBW14, MB07, MAAB14, NB99, PS03, RWT21, SP07, TY97, TGBS05, Tro18, ZLJ16, ZTN19, ZWGX22, ATLM⁺06, AG21, BL93, BJK⁺95, BHK⁺04, EKKL90, FWL03, FF09, GB99, HSD⁺12, KSB⁺08, KNPS16, KSD04, LK13, LWV⁺10, LML⁺19, LHS16, LZW⁺13, MSM⁺10, NLK09, OAA09, Pan99, PSG06a, PSG06b, PSG06c, PRS14, PS07, PPGS20, RL14, RB22, Sch91, SRA06, SP00b, Shi00, SGS14, SQP08a, SQP08b, SQP08c, TO10, Wei98a, kSYHX⁺11, ZLW⁺16, FSYA09]. **Efficiently** [KBF⁺12, MCT08, SW16, Blu95, BKC⁺13]. **eigenproblems** [ABD⁺12]. **eigenvalue** [BIK⁺11]. **Elastic** [SG18]. **Electronic** [Ano00b, BB00]. **Elegant** [Hub01]. **Element** [HBTG98, MS02, TCF22]. **elementary** [HKN⁺92]. **elide** [MLS15]. **Eliminating** [DSG17, OCT14, RD06, MTPPT12]. **elimination** [MK12]. **elision** [NM10]. **Elliptic** [Loe97]. **EM-4** [BAM93, SKS⁺92]. **Embedded** [BVM19, BGH⁺12, DS09, Dru95, GKCE17, KG05, KE15, MS15, WM03, ZDTM19, DCK07, KVN⁺09, KASD07, KBF⁺12, LLLC15, LBvH06a, LBvH06b, LBvH06c, RSB⁺09, SKP⁺02, Xue12]. **Embedded-Systems** [Dru95]. **Embedding** [Pul00]. **emergencies** [MTPT12]. **Emerging** [VSM⁺08, WJA⁺19, GBP⁺07, HFV⁺12]. **empirical** [LC13]. **employing** [CWS06]. **Employment** [Gar01]. **Empowering** [JSB⁺12]. **Enabling** [CC18, Pan99, SMZ18, JMS⁺10, VGK⁺10a, VGK⁺10b]. **End** [SNM⁺12]. **End-to-end** [SNM⁺12]. **Energy** [ALSJ09, AJK⁺12, GJT⁺12, GKCE17, KE15, LK13, LML⁺19, LMA⁺16, PR05, RL14, AAC⁺15, CIM⁺17, GA09, KSB⁺08, MAF19, NB12, PJZA07]. **Energy-Aware** [PR05]. **Energy-Effectiveness** [PR05]. **Energy-Efficient** [GJT⁺12, LK13, LML⁺19, RL14]. **energy-performance** [PJZA07]. **enforcement** [GWM07, SCCP13]. **Engine** [SG18, SMP19, CNQ13]. **Engineering** [GJ97, LSB15, WCV⁺98]. **engines** [HB15]. **England** [ACM94c]. **Enhance** [FSPD17, FJ08]. **Enhanced** [Ano00b, EJ93]. **Enhancing** [KKT⁺18, OL02a, OL02b, OL02c, TTKK21, HWW93, RHH10]. **Environment** [ABNP00, BC00, CdOS01, EC98, KKH03, PG92, BK96, DSH⁺10, GCRD04, GCC15, GBB⁺05, HMC97, Hud96, KG07, Lan97, Pha91, SWYC94, Sta90, Tem97, WCC⁺07]. **Environments** [AKP99, BDN02, KG05, SP00a, EJK⁺96, RGG⁺12, Sam99, Ver96, Way95]. **equality**

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STY99, VSDL16, Ann96, A⁺01, BAD⁺10a,
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Functional [Coo95, DCK07, GS06, Kim94, KIAT99, LP94, SSP99, Gum97, RKBH11, TAN04, VGR06, WZWS08, ZSJ06].
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GALAHAD [GOT03]. **GAMBIT** [CBM10]. **Game** [DHR⁺01]. **GAMESS** [BB00]. **Garbage** [AKP99, LB92, PUF⁺04, PF01, QSaS⁺16, BBYG⁺05, DL93, HL93].
Garcia [Ano00c]. **Gateway** [Yas95].
Gating [RRK11]. **Gaussian** [SC17]. **GbA** [LZW17]. **GC** [HHPV15]. **Geant4** [SCD⁺15]. **GEMM** [SLJ⁺19]. **Gene** [GBB⁺05]. **Gene/L** [GBB⁺05]. **General** [Ber96b, BF04, HSS⁺14, Man98, YKL13, ZSA13, Ber96a, Car89a, DC99, DC00, HSD⁺12, MQW95, SKA01].
General-Purpose [Ber96b, HSS⁺14, Man98, Ber96a, DC99, DC00, HSD⁺12].
generalized [ABD⁺12, BCM⁺07, FTAB14].
Generated [BD00, MJF⁺10]. **Generating** [AZG17]. **Generation** [ARB⁺02, BVL09, Coo95, EFN⁺01, EEL⁺97, HEMK17, HYY⁺15, NBS⁺15, RNSB96, SSK⁺18, TGBS05, Tra91, TSV12, ABC⁺09, EFN⁺02, GJ11, Gep00, KI16, LK13, LSS12, LZSS19, Way95, CH04]. **generational** [DL93, WK08a, WK08b, WK08c].
generations [Roh95]. **generators** [SLF14, SV21]. **Generic** [ABH⁺00, AB02, Fer13]. **Genetic** [NSP⁺14].
genome [LHS16]. **GeoFEM** [Nak03].
Geometric [Caz02]. **Georgia** [ACM99a].
Germany [RM03, Wat91]. **getting** [MAH18]. **ghosts** [TVD14]. **Gigabit** [AHW02]. **Gigabit/sec** [AHW02].
Gilgamesh [SZ02]. **glasses** [CZSB16].

Global [HH11, PWL⁺11, Ten02, FWL03, LZBW14, OCT14, OA08a, OA08b, OA08c, Ano98b].
globally [CZWC13]. **gmm_diag** [SC17].
gmm_full [SC17]. **GNAT** [dIPRGB99]. **Go** [Mia90]. **Going** [Bak95b]. **Goldilocks** [EQT07]. **good** [Mat03]. **GPGPU** [CCWY17, LLKS12, YZ14]. **GPGPUs** [LSB15, ZWL15]. **GPS** [TVD14]. **GPU** [APX12, Bon13, DTR18, FTP11, IXS19, KI17, LWSB19, LTL⁺16, LML⁺19, LHG⁺16, LAH⁺12, Sen19, WLG⁺14, WJA⁺19, XWG⁺14, YSS⁺17, YSS⁺19, ZCO10].
GPU-Oriented [LHG⁺16]. **GPUdet** [Bon13]. **GPUMixer** [LWSB19]. **GPUs** [CSV10, DNT16, LBH12, SKG⁺11, VD08, WJ12]. **Grace** [BYLN09]. **Gradient** [SSK⁺18, MAF19]. **Grain** [AZG17, CSS⁺91b, HG91, KG94, LFA96, MKM17, NS97, ZM07, CSS⁺91a, CSS⁺91c, KDM⁺98, Kim94, Loi95, MLC⁺09, Met95, PL03, TY97, TKHG04]. **Grained** [BBG⁺10, BSSS14, But13, LKBK11, PBR⁺15, DFC⁺19, TAK⁺00, YSS⁺17, BGK94c, Dub95, Gol97, LVS01, RPB⁺09, Wei98a, kSYHX⁺11]. **Grande** [ACM01].
Grande/ISCOPE [ACM01]. **Granularity** [KI95]. **Graph** [ARA20, ÇFG⁺12, CL95, EJRB13, FNS⁺22, HPA⁺15, KS93, KLS92, MCS⁺22, MM14, LK15, LZW17, RVR04].
graph-based [LZW17]. **GraphCT** [EJRB13]. **Graphical** [ACR01]. **Graphics** [SSB⁺22, BGDmWH12, CCW⁺11, FSYA09, PYP⁺10]. **Graphs** [HPB11, Nik94, OB13, AD08, ABG⁺08, DSEE13]. **grass** [MMTW10]. **Greatest** [Kuc92, Küc91].
Green [SKP⁺02]. **greener** [MMTW10].
Grid [KEL⁺03, SSK⁺18]. **Grid-Based** [KEL⁺03]. **GRIDiron** [MCS15]. **grids** [SKG⁺11]. **Griffin** [Ano00c]. **Gröbner** [AGK96]. **Group** [BNH01, DLM99, QSHI16]. **Group-Based** [BNH01]. **Grouping** [OR12, WC99]. **groups** [WZSK19]. **Grove** [IEE89]. **Growth06_v2**

[Dan09]. **Guarantee** [Hag02, BGP06]. **Guarantees** [PSM01, YWJ03, GPS14, MTC⁺07, PSM03, ZHCB15]. **Guarded** [Sim97]. **Guest** [GGB93a, GJ97]. **GUI** [Tet94]. **Guide** [Ano99, BBD⁺91, LB96a, Wil97, BW97, ND96, RR96, Sun95]. **guided** [NB12]. **Guidelines** [RD96]. **GUIs** [Mia90]. **Gyrokinetic** [KEL⁺03, PWL⁺11].

Hagenberg [Hon94]. **Hagenberg/Linz** [Hon94]. **Halide** [DKA16]. **Hamilton** [Ric91]. **Handles** [Rec98]. **Handling** [DH98, LSB15, SK97, BM91, KCCD99, Koo93, KBP⁺03, Lea96, Met95]. **Hands** [Tro18]. **Hands-on** [Tro18]. **Harbor** [BBC⁺00]. **Hardware** [AGJ18, BVM19, BAZ⁺19, CKD94, CSS⁺91b, DVAE18, FNA⁺18, KE15, KH18b, LLS06, MWP07, MKM17, Men91, ROPdIT22, SW08, SSK⁺18, ZLJ16, ABC⁺09, BMF⁺19, CWS06, CSS⁺91a, CSS⁺91c, ECX⁺12, FSYA09, GP05, LT97, MLS15, MQW95, OCT14, PAB⁺14, PRS14, RPNT05, SE12, TE94b, DWS⁺12]. **hardware-aware** [PAB⁺14]. **Hardware-Based** [ROPdIT22]. **Hardware/Software** [MKM17, LT97]. **harmful** [NWT⁺07]. **Harmony** [KTK12]. **Harness** [Ama98, EBKG01]. **Hash** [GK05, VB00, RWT21]. **hash-based** [RWT21]. **Hash-join** [GK05]. **Hashing** [SMZ18, MIGA18]. **having** [YFF⁺12]. **Head** [Mia90]. **healing** [SLP⁺09]. **Heaps** [DGK⁺03, GFJT19, Man99, Ste01]. **help** [Len95]. **Helper** [ALS10, WCW⁺04b, WCW⁺04c, WCW⁺04d, WCW⁺04a]. **Here** [Ano92a, Pra95c]. **Hessenberg** [BKK17]. **Hessenberg-triangular** [BKK17]. **Heterogeneity** [CCK⁺16, Kwo03, RKBH11]. **Heterogeneous** [AT16, AACK92, FBF01, GPB⁺17, KTR⁺04, LPM17, Lu95, MSFC21, NTR16, SM19, THA⁺12, ZDTM19, FKS⁺12, GKZ12, KD22, LK13, SJ95, TPZ21, WCC⁺07]. **Heuristic** [HH11, Mah11, OCRS07]. **Heuristics** [MGI14]. **Hewlett** [BLCD97]. **HFS** [KS97]. **hiding** [BR92]. **Hierarchical** [GJT⁺12, JY15, KC98, KG94, BMV03, DZKS12, LK13, LQ15, RCDG06]. **Hierarchies** [AN22, BCZY16, TAM⁺08]. **Hierarchy** [ZM07, BGDmWH12, PMCP22]. **High** [ACM98a, ACM98d, ACM00, Ano00a, Ano03, BGH⁺12, CGS⁺20, CFC⁺22, CT00, FF20, FGKT97, Gar01, Hol12, HG91, IEE94b, LCK11, LG06, LMJ14, LML⁺19, LBH12, LHG⁺16, LCH⁺08, MR94, MSM⁺16, MPD04, ME17, MCS⁺22, NBS⁺15, PH97, RG03, SRS98, Sch17, SLJ⁺19, TCI98, VV11, WG99, WN10, WLT19, ZDTM19, AL21, CIM⁺17, GS02, HG92, Kim94, Lan97, RRP06, Rei95, Sen19, SQP08a, SQP08b, SQP08c, Tem97]. **high-** [RRP06]. **High-Level** [CFC⁺22, MCS⁺22, Sch17, FF20]. **High-Performance** [ACM98a, BGH⁺12, FGKT97, Gar01, IEE94b, NBS⁺15, RG03, SLJ⁺19, TCI98, WN10, LML⁺19, LCH⁺08, VV11, AL21, CIM⁺17, Kim94, SQP08a, SQP08b, SQP08c]. **high-powered** [Rei95]. **High-Speed** [Ano00a, Ano03, HG91, SRS98, HG92]. **High-Utility** [WLT19]. **Higher** [CJK95, NV15]. **Higher-Order** [CJK95, NV15]. **highly** [BGDmWH12, Kub15, KGGK09, MAAB14]. **Hill** [CY09, USE02]. **Hill-climbing** [CY09]. **Hilton** [IEE90]. **HippogriffDB** [LTL⁺16]. **Hist** [Gar01]. **history** [Ano97b, Hic20]. **Hoard** [BMBW00a, BMBW00b, BMBW00c]. **Hoare** [KI17]. **HoME** [OKID92]. **Homogeneous** [CC18, JGS⁺19]. **Hood** [Ven97]. **HoPE** [PBL⁺17]. **Hopping** [MSFC21]. **Hot** [IEE99, PBL⁺17, Gle91]. **Hot-Cacheline** [PBL⁺17]. **Hotel** [Ano94d, USE02]. **Householder** [BKK17, VV11]. **Householder-based** [BKK17]. **Householder-like** [VV11].

Houston [Cha05]. **HP** [Ano95a, Ano95b, Yam96]. **HP-UX** [Ano95a, Ano95b, Yam96]. **HPC** [GKK09, KC09, PLT⁺15, SLJ⁺18]. **HPF** [BMV03, CM98]. **HTM** [KGGK09]. **HTMT** [Gar01]. **HTTP** [Zha00]. **Hut** [ZBS15]. **HW** [ZDTM19]. **HW/SW** [ZDTM19]. **Hybrid** [BBG⁺10, Gao93, JYE⁺16, LH09, MS02, NBM93, YZ07, GKK09, HG92, LZSS19, MK12, MTC⁺07, SKS⁺92, Sha95b, kSYHX⁺11]. **Hybridizing** [CZS⁺17]. **Hyper** [PFP⁺22]. **Hyper-Threading** [PFP⁺22]. **Hyperion** [A⁺01]. **Hyperobjects** [LS18]. **hyperscalar** [Raj93, Sha95a]. **Hyperthreading** [HRH08, KM03].

I-WAY [FGT96]. **i.e** [USE98b]. **I/O** [RM03, Ano95a, Ano95b, ABB⁺15, BDN02, KSU94, LTL⁺16, Man98, MG15, Yoo96a]. **IBM** [ABB⁺15, CJB⁺15, KST04, LSF⁺07, WZWS08]. **Id** [Nik94]. **IDA*** [Mah11]. **Ideas** [JLA16]. **idempotency** [KOE⁺06]. **identical** [LSW⁺18]. **Identification** [SBE⁺19, JSMP12]. **Identify** [BTL⁺19]. **Identifying** [BCZY16, LZL⁺20, SU96, DESE13]. **IEEE** [ACM98d]. **IFIP** [BT01]. **Igniting** [ACM03]. **II** [HCD⁺94, IEE89, JJ91, KA97, KR01a, McM96b, Wal95]. **III** [Ano00a, USE92b]. **Illinois** [GHG⁺98]. **Illinois-Intel** [GHG⁺98]. **illuminating** [BLPV04]. **ILP** [OCRS07, RLJ⁺09]. **im** [HL93]. **Image** [WN10, BÇG14, Kep03, RKHT17]. **Impact** [KLG08, LK20, SCL05, TE94a, ZAK01, Div95, Met95, RGG⁺12, RPNT05]. **Impaired** [Wei97]. **imperative** [SV98]. **implement** [DBRD91]. **implementable** [TEE⁺96]. **Implementation** [ACM94a, ACM99a, Alf94, AB01, AKP99, BBD⁺91, BHP⁺03, BRM03, CWHB03, DSH⁺10, FLR98, Hai97b, KA97, MS02, Nik94, STW93, TKA⁺02, TMAG03, BK96, BB00, BMV03, CMX10, DL93, FGT96, GCC99, GB99, IAD⁺94, KASD07, Lev97, Li05, LZ07, LAH⁺12, NFBB17, OKID92, RGT17, Stu95, Tod95, YZYL07, Ano95a, Ano95b].

Implementations [Han97, SAC⁺98, Ram94, SKG⁺11, Sha95b]. **implemented** [Boe05, KEL⁺03]. **Implementing** [ABH⁺00, AB02, BP05, CB89, CB90, Day92a, Day92b, DPZ97, GMB93, GSC96, HPA⁺15, KR01b, KBA08, KIAT99, Pra95a, TY97, TAN04, BHK⁺04, Lie94]. **Implications** [RM03, BS96, VSM⁺08, CSM⁺05]. **Implicit** [BAM93, MS02]. **Implicitly** [ACMA97, PFV03, SAC⁺98, RB18]. **Implicitly-multithreaded** [PFV03]. **Improve** [FSPE20, GV95, KH18b, QSaS⁺16, RKK15, Sin99]. **Improved** [BR92, GMGZP14, LLS06, Smi06]. **Improving** [AJK⁺12, AN22, BDN02, CCWY17, DKG18, FT96, FM92, FBF01, GA09, IXS19, IBST01, LYH16, Man99, MEG03, Nak01, PG01, PAB⁺14, MCRS10, TO10]. **In-Memory** [BAZ⁺19, RWT21]. **In-Order** [RRK11]. **In-place** [SGLGL⁺14, SCM05]. **in-situ** [LSW⁺18, RGK99]. **IN-Tune** [RGK99]. **includes** [SJ95]. **incomplete** [HR16]. **incompressible** [RM99]. **Incorrectly** [SCL05]. **Increasing** [DELD18, PHCR09]. **Incremental** [BFA⁺15, Caz02, Lar95, LB92, BBYG⁺05]. **Independent** [DS09, EW96, FSS06, USE93a, KNPS16, MEG94, PG03, WZSK19]. **Independently** [ALSJ09]. **indexing** [MIGA18, MLS15]. **induced** [MTPT12]. **inducing** [CZ02]. **Industrial** [KW17, Kon00]. **Industry** [DM98]. **Industry-Standard** [DM98]. **inference** [FFLQ08]. **inflation** [OdSSP12]. **InfoDock** [Ano97a]. **Information** [BS96, PBR⁺15, CML00, KKT⁺18, KBH⁺03, RPB⁺09, SV98]. **Informix** [Ger95]. **Initial** [BTE98]. **Injection** [SBE⁺19]. **Inline**

[GH03, DJLP10, EKKL90].
Inline-Threaded [GH03]. **Inlining** [PR98, LQ15]. **innovating** [JD08].
Innovation [ACM03]. **innovations** [ABB⁺15]. **Input** [BCG13, MP89, Tan87].
Input-covering [BCG13]. **input/output** [MP89]. **Insertion** [CmL21]. **Insight** [IEE02]. **Instruction** [DV99, HMNN91, LEL⁺97a, LEL⁺97b, MCFT99, RYSN04, RS08, TCS20, AMC⁺03, Aru92, Cho92, HKN⁺92, HMN⁺92, KBF⁺12, LGN92, Mis96, OA08a, OA08b, OA08c, PYP⁺10, Raj93, SD13, SMS⁺03, TEE⁺96, VS11b, VDBN98, VV00].
Instruction-Level [LEL⁺97a, LEL⁺97b, MCFT99, LGN92, SD13].
instruction-systolic [PYP⁺10].
instructions [PPA⁺13]. **instrumentation** [RS07, XMN99]. **Integer** [Ger18, GH98].
integral [Küc91]. **integrated** [CCW⁺11, MTS10, RD99]. **Integrating** [Ca100, CM98, DNR00, DTLW16, FKT96, TTY99, Tsa97b]. **Integration** [BWXF05, KSD04, KASD07, SD13].
integrity [NT14]. **Intel** [ARB⁺02, CCW⁺11, GHG⁺98, PDP⁺13, RMV22, SCD⁺15]. **Intel-x86** [RMV22].
intensity [BD06]. **Intensive** [LK20, TKA⁺01, AAKK08, TKA⁺02, YSY⁺09].
Interaction [Hei03, HF96, Pan99].
Interactions [WG94, WSKS97].
Interactive [FURM00c, PTMB09, SSB⁺22, WOKH96, CSB00, FURM00a, FURM00b, HJT⁺93, KG07, Lan97, MCS15, Tem97].
Interconnection [NGGA94, RR93, SMK10].
Interface [Chl15a, HBG01, HTDL18, KKDV03, MS89, Met95, PS01, SW97, Ada98, DLM99, HBG02, Li05, MQW95, MS87, MEG94, TNB⁺95, FGT96].
Interfaces [Han97, HF96, LG04].
Interference [BTL⁺19]. **Interleaving** [LGH94, YN09]. **Intermediate** [McC97a].
Internals [MM01, Wea08]. **International** [ACM92, ACM94c, ACM94d, ACM95a, ACM96, ACM98c, Ano91, Ano94a, Ano94d, Ano00a, Ano03, AOV⁺99, Cha05, EV01, Hol12, Hon94, Lak96, LCK11, Wat91, FR95].
Internationalization [Ano98b]. **Internet** [Ano96, Hig97, SBB96, van95].
Interoperability [DHR⁺01, Way95].
interplay [MLS15]. **Interpretation** [GH03, LG04]. **interpreter** [OCT14].
Interprocedural [NR06]. **Interprocess** [Rod94]. **Interrupts** [KE95]. **Interval** [AN22, Kub15]. **Intra** [MKR10].
Intra-application [MKR10]. **Introducing** [GL07]. **Introduction** [CLRS09, Dra96, GGB93a, GJ97, Mas99, Bir89, GC92, Hay93, She98]. **Intrusive** [Caz02]. **INUX** [DNR00]. **invasive** [RGK99]. **Inverse** [HMLB16, GEG07].
inverses [GE08]. **inversion** [JCP17].
Invocation [SKK⁺01]. **IPC** [EE14, Koo93].
IPs [Sch17]. **iReplayer** [LSW⁺18].
IRREGULAR [FR95, FF20, TSV12, ZAK01, TP18].
irregularly [FR95]. **ISA** [KTR⁺04, MNU⁺15]. **ISCOPE** [ACM01].
Isolating [CZ02, JWTG11]. **Isolation** [FSPE20, CMX10, MTC⁺07, SKBY07].
Isomigration [ABNP00]. **ISSAC** [ACM94c, Lak96, Wat91]. **Issue** [KU00, RYSN04, Ano94e, GGB93b, TEE⁺96].
Issues [GMB93, PS01, ARvW03, Ann96, GC92, HCD⁺94, IAD⁺94, TCG95]. **Issuing** [HMNN91, HKN⁺92, HMN⁺92]. **Itanium** [MB05, WCW⁺04b, WCW⁺04c, WCW⁺04d].
Itanium-2 [WCW⁺04b, WCW⁺04c, WCW⁺04d].
Itemset [WLT19]. **iterations** [UZU00].
Iterative [MQ07, Nak03, AAC⁺15].
iThreads [BFA⁺15]. **IUknown** [SW97].
Ivan [Ano00c]. **IXP** [ARB⁺02, LCH⁺08].
IXP2800 [AHW02].
J.UCS [KU00]. **January** [ACM94b, ACM95b, ACM98b, Ano90, USE89, USE91b, USE93b, ACM93a]. **Japan**

[Ano91, Ano00a, Ano03]. **JaRec** [Chr01, GCRD04]. **Jason** [Ano00c]. **Java** [ACM98a, ACM01, Ano97a, USE01, AFF06, ÁMdBdRS02, AddS03, ÁdBdRS05, ÁdBdRS08, Ait96, Ano96, Ano97c, Ano98b, ABH⁺00, ABH⁺01, A⁺01, AG96, ACR01, ABG⁺08, BZ07, Ber96b, BVG97, BAD⁺09, BR15, BPSH05, BHK⁺04, BS00, Bra97, BP05, BLPV04, Cal02, CV98, CKRW97a, CKRW97b, CKRW99, CWHB03, CC04, CCH11, Chr01, CT00, Co02, Cor00, Cri98b, Cri98a, DJLP10, DH98, DRV02, DLZ⁺13, DS09, Dil00, DGK⁺03, Dra96, DHR⁺01, Dye98, EFN⁺01, EFN⁺02, EFG⁺03, EQT07, FSS06, FWL03, Fek08, Fer13, FFLQ08, GH03, GCRD04, GS00, GEG07, GE08, GLC99, Hag02, Ham96, Hei03, Hol98d, Hol98a, Hol98b, Hol98c, Hol99a, Hol99b, Hol00, Hyd00, KPPÉR06, KBP⁺03, LB00, LCS04, Loc18, Loe97, Man96, MP01, McM96a, McM96b, McM96c, McM98b, McM97, Mit96, MC06, NAW06]. **Java** [NM10, NR06, Nev99, OW97, OW99, PSM01, PSM03, PRB07, Pet03, PUF⁺04, PV06, PG03, RKCW98, San04, SE12, Sat02, Sch14, Sho97a, Sho97b, SBE⁺19, Sto02, SMP19, SKP⁺02, Van97a, Ven97, Ver97, WN10, Whi03, XSaJ08, Xue12, Yan02, van95]. **Java-like** [DJLP10]. **JavaBeans** [Van97b]. **javarr** [BVG97]. **JavaScript** [PCM16, VP16]. **Javier** [Ano00c]. **Jersey** [MT93]. **JIT** [McM97]. **job** [EE10, EE12, ST00a]. **Jobscheduling** [ST00c, ST00b, STV02]. **John** [Ano00c]. **Joho** [Ano03]. **join** [ALS10, GK05]. **Joint** [FTP11, KS21]. **Jones** [Ano00c]. **Jorgenson** [Ano00c]. **Jose** [ACM94d]. **Journeyman** [Bec00]. **JPF** [WKG17]. **JPR** [WKG17]. **Jr** [ACM99b]. **Julia** [BB20, Kno14, Sen19]. **July** [ACM92, ACM94c, ACM95a, ACM98c, EV01, IEE96, Lak96, Ass96, USE96, Wat91]. **June** [ACM94a, ACM98c, ACM01, Ano94f, USE92a, USE00a]. **JUnit** [Goe01]. **just** [KBF⁺12]. **just-in-time** [KBF⁺12]. **JVM** [Lan02, McM97, USE01, WKG17].

K-Java [BR15]. **KAI** [Ano98b]. **Kaikan** [Ano00a]. **Karlsruhe** [RM03]. **Kaspersky** [Ano00b]. **Kendo** [OAA09]. **Kernel** [Alf94, ABLL92, Bal02, DNR00, EBKG01, EKB⁺92, Kor89, MM01, MSFC21, ZSA13, Ano95a, Ano95b, BF08, JJ91, MP89, SS95]. **Kernel-Based** [Alf94]. **Kernels** [KI17, dlPRGB99, GLC99]. **Kiel** [LvH12]. **Kikai** [Ano00a]. **Kikai-Shinko-Kaikan** [Ano00a]. **kinds** [San04]. **kinematical** [BD06]. **Kinematics** [HMLB16]. **King** [ACM99b]. **Kingdom** [ACM94c]. **Kitsune** [HSD⁺12, HSS⁺14]. **Klessydra** [CSM⁺21]. **Klessydra-T** [CSM⁺21]. **Knoxville** [IEE94b]. **Kroll** [Ano00c]. **KUMP** [NTKA99]. **KUMP** / [NTKA99].

L [DNR00, GBB⁺05]. **L1** [PHBC18]. **L2** [SLP08]. **L2-miss-driven** [SLP08]. **L3** [FJ08]. **Lab** [Ano00b]. **labeling** [D⁺H92]. **Lafayette** [EV01]. **Lake** [Hol12]. **lambda** [ORH93]. **Laminar** [PBR⁺15, RPB⁺09]. **LAN** [Yas95]. **LAN/WAN** [Yas95]. **Landing** [TAK⁺00]. **Language** [ACM94a, ACM99a, ACMA97, BS06, FLR98, GS06, KN17, Kno14, KIAT99, Sat02, BO96, CFK⁺91, ECX⁺12, GPS14, Jon86, KN19, LT97, Man96, Mil95, Ong97, PRB07, RL14, SV98, Smi06, TMAG03, VGR06]. **Languages** [ACM93a, ACM94b, ACM94d, ACM95b, ACM98b, Co095, MSM⁺16, NPT98, OTY00, SCv91a, SS96, TY97, DMBM16, HL93, JP92, JHM04, MSM⁺10, Sch91, SCv91b, ST98, TAN04]. **LAPACK** [ARvW03]. **Laptops** [Ano00c]. **Large** [AOV⁺99, CC14, CJW⁺15, GN92, JLA16, JCP17, LA93, Rót19, SKV21, BCM⁺07, Boo93, GOT03, Koo93, SMK10, WCV⁺98]. **Large-Scale** [CC14, CJW⁺15, LA93, SKV21, BCM⁺07, GOT03, SMK10]. **Latencies** [Sch17, BS06]. **Latency** [BD00, BAZ⁺19, Fan93, ÖCS01, PFP⁺22,

SW08, Smi01, SKK⁺01, WWW⁺02, YLLS16, ASSS19, BR92, DC99, DC00, Jef94, Luk01, MVY05, PG01, TK98]. **Latency-Critical** [PFP⁺22]. **Latency-directed** [Fan93]. **Latency-Resistant** [YLLS16]. **latency-sensitive** [ASSS19, DC99, DC00]. **Latency-Tolerant** [ÖCS01]. **lattice** [SKG⁺11]. **Law** [Gar01, NZ17, CN14]. **Layer** [SHK15, CDD⁺10]. **layers** [GSK⁺18]. **layout** [DZKS12, HB15]. **Lazy** [GSC96, Gol97, ITF⁺22, LP94]. **LB4OMP** [KEMC22]. **LCMT** [LKBK11]. **leadfoot** [HHPV15]. **Leakage** [Mus09, SYHL14]. **Leakage-saving** [Mus09]. **leaks** [ZJS⁺11]. **Learned** [HPA⁺15]. **Learning** [CmL19a, CYYL18, DS16, LPM17, ROA14, GB20, PWWD18]. **learning-based** [GB20]. **least** [FTAB14]. **least-squares** [FTAB14]. **lecture** [Egg10]. **Lenient** [SCv91a, Sch91, SCv91b]. **Lepp** [RRMJ12]. **Lepp-bisection** [RRMJ12]. **Lessons** [RM03, HPA⁺15]. **Letters** [DHR⁺01, TLA⁺02]. **letting** [AC09]. **Level** [ABLL92, BBC⁺00, CFC⁺22, FURM00c, GP95, HTDL18, JYE⁺16, JLS99, DK02, KSU94, LS11, LEL⁺97a, LEL⁺97b, MG99, MR94, MGI14, MCS⁺22, PLT⁺15, RR93, Ric99, Sch17, SLT03, YBL16, BBH⁺17, CCC12, DG99, EE09a, FF20, FURM00a, FURM00b, GMW09, GPS14, GRR06, HDT⁺13, JEV04, KDM⁺98, KVN⁺09, KC09, Lan97, LGN92, LZ07, MSLM91, MT02a, MT02b, MT02c, MQW95, MCFT99, OT95, OCRS07, PO03, PT03, QOQOV⁺09, RGT17, STY99, SD13, SLT02, SCZM00, Tem97, WS08, YZYL07, YZ14, ZJS⁺11]. **Level-2** [Ric99]. **Leveraging** [PRS14, AU21]. **LFTHEADS** [GP08]. **Libraries** [Ano00c, BCR01, CGS⁺20, GF00, Jon91, MLGW18, MM14, ARvW03, CBM10]. **Library** [Ano98b, ABN00, BFA⁺15, CGR92, EHG95, Gib94, GHG⁺98, Kem02, KEMC22, Man91, Rót19, WN10, Yas95, Ada98, Boe05, CS00, GP08, GOT03, Mix94, Ong97, TB97a, TB97b, Yam96, Lev97]. **life** [KU17]. **Light** [IXS19, Way95, LZTZ15]. **Light-Weight** [IXS19, Way95]. **Lightweight** [AGN09, Col90b, Don02, Est93, Fin95, Hai97b, SLJ⁺18, CASA14, Hai97a, LVN10, MMN09, MEG94, VACG09, WSKS97, LKBK11]. **like** [DJLP10, Jon86, VV11, Kor89]. **limit** [ROA14]. **limitations** [Gal94, HL08]. **limited** [Bri89]. **Limits** [LB95, LB96b, AAKK08]. **Line** [Ano00c, FSPD16, FdL02]. **Linear** [KLDB09, Loe97, MR09, AAC⁺15, Bak95a, ÇM20, MM07, YSY⁺09]. **Link** [Ano00b]. **Linked** [WJ12]. **links** [WW96]. **LinkScan** [Ano00b]. **LINQits** [CDL13]. **Lint** [Kor89]. **Lint-like** [Kor89]. **Linux** [Ano97a, Ano00b, Ano00c, Ano97a, RGK99, SKP⁺02, WTKW08, ZSA13]. **Linux/AXP** [Ano97a]. **Linux/FreeBSD** [Ano00b]. **Linz** [Hon94]. **liquid** [KRBJ12]. **Lisp** [Nor90]. **List** [DV99, WJ12, VV00]. **LiteRace** [MMN09]. **little** [CDL13]. **liveness** [BMTZ21, GMR09]. **LLCs** [PBL⁺17]. **Load** [HBTG98, HR10, KMAG01, KC98, KEMC22, KRH98, PGB16, VPQ12, WYT⁺20, Chr95a, Chr95b, Chr96, MKIO04, TKHG04]. **load-adaptive** [TKHG04]. **Load-Balancing** [KC98, PGB16, Chr96]. **Load-Load** [HR10]. **Loadable** [ZSA13]. **Loading** [PCM16]. **Local** [DGK⁺03, IEE95, Whi03, ZWGX22, HZD13, LTMK21, RWT21, ZLW⁺16]. **localities** [CS95a, CS95b]. **Locality** [BS96, CCWY17, PEA⁺96, TKK21, Wei98b, HWW93, LK13, PSG06a, PSG06b, PSG06c, Sin99, SD95]. **locality-cognizant** [LK13]. **Localization** [OB13]. **Location** [USE93a, KKT⁺18]. **Location-Independent** [USE93a]. **Lock** [ALB⁺18, EFJM07, MNU⁺15, NM10, PGB14, AR19, CS12, GP08, MLS15, MCRS10, Mic04, ST05, TMCP10, ZLW⁺16]. **lock-free** [AR19, GP08, MLS15, Mic04, ST05]. **Lock_manager** [Hol98b]. **Locking**

[Bal02, LDT⁺16, AFF06, Lie94, MMTW10, RWT21, RD06, ZLW⁺16]. **Locks** [ACR01, ALS10, MT93, OCT14]. **LOCKSMITH** [PFH06]. **LOGFLOW** [NTKA99]. **Logic** [Bre02, KI17, TAN04, BK13]. **Logic-Centric** [Bre02]. **Logical** [CR02]. **LOIS** [KT17]. **Long** [CmL21]. **Long-Term** [CmL21]. **longer** [XHB06]. **Longest** [BVP⁺19]. **LOOG** [IXS19]. **Looking** [ECX⁺12]. **lookup** [KNPS16]. **Loop** [BB20, RLJ⁺09, SSP99, JMS⁺10, KVN⁺09, UZU00]. **loop-level** [KVN⁺09]. **loops** [D⁺H92, FN17]. **Low** [ABLM19, Ano00a, Ano03, BGH⁺12, PHBC18, RGT17, SM19, TCF22, ZHCB15, GPS14, PPGS20, RRP06]. **Low-level** [RGT17, GPS14]. **Low-order** [TCF22]. **Low-overhead** [ZHCB15, RRP06]. **Low-Power** [Ano00a, Ano03, BGH⁺12, PHBC18, SM19]. **Low-Rank** [ABLM19]. **LPVM** [ZG98]. **LRU** [CmL21]. **Ltd** [Ano00b]. **lunch** [DTLM14]. **Luther** [ACM99b]. **LXM** [SV21]. **Lyon** [FR95].

M [Ano00c, USE01, FKD⁺97, MSU⁺16]. **M-Machine** [FKD⁺97]. **MA** [Ano94f]. **Mach** [USE91a, CB89, CB90, Hol99b, Koo93, MRGB91, RBF⁺89]. **Machine** [Ama89, CmL19a, CSS⁺91b, DS16, FKD⁺97, KA97, KKDV03, Laf00, LPM17, USE01, CSS⁺91a, CSS⁺91c, DLM99, Gle91, MEG94, Ném00, Pra95c, SKS⁺92, Ven97, CGSV93, Evr01, PRB07]. **Machines** [BSSS14, CYYL18, Den94, GH98, GBK⁺09, RCRH95, STY99, BBM09, DKF94, GKZ12, GC92, Kus15, MRG17, TSY99, TSY00, VPQ12]. **macromolecular** [ABC⁺15]. **Made** [Har99]. **Magiclock** [CC14]. **main** [AKSD16, BBH⁺17, ZTN19]. **main-memory** [ZTN19]. **maintenance** [TNB⁺95]. **Major** [PFP⁺22]. **makes** [Van97a]. **Making** [BDLM07, LFA96, Low00, Pla93, PLT⁺15, YCW⁺14]. **malloc** [Kus15]. **Mambo** [WZWS08]. **MAMPO** [GJ11]. **managed** [WLG⁺14]. **Management** [ALB⁺18, ABL192, GMGZP14, HC17, HRH08, KG94, LG06, LLS06, RSBN01, STY99, VCM19, ZP11, Bak95a, BM91, DBRD91, HCD⁺94, ICH⁺10, Jef94, KKH04, RCG⁺10, SS95]. **Manager** [Ano00b, PDMM16, Ply89]. **Managing** [ARA20, Blu92, FGKT97, MVY05, PJZA07, SEP96, VS11b, ROA14, WSKS97]. **MANNA** [HMT⁺96, Sod02]. **manual** [MS87, PO03]. **Many** [FMY⁺15, GBK⁺09, PVS⁺17, PHBC18, VCM19, DTR18, MLCW11, MTPT12, San04, TPZ21]. **Many-Core** [FMY⁺15, GBK⁺09, PVS⁺17, PHBC18, VCM19, DTR18, MLCW11, MTPT12, TPZ21]. **Many-Thread** [GBK⁺09]. **Manycore** [BMF⁺16, KS16, BWDZ15, HFV⁺12]. **Maple** [YNPP12]. **Mapping** [CCK⁺16, HLH16, LBvH06a, LBvH06b, LBvH06c, NTR16, WK08a, WK08c, WK08b]. **Mappings** [Lun97]. **MapReduce** [IXS18]. **Maps** [BC94]. **March** [IEE97, USE92b]. **Mark** [Ano00c]. **Markerless** [LH09]. **Markov** [SBC91]. **Martin** [ACM99b]. **MASA** [HF88]. **Masking** [BAZ⁺19]. **Massachusetts** [USE93a]. **Massive** [EJRB13, OR12, SMZ18, Mus09, RČV⁺10]. **Massively** [BÇG14, KR12, MSU⁺16, TSV12, BS10a, ÇFG⁺12, CDD⁺10, Lu94, NJ00, NPA92, ROA14, RWT21, WT10, WOKH96]. **master** [TJY⁺11]. **master-slave** [TJY⁺11]. **Match** [TKK21]. **Matching** [HPA⁺15, OR12, DGSB20, HFV⁺12, KGPH12]. **Mathematica** [Tam95]. **mathematical** [KI16]. **Matlab** [Ano97c, Bra97]. **Matrices** [But13, SGLGL⁺14]. **Matrix** [NBS⁺15, QOIM⁺12, YFF⁺12, CSV10, DTR18, KS21, QOQOV⁺09]. **matrix-vector** [CSV10, KS21]. **matter** [ZJS10]. **maxflow** [BÇG14]. **Maximal** [HH16, HR16]. **Maximisation** [SC17].

maximize [RCG⁺10]. **Maximizing** [LKBK11, TEL95, TEL98a, TEL98b]. **Maximum** [AT16, HH11, MP13, GJ11]. **May** [ACM93b, ACM96, ACM99a, Cha05, IEE94a, IEE94b, IEE94d, SS96, MMTW10, Pra95c]. **MBTAC** [FRL18]. **MD** [IEE02]. **MDMA** [Spe94]. **measured** [ECX⁺12]. **Measurement** [LLD17, TMC09]. **measurements** [JFL98]. **Measuring** [FMY⁺15, DTLM14]. **Mechanising** [Loc18]. **mechanism** [FD95, GCC15, PWW18, WHJ⁺95]. **Mechanisms** [BB20, KPC96, KC99, SK97, TVB⁺13, Loe05, Men91, PT03]. **Media** [Ano03, Van97a]. **medium** [CDD⁺10]. **Meeting** [DLM99]. **meets** [Tam95]. **Member** [BS99]. **Memories** [HKSL96, KHP⁺95]. **Memory** [ALSJ09, AJK⁺12, BS96, BMBW00b, BD00, BP19, BAZ⁺19, CFC⁺22, CH95, DM98, EJ93, EE09a, FMY⁺15, GMR98, GMGZP14, GH98, HG91, HL07, IXS18, JLA16, KZTK15, KZC15, KKH04, KUCT15, LK20, LSB15, LB92, LB17, LML⁺19, MSM⁺16, MVZ93, MCT08, Nak01, RCC14, Rob03, RCRH95, SCL05, STY99, SLT03, SZ02, TAM⁺08, Thr99, TCF22, Tro18, VCM19, Ver96, WJA⁺19, WC99, XWG⁺14, YMR93b, ZM07, ZLJ16, ATLM⁺06, AKSD16, AAKK08, BS06, BGDmWH12, BCG⁺95, BMTZ21, BBH⁺17, BMBW00a, BMBW00c, BLM06, BDLM07, BA08, BB00, Boo93, BAM07, CMF⁺13, Cha05, Cho93, CNV⁺06, DLZ⁺13, DLCO09, DPZ97, EKKL90, EV01, FF10, GCC15, Gle91, GL98a, GS00, GKK09, HB92, HWW93, HG92, HHPV15, ISS98, KFG15, Luk01, MLS15, MCRS10, MSM⁺10, MLC04, MMTW10, MTS10, Mic04, MTC⁺07]. **memory** [MVY05, NPC06, NAAL01, OCT14, RMV22, RWT21, SLT02, TSY99, TSY00, TPZ21, TVD10, TVD14, VTSL12, WK08a, WK08b, WK08c, XHB06, YMR93a, YSY⁺09, YN09, kSYHX⁺11, ZKW15, ZHCB15, ZTN19]. **Memory-Divergent** [WJA⁺19]. **memory-intensive** [YSY⁺09]. **Memory-level** [EE09a]. **Memory-safe** [Tro18]. **Memristor** [KNE⁺14]. **Memristor-Based** [KNE⁺14]. **MemSAT** [TVD10]. **mergesort** [AL21]. **Merlot** [MTN⁺00]. **mesh** [ABC⁺09, Mus09]. **mesh-based** [Mus09]. **Meshes** [HBTG98, Lep95]. **Message** [BWXF05, HLB94, KKDV03, PH97, Ada98, BCM⁺07, DLM99, FM92, Met95, PRS14, SCM05, FGT96, PS01]. **message-handling** [Met95]. **message-passing** [BCM⁺07, FM92]. **messages** [Koo93, SD95, WHJ⁺95]. **meta** [FKS⁺12]. **meta-scheduler** [FKS⁺12]. **Metering** [LMA⁺16]. **Method** [CYYL18, LPK16, LHG⁺16, MAF19, SKG⁺11]. **Methodology** [Sri95]. **Methods** [CMK00, FGKT97]. **Methylation** [LZL⁺20]. **Metrics** [EE14, VS11a]. **Metro** [Ano00b]. **Metro-X** [Ano00b]. **Mexico** [Ano94e, Gol94]. **MFC** [Oni97]. **MICE** [BK96]. **Michael** [Yam96]. **Michigan** [Ano94d]. **Micro** [Mat97]. **Microarchitectural** [FMY⁺15, LS11, WHG07]. **Microarchitecture** [KM03, AMPH09, LSF⁺07, Wil98]. **Microarray** [GAC14]. **microbenchmark** [BO01]. **Microbenchmarking** [FMY⁺15]. **Microcontroller** [BP05, PUF⁺04, KBP⁺03]. **microkernel** [BO96]. **Microprocessor** [KE15, SU96, Aru92, CJB⁺15, Gul95]. **Microprocessors** [Gep00, KET06b, CGL92a, CGL92b, HL07, RCG⁺10]. **microthreading** [CSK⁺99]. **microthreads** [CTYP02]. **Mid** [MSFC21]. **Mid-Kernel** [MSFC21]. **Middleware** [RBPM00, KBH⁺03]. **Migrant** [MR98]. **Migrating** [PG92, BDF98]. **Migration** [ABN99, Sat02, WG99, CWS06, CSM⁺05, HWW93, ISS98, Pha91]. **migrations**

[PGB14]. **MIMD** [FSYA09, Gle91]. **MiMPI** [GCC99]. **Min** [JEV04]. **Min-cut** [JEV04]. **Minimal** [BMR94, CSS+91b, IMMP20, Lun97, TY97, CSS+91a, CSS+91c]. **Minimizing** [SPDLK+17]. **Mining** [OB13, WLT19, GBP+07]. **Mining-Based** [OB13]. **Minneapolis** [IEE92, IEE95]. **Minnesota** [IEE92, IEE95]. **MIPS** [Aru92, Swe07]. **miss** [SLP08]. **mitigate** [ASSS19]. **Mitigating** [EPAG16, OdSSP12]. **Mitigation** [PHBC18, AU21]. **Mitosis** [MGQS+08]. **Mix** [TKK21]. **Mixed** [XIC12]. **mixture** [SC17]. **ML** [BCL+98, DL93, MT93]. **Mobile** [BDF98, USE93a, APX12]. **Mobility** [CWHB03, BHK+04, SJ95]. **mode** [AR19, FRL18]. **mode-directed** [AR19]. **Model** [AHK08, ACMA97, CC18, Chl15b, CSV10, CBN+00, DTLW16, Di100, ES97, FG91, Gao93, Loc18, MSM+16, ND16, SAC+98, Sto02, TESK06, VK99, WC99, AAJ+19, ABG+08, BA08, BMV03, CNQ13, Car89a, CYZ98, Chr95a, Chr95b, Chr96, DLZ+13, Di193, DSH+10, DC07, GKZ12, JPS+08, JD08, LZW+13, MSM+10, MQ08, PAdS+17, PG03, RSB+09, Stä05, TMAG03]. **Model-Checking** [ES97, Sto02]. **Model-driven** [CSV10, RSB+09]. **Modeling** [KMjC02, KE15, PPG11, Rót19, TAM+08, WJA+19, AMC+03, AG21, CIM+17, DKF94, EE10, EE12, Mao96, SBC91, Squ94, TR14]. **Models** [CMK00, CH95, Den94, HYY+15, KZC15, Kim14, KW17, LB17, ROPdIT22, ST98, VT96, BAM07, But14, Cho93, Cor00, Gil94, SC17, TVD10, VDBN98, XIC12, ZKW15]. **Modern** [DFC+19, GK05, GBP+07, HL07, NJK16, ZJS10]. **modes** [WZWS08]. **Modular** [Chl15a, FQS02, FFQS05, JBK18, Kuc92, NT14, SZM+13, FK12, GBCS07, MJF+10, ZSJ06]. **modularity** [LK15]. **Module** [ALSJ09, ZSA13]. **modulo** [LQ15]. **Molecular** [LNI+19, MAF19]. **monad** [FKS+12]. **monadic** [LZ07]. **Monitoring** [BBFW02, BBFW03, DJLP10, MC06, NFBB17, VGK+10a, VGK+10b]. **Monitors** [Bec01, SS91, KPPER06]. **Monsoon** [NCA93]. **Monte** [LTMK21]. **Montecito** [MB05]. **Monterey** [USE91a, Ass96, USE96, USE01]. **Mosaic** [Ano94d]. **Most** [PLT+15]. **mostly** [BBYG+05]. **Motifs** [LZL+20]. **Moving** [Ait96, Sim97]. **MP** [Pea92, TTY99]. **MPD** [PHK91]. **MPEG** [BC00]. **MPI** [PS01, Vre04, Ada98, ALW+15, ALB+18, BBG+10, BK96, BBC+00, BRM03, CRE99, DSG17, HD02, DLM99, FGT96, GCC99, IEE96, LPD+11, MS02, Pla02, SCB15, STY99, SPH96, TSY99, TSY00, TG09]. **MPI-based** [Ada98]. **MPI-OpenMP** [MS02]. **MpSoCs** [GPB+17]. **MrBayes** [LHG+16]. **MS** [Wil94a, Wil94b]. **MS-DOS** [Wil94a, Wil94b]. **MSFV** [HHOM91, HHOM92]. **MSparc** [MN00, MD96]. **MT** [EC98, TJY+11]. **MT-BTRIMER** [TJY+11]. **MTA** [Mat97, Smi01]. **MTAC** [For97]. **MTB** [AGJ18]. **MTB-Fetch** [AGJ18]. **Mth** [MKM17]. **MTraceCheck** [LB17]. **MTS** [Gal94]. **MUCH** [WLM15]. **MulTEP** [WM03]. **Multi** [Ada98, AMRR98, AACK92, AGK96, AN22, AR19, ABN00, BC98, Bed91, BBH+17, BC00, BGK94a, BGK94b, BGK96, CV98, CL95, CKRW99, CWHB03, CdOS01, CCC12, CCK+16, CC18, CvdBC18, CFC+22, cC91, Chr01, CR02, Co095, CNZS17, DV99, DS16, DTLW16, EBKG01, FMY+15, FNS+22, FD96, FdL02, FF20, FJ08, GVT+17, GK94, Gil93, GS06, GH98, HC17, HG91, IXS18, ITF+22, III01, JY15, Jon91, JLS99, KI95, KW17, Kno14, KRH98, Kuc92, KTR+04, LK15, LK20, LB92, Leg01, LKKB11, LZL+20, MLGW18, MNU+15, Mas99, MTN+00, McC97a, McC97b, MS15, MP13, MG15, MCS+22, MCFT99, MGK+00, Myl22, Nag21, NJ00, OR12, PCPS15, PTMB09, PWWD18, PKB+91, PM14, Pul00,

PGB16, RR93, RCC14, RBPM00, RKCW98, RVR04, RS08, SV19, SP00a, STW93, Sch90]. **Multi** [SKG⁺¹¹, SMZ18, Sei98, Sei99, Smi92, Ste01, SBKK99, TGO99, Tan87, TCS20, Tra91, TCF22, TLGM17, VSDK09, VS11a, VB00, VCM19, VK99, Wal00, YDLW20, YLLS16, AG21, ABD⁺¹², ASSS19, BWDZ15, Bak95a, BK13, BM07, BIK⁺¹¹, DSEE13, CNQ13, CIM⁺¹⁷, ÇFG⁺¹², CASA14, CKRW97a, CKRW97b, CSB00, CYZ98, CL00, CSM⁺⁰⁵, DWYB10, Don92, DGSB20, EFG⁺⁰³, EHSU07, FTAB14, FWL03, FGG14, GCRD04, GCC15, GPR11, HLGD19, JCP17, KHP⁺⁹⁵, KDM⁺⁹⁸, KKH04, KD22, Kep03, Küc91, KBF⁺¹², Lan97, LBvH06a, LBvH06b, LBvH06c, LVA⁺¹³, LZW⁺¹³, MLCW11, MLC⁺⁰⁹, MS03, MKK99, Mus09, NFBB17, NH09, NSH14, OA08a, OA08b, OA08c, PYP⁺¹⁰, PMCP22, RČV⁺¹⁰, RGT17, RKM^{+10a}, RKM^{+10b}, RGK99, SCB15, Sam99, SC17, SE12, SV98, Smi06, Sto02, SQP08a, SQP08b, SQP08c, SMQP09, ST05, Tem97]. **multi** [TCG95, TMAG03, TJY⁺¹¹, VIA⁺⁰⁵, VDBN98, VV00, VPQ12, WCC⁺⁰⁷, WCV⁺⁹⁸, YZ07, Yan97, Yee20, YSY⁺⁰⁹, YN09, kSYHX⁺¹¹, YKL13, ZKR⁺¹¹, dB09, vPG03, Ano97b, CH04, Mix94]. **Multi-ALU** [KDM⁺⁹⁸]. **Multi-C** [Mix94]. **multi-context** [Yan97]. **Multi-Core** [CC18, CvdBC18, FJ08, IXS18, KTR⁺⁰⁴, MNU⁺¹⁵, PM14, TCF22, ÇFG⁺¹², CSM⁺⁰⁵, DWYB10, KBF⁺¹², MLC⁺⁰⁹, Mus09, RGT17, SMQP09, WCC⁺⁰⁷, YZ07]. **Multi-Cores** [CCK⁺¹⁶]. **Multi-CPU** [PGB16]. **Multi-dimensional** [AR19]. **multi-engine** [CNQ13]. **Multi-Interval** [AN22]. **Multi-Level** [RR93, CCC12]. **Multi-Level-Context** [JLS99]. **multi-physics** [AG21]. **multi-process** [WCV⁺⁹⁸]. **Multi-Processing** [MLGW18]. **Multi-Processor** [SV19, VIA⁺⁰⁵, YN09]. **Multi-protocol** [ABN00]. **Multi-shift** [Myl22]. **Multi-Tasking** [CvdBC18]. **Multi-Thread** [HG91, LZL⁺²⁰, MTN⁺⁰⁰, AMRR98, PKB⁺⁹¹, SKG⁺¹¹, Tan87, Tra91, DWYB10, Don92, ST05, TCG95]. **Multi-Threaded** [AGK96, BC98, Bed91, BGK94a, BGK94b, BGK96, CL95, CKRW99, CFC⁺²², Co095, DV99, FdL02, GVT⁺¹⁷, GK94, Gil93, III01, JY15, Jon91, KW17, Kuc92, LK20, LB92, Mas99, MG15, MCS⁺²², MGK⁺⁰⁰, PCPS15, Pul00, RKCW98, SV19, STW93, Sei99, Smi92, Ste01, SBKK99, TLGM17, VSDK09, VS11a, VB00, VCM19, YDLW20, Ada98, AACK92, BBH⁺¹⁷, BC00, CV98, CWHB03, CdOS01, cC91, Chr01, CR02, DS16, EBKG01, FD96, FF20, GS06, GH98, HC17, ITF⁺²², KI95, KRH98, LK15, Leg01, PWWD18, RBPM00, RS08, SP00a, Sei98, VK99, Wal00, AG21, ABD⁺¹², ASSS19, BWDZ15, BK13, BIK⁺¹¹, DSEE13, CIM⁺¹⁷, CASA14, CKRW97a, CKRW97b, CSB00, CYZ98, CL00, DGSB20, EFG⁺⁰³, EHSU07, FTAB14, FGG14, GCRD04, GCC15, GPR11, HLGD19, JCP17]. **multi-threaded** [KHP⁺⁹⁵, KKH04, Kep03, Küc91, Lan97, LBvH06a, LBvH06b, LBvH06c, LVA⁺¹³, MLCW11, MS03, MKK99, NFBB17, NH09, NSH14, OA08a, OA08b, OA08c, PYP⁺¹⁰, PMCP22, RČV⁺¹⁰, RKM^{+10a}, RKM^{+10b}, RGK99, SCB15, Sam99, SC17, SE12, SV98, Smi06, Sto02, SQP08a, SQP08b, SQP08c, Taf13, Tem97, TMAG03, TJY⁺¹¹, VV00, Yee20, YSY⁺⁰⁹, ZKR⁺¹¹, dB09, vPG03, Ano97b]. **Multi-Threading** [CvdBC18, CNZS17, FNS⁺²², LKBBK11, MLGW18, McC97a, McC97b, MS15, MP13, Nag21, OR12, PTMB09, RCC14, Sch90, SMZ18, TGO99, TCS20, YLLS16, DTLW16, Kno14, MCFT99, NJ00, RVR04, Bak95a, BM07, FWL03, KD22, LZW⁺¹³, MLC⁺⁰⁹, VDBN98, kSYHX⁺¹¹, YKL13, CH04]. **multiagent** [Bar09]. **Multicomputer** [FKD⁺⁹⁷]. **multicomputers** [BCG⁺⁹⁵].

Multicore [ALSJ09, ABLM19, BCZY16, CCH11, CB16, DVAE18, FSPE20, GJ11, HEMK17, KLDB09, LS11, LMA⁺16, LYH16, LDT⁺16, MR09, NBMM12, PGB16, RCM⁺16, RRK11, SLJ⁺18, SHK15, SMD⁺10, THA⁺12, ZBS15, CNQ13, CN14, CMX10, LK13, LLLC15, NZ17, RCG⁺10, RKBH11, SCCP13, SE12, ZSB⁺12, ZTN19]. **Multicore/Multithreaded** [RCM⁺16]. **Multicores** [FSPD16, FSPD17, Ger18, RKK15, DTK⁺15, GARH14, SSN10]. **Multifrontal** [ABLM19, But13, Dav11]. **Multigrain** [AZG17]. **Multigrid** [SSK⁺18, RM99]. **Multilevel** [PPG11, Cat94, JJY⁺03, LK15]. **Multimedia** [Spe94, Est93, Gol96]. **multimethod** [FGT96]. **MultiMotifMaker** [LZL⁺20]. **Multiple** [CB16, FGKT97, HW92, HKT93, NTR16, OR12, CS95a, CS95b, FD95, HKN⁺92, LT97, TE94b, TFG10, TAN04, WCT98]. **multiple-context** [FD95]. **multiplication** [DTR18, KS21]. **multiply** [CSV10]. **Multiprocessing** [EKB⁺92, Len95, NV94, Wal95, DLCO09, MT93, Pra95b, RGK99]. **Multiprocessor** [AACK92, AKP99, BC00, Cat94, EHG95, GHG⁺98, HN91, KMAG01, MCT08, Pre90, PPG11, SZ92, SEP96, USE92b, WC99, Zub02, Cho93, DCK07, EKKL90, HB92, KT99, LVN10, LWV⁺10, PJZA07, Ano94b]. **multiprocessor/multithreaded** [Cat94]. **MultiProcessors** [BMV03, AGJ18, BS96, BL96, BLG01, CH95, GMR98, KU00, KKS⁺08, LS07, LMJ14, LPM17, LA93, MVZ93, MKC97, NS97, TESK06, YMR93b, BR92, GA09, HT14, LGH94, Mao96, Men91, MWK⁺06, QSQ14, SMK10, Sha98, SKKC09, TAS07, Yoo96b, YMR93a]. **Multiprogram** [EE14]. **Multiprogrammed** [MVZ93, TSY99, WXAL22]. **Multiprogramming** [BHP⁺03, JJ91, CGL92a, CGL92b]. **MultiRace** [PS07]. **Multistring** [BVP⁺19]. **Multitasking** [Col90b, Gib94, Gon90, JJ91]. **Multithread** [BVP⁺19, LCS04, RRMJ12, SSB⁺22, SYHL14, CS95a, CS95b, DSH⁺10, GCC99, JD08, SWYC94, ZG98, Zig96]. **multithread-safe** [GCC99]. **Multithreaded** [AddS03, AdBdRS08, ABC⁺93, AT16, Ama98, ALB⁺18, Ano92a, Ano92b, Ano94e, Ano94g, Ano98a, Ano98b, Ano01, ABH⁺00, ABH⁺01, AB01, AB02, AG96, AZG17, ACMA97, ABN00, AKP99, Bal02, BBFW02, BCR01, BBdH⁺11, BVL09, BKI06, BMBW00b, BF04, BJK⁺96, BL98, BB00, BMN99, BDN02, BP05, BLG01, BTE98, BNH01, BD06, BGH⁺12, BBSG11, BH95, CC14, CJW⁺15, CS02, CmL19a, CmL19b, CGK06, CC04, CSM⁺21, Chl15a, CH95, Chr95a, Chr95b, Chr96, CT00, CW98, CBN⁺00, CMBAN08, Dan09, DNR00, DVAE18, DH98, DRV02, DTR18, DO95, EFN⁺01, EFN⁺02, EJRB13, EHP⁺07, EC98, EGP14, FSS06, FT96, FS96, FTP11, FNA⁺18, FQS02, For97, FLR98, GGB93a, GRS97, GMR98, Goo97, GN00, GN92, HPA⁺15, HMLB16, HTZ⁺97, HMNN91, HHOM91, HHOM92, HLB94, HH11, HWZ00]. **Multithreaded** [HPB11, HYY⁺15, Hud96, HMT⁺96, I⁺94, JBK18, JYE⁺16, JSB⁺12, KA97, KKW14, KMAG01, KST04, KML04, KC98, KC99, KMjC02, KR12, KU00, KE15, KG94, Kim14, KU17, KAO05, KEMC22, Kor89, KTR⁺04, LS07, LG06, LH09, LG04, LB96a, LB98, LB00, LLS06, LvH12, LTMK21, LTM⁺17, LYH16, LPE⁺99, Loc18, Loe97, Lun97, Lun99, MGQS⁺08, MP01, MAG21, MS89, MB99, MD96, MAF19, Moo95, Moo96, MR09, Nak01, NPT98, NGGA94, NTKA99, Nik94, OB13, OTY00, PBDO92, PUF⁺04, PG92, PG96, PG99, PF01, PHK91, PFP⁺22, PWL⁺11, PS01, QOIM⁺12, RCM⁺16, RW97, RCC12, REL00b, Rin01, RB18, RNSB96, RSN01, RRK11, RBAA05, RR99, SPDLK⁺17, SRS98, SR14, SBN⁺97, SCD⁺15, SCL05, SAC⁺98, She98, SU96,

SU01, SZM⁺¹³, SGM⁺⁹⁷, SMD⁺¹⁰, SR01b, SSYG97, SKK⁺⁰¹, SKV21, Spe94].

Multithreaded

[Sri95, SZ02, SUF⁺¹², Sut99, TG99, Ten02, TKA⁺⁰¹, TCI98, TT03, TTKG02, TGBS05, TLZ⁺¹⁷, TLZ⁺¹⁸, TJY98, TSV12, URŠ02a, VTSM12, Vol93, VE93, Wan94, WS08, Wea08, WJ12, Wil97, WLM15, WG94, WC99, Yas95, YWJ03, Yoo96a, YMR93b, ZSA13, Zha00, ZJS12, ZBS15, ZP11, ZAK01, Zub02, ÁdBdRS05, ACD⁺¹⁸, Aga89, Aga91, Aga92, ABF⁺¹⁰, ABC⁺¹⁵, AAC⁺¹⁵, ACC⁺⁰³, AGEB08, Ann96, Ano94b, Ano95a, Ano95b, A⁺⁰¹, ABC⁺⁰⁹, AR17, AR19, Aru92, BGDmWH12, BBFW03, BRRS10, BMTZ21, BGZ97, BCHS00, BAD^{+10a}, BAD^{+10b}, BCG13, BGC14, BMBW00a, BMBW00c, BYLN09, Blu92, BL93, BL94, BJK⁺⁹⁵, Blu95, BL99, BS10a, BÇG14, BEKK00, BPSH05, BS10b, BNS11a, BNS11b, BNS12, CZWC13, CS00, CMS03, Car89b, CB89, CB90, ÇFG⁺¹², Cat94, CL94, CN14, CS12, CDD⁺¹⁰, CLL⁺⁰², Cho93].

multithreaded

[Cho92, CDP⁺²¹, ÇM20, CGL92a, CGL92b, CJB⁺¹⁵, DJLP10, DSG17, Dav11, DL93, DKF94, EJK⁺⁹⁶, Eic97, EG11, Est93, Evr01, Fan93, Far96, Fer13, FF04, FFQS05, FF08, FFY08, FRL18, Fuj97, GMW09, Gal94, GJ11, GGB93b, GK05, GPS14, GB20, GL98b, GL98a, Gol96, GRS06, GRR06, GA09, GLC99, HMC97, HFV⁺¹², HF88, HLB90, Hig97, HMN⁺⁹², Hop98, JMS⁺¹⁰, JWTG11, JFL98, JSMP12, JSMP13, Joe96, JSB⁺¹¹, KGPH12, KR01a, KR01b, KNPS16, KS21, KBP⁺⁰³, Kub15, Kus15, LLLC15, Lea96, Lei97, Len95, LGN92, Lev97, LLL10, LCH⁺⁰⁸, LMC14, LSW⁺¹⁸, LBE⁺⁹⁸, LT97, Lu94, Lu95, LC13, Mah11, Mah13, MEG03, MS87, Mil95, Mis96, Mix94, MC06, MKR10, MQ07, NB12, NR06, Ném00, NPA92, ND96, NZ17, Omm04, Par91, PFV03, PJZA07, Pha91, Ply89, PDP⁺¹³, PS03, PS07].

multithreaded

[Pra95c, PT03, PPGS20, RGG⁺¹², RCM⁺¹², Raj93, RCG⁺¹⁰, RHH10, REL00a, REL00c, Rei95, ROA14, Roh95, RWT21, RS07, SBCV90, SBC91, SR01a, SV96c, SV96a, SV96b, Sch98, SRA06, Sha95a, Sha95b, Sha98, She02, SLG06, SP00b, Shi00, SP05, Sim97, ST00a, ST00b, Sod02, SSN10, Squ94, Sri93, Sta90, Sun95, SMS⁺⁰³, TMC09, TMCP10, TPZ21, TR14, TV10, TG09, TP18, TE94a, The95, TKA⁺⁰², TB97a, TB97b, TKHG04, TLZ⁺¹⁶, Tod95, Tsa97a, TDW03, UZU00, VGR06, Ver97, Ver96, VGK^{+10a}, VGK^{+10b}, WS06, WCC⁺⁰⁷, Way95, WT10, XIC12, XSaJ08, Yan02, Yan97, YZYL07, Yoo96b, YM92, YMR93a, YNPP12, ZJS10, ZP04, WM03, LP09].

Multithreading

[ÁMdBdRS02, AH00, AGJ18, Ano99, Ano05, BBG⁺¹⁰, BB20, BWXF05, Bec00, Bee98, BW97, BD00, BL96, BPL07, Bre02, BLPV04, But13, CCH11, CCK⁺¹⁶, Cro98, Dug95, EEL⁺⁹⁷, Eng00, Eng95, Esp96, EKB⁺⁹², FBF01, FKT96, GHG⁺⁹⁸, GV95, Gul95, Gun97, GSL10, Har99, HBTC98, HTDL18, ILFO01, IBST01, KPC96, Kel94a, Kel94b, Kho97, KF97, KNE⁺¹⁴, KLH97, Kwo03, KET06a, KET06b, LPS07, LH94, LEL^{+97a}, LEL^{+97b}, LEL⁺⁹⁹, LRZ16, MB07, Man91, MHG95, MN00, MKC97, Nag01, Oni97, OA19, ÖCS01, PJS15, PT91, PST⁺⁹², Pea92, Pra97, RLJ⁺⁰⁹, RG03, ROPdlT22, RD96, SSP99, SPY⁺⁹³, SW08, SCv91a, SP07, SLG04, SHW19, SRU98, DFC⁺¹⁹, Sin97, Smi01, ST00c, SKA01, TY97, Ten98, TAK⁺⁰⁰, TESK06, VT96, WWW⁺⁰², WCW^{+04a}, Wei97, YG10, ZL10, Zig96, AAHF09, AU21, AAKK08].

multithreading

[ABB⁺¹⁵, BCM⁺⁰⁷, BGG95, BR92, Boo93, CHH⁺⁰³, CCC12, Div95, DN94, Dub95, Dye98, EE09a, FM92, Fis97, Fon97, GWM07, GBG95, Gea98, GEG07, GE08, Gro03, HB92, HCD⁺⁹⁴, Hol98a, HH97, IAD⁺⁹⁴, KIM⁺⁰³, KCCD99, Kim94, KG07, KT99, KLH⁺⁹⁹,

LK13, LGH94, LSS12, LZW17, LZSS19, LB95, LB96b, LZL⁺14, Loi95, LVS01, LZBW14, Luk01, MIGA18, MWP07, Mao96, MKIO04, MGL95, MMM⁺05, McM97, Met95, MKR02, MAAB14, OAA09, Ong97, PSG06a, PSG06b, PSG06c, PG01, PHCR09, PV06, Pra95b, RM00, RB22, RR96, RPNT05, San04, Sch91, SCv91b, Sen19, Sin99, SW16, STV02, Swi09, TK98, TSCH99, TO10, Tsa97b, TEL95, TEE⁺96, Tul96, TEL98a, TEL98b, URŠ02b, URŠ03, VPC02, WLG⁺14, WW93, WCW⁺04b, WCW⁺04c, WCW⁺04d, WXAL22, YCW⁺14, Lar97]. **multithreading-based** [GE08]. **must** [NA07]. **mutable** [HL93]. **Mutex** [Hol98b]. **mutual** [BRE92]. **My** [BVM19]. **Mysteries** [Hol99b].

name [ORH93]. **Nanophotonic** [VSM⁺08]. **Narrow** [EUVG06, YSS⁺17, YSS⁺19]. **NAS** [CRE99, GH98]. **native** [SJ95]. **navigating** [TVD14]. **NDP** [Ano97a]. **Near** [TKZ⁺18]. **Nearest** [JY15]. **Nearest-Neighbor** [JY15]. **Need** [SLG04, RPNT08]. **Neighbor** [JY15]. **Nelson** [Ano00c]. **Nested** [EW96, NB99, TGO99, TGO00, YZ14]. **Net** [Ham96]. **Net-Centric** [Ham96]. **Netburst** [KM03]. **Nets** [KMjC02, MKC97]. **Network** [ACM98a, RM03, ARB⁺02, Chl15a, Don02, GRS97, HH11, KML04, KRH98, LZS⁺08, NGGA94, YG10, ZP11, BDM98, GL07, KGPH12, LZ07, LLL10, LCH⁺08, OCRS07, RČV⁺10, RPNT05, Sta90, ZP04, PH97]. **Network-Facing** [KML04]. **Network-I** [RM03]. **Network-I/O** [RM03]. **Network-on-Chip** [LZS⁺08]. **Networked** [CT00, FGKT97]. **Networking** [ACM98d, ACM00, Hol12, LCK11, DWYB10]. **Networks** [IEE95, KLH97, Lu98, RR93, SM19, PWWD18, SMK10]. **Neumann** [HG92]. **Neural** [SM19, PWWD18]. **Neurons** [LTM⁺17]. **newly** [Ano95a, Ano95b]. **NewOS** [TLA⁺02, Gei01]. **Newport** [USE92b].

News

[Ano97c, Bra97, Gar01, Mat97, McM97]. **Newton** [AG21, CYYL18]. **Next** [ARB⁺02, EEL⁺97, TSV12, CH04]. **Next-Generation** [EEL⁺97, TSV12, CH04]. **Nexus** [FKT96]. **NFS** [Ano95a, Ano95b]. **NFV** [GDSA⁺17]. **Niagara** [KAO05]. **NLM** [Day92a, Day92b]. **NLM-Based** [Day92a, Day92b]. **NoC** [YL16]. **node** [TK98]. **Nodes** [EHG95]. **noise** [GA09]. **Non** [Caz02, Coo95, JLS99, KIAT99, LB17, MWP⁺21, SGM⁺97, Tra91, Ann96, RMV22, RGK99, SCG95, SKG⁺11]. **non-blocking** [Ann96]. **Non-Deterministic** [LB17]. **Non-Intrusive** [Caz02]. **non-invasive** [RGK99]. **Non-numeric** [SGM⁺97]. **Non-preemptive** [JLS99]. **Non-Serializable** [MWP⁺21]. **Non-Strict** [Coo95, Tra91, KIAT99, SCG95]. **non-temporal** [RMV22]. **non-uniform** [SKG⁺11]. **Nonblocking** [HH11]. **nondestructive** [AD08]. **nondeterminism** [HBCG13]. **Nondeterministic** [DSAD⁺18, LPS07]. **Noninterference** [BC02, Smi06]. **noninterruptible** [AAHF09]. **Nonlinear** [Nak03, GOT03, Kub15]. **nonoperational** [GS00]. **nonuniformity** [WA08]. **norm** [Ano92a]. **Note** [AKP99, Lie94]. **NOTES** [Gil88]. **notification** [BF08]. **Notifiers** [Pom98]. **Notre** [IEE96]. **Novel** [HG91, GKK09]. **November** [ACM98d, ACM99b, ACM00, ACM03, Ano91, Ano94e, Gol94, Hol12, IEE90, IEE92, IEE93, IEE94c, IEE02, LCK11, USE91a]. **NOWs** [SLGZ99]. **NP** [YZ14]. **NPB** [EGC02]. **NT** [Ano98b, Hig97, PG96, Pra95c, Pra95b, TCI98, USE98a, Wil94a, Wil94b, Yam96]. **NT-Style** [Wil94a, Wil94b]. **NUMA** [LMC14, ZLW⁺16]. **NUMA-aware** [ZLW⁺16]. **number** [LSS12, SLF14, SV21]. **Numeric** [MLGW18, SGM⁺97]. **Numerical** [MR09]. **Numerics** [Ano97a]. **NY** [SS96].

O

[RM03, Ano95a, Ano95b, ABB⁺15, BDN02, KSU94, LTL⁺16, Man98, MG15, Yoo96a].

Object [Ano99, BBD⁺91, BC94, GK94, HH97, KC99, Kim14, NPT98, SJ95, SG96, Ada98, Car89a, CYZ98, CLL⁺02, FWL03, FL90, JPS⁺08, LLLC15, Sch98, Wei98a, Yan02, dB09, vPG03]. **Object-Oriented** [Ano99, BBD⁺91, BC94, Kim14, NPT98, SG96, HH97, Ada98, Car89a, CYZ98, CLL⁺02, FL90, JPS⁺08, Wei98a, Yan02, dB09, vPG03]. **Objects** [ACR01, CJK95, CR02, Low00, Pra95a, Ric99, Ten02, Yas95, Bak95a, Bri89, DMBM16]. **objet** [Swi09].

Oblivious

[UALK17, UALK19, HL08, HZ12].

Observer [Hol99b]. **occupancy** [PAB⁺14].

Ocean [SAC⁺98]. **OCTET** [BKC⁺13].

October [ACM94d, Ano94d, BT01, IEE95].

ODBC [Ano00b, Hig97].

ODBC-compliant [Hig97]. **ODBC-ODBC**

[Ano00b]. **ODE** [Ano97c, Bra97]. **Off**

[MHG95, AAC⁺15, DTK⁺15, Gep00].

off-beat [Gep00]. **off-chip** [DTK⁺15].

Off-the-Shelf [MHG95]. **offs** [Par91]. **Old**

[Wil00]. **On-Chip** [CmL19a, LKBK11,

ZM07, SMK10, TEL95, TEL98a, TEL98b].

On-Line [Ano00c, FSPD16, FdL02].

On-the-fly [Sch89, CWS06, PS03, PS07].

once [Bak95a]. **one** [QSHI16]. **one-sided**

[QSHI16]. **Online** [Ger95, OTY00, RCC14,

Sei98, Sei99, SRA06, TGO99, HF96,

LWV⁺10, RS07, VGK⁺10a, VGK⁺10b].

only [Dil00, MJF⁺10, NM10, ZJFA09]. **onto**

[LBvH06a, LBvH06b, LBvH06c]. **Open**

[Ano00c, BMF⁺16, Hai97b, BMF⁺19,

KR01a, KR01b, RBF⁺89]. **Open-Source**

[Ano00c]. **OpenGL** [Rót19]. **OpenGL-**

[Rót19]. **OpenMP** [Cha05, ARvW03,

Ano97c, BHP⁺03, BBC⁺00, Bra97, BMV03,

BO01, CRE99, CDK⁺01, CM98, DM98,

HD02, EV01, JJY⁺03, KKH03, Lu98, MS02,

Mar03, MLC04, MPD04, Mat03, MG15,

MM14, Mü103, NAAL01, RBAA05, SLGZ99,

Thr99, TGBS05, Vre04, RM99].

OpenMP-oriented [MLC04]. **OpenOpt**

[NSP⁺14]. **OpenPiton**

[BMF⁺16, BMF⁺19]. **OpenSPARC**

[Wea08]. **Operand** [SP07]. **Operating**

[ACM94d, CLFL94, TLA⁺02, Gei01, IEE89,

IEE94a, MS87, REL00b, SEP96, Ano92a,

Ano92b, ASSS19, BDM98, DBRD91,

IEE94d, Jef94, Jen95, LVN10, LAK09, Ply89,

RBF⁺89, REL00a, REL00c, She98, Way95].

operation [DKG18, RHH10]. **Operational**

[CKRW99, CKRW97a, CKRW97b].

Operations

[KKS⁺08, KLDB09, SCL05, HMC95, RD06].

operators [RWT21]. **Opportunistic**

[YL16]. **Opportunities**

[GJ97, HL08, Mus09]. **OPR** [QSHI16].

Optimal [AAJ⁺19, AT16, GPB⁺17, Lar95,

RCM⁺12, Lep95, LML00]. **Optimisations**

[TCF22]. **Optimistic**

[WHJ⁺95, CZSB16, DKG18, VPQ12].

Optimization [BLG01, CmL19b, CvdBC18,

GN96, RNSB96, SYHL14, TJJ98, TLGM17,

WJ12, AMC⁺03, AMPH09, CDP⁺21,

DZKS12, GOT03, Koo93, RKCW98, Sin99,

TPZ21, TO10, ZCSM02a, ZCSM02b].

Optimizations

[HYY⁺15, JSB⁺12, KET06a, LEL⁺99,

Sut99, ZM07, ABC⁺09, JSB⁺11, OA08a,

OA08b, OA08c, Roh95, Sen19]. **Optimized**

[Sin97]. **Optimizing** [DTK⁺15, KZTK15,

PR98, PSCS01, WCZ⁺07, GS02]. **Orange**

[ACM98d]. **orbital** [MAF19].

Orchestration [GVT⁺17]. **Order** [CJK95,

HLGD19, IXS19, RRK11, SMP19, TCS20,

NV15, SJA12, SW16, TCF22, ZKW15].

Ordering [DELD18, HR10].

Ordering-Free [DELD18]. **Oregon**

[ACM94b, ACM99b, IEE93]. **Organization**

[HG91, HG92, PPGS20]. **organizing**

[LAK09]. **Oriented** [Ano99, BBD⁺91, BC94,

Kim14, KS97, LHG⁺16, NPT98, SG96,

Ada98, Car89a, CYZ98, CLL⁺02, DWYB10,

FL90, HH97, JPS⁺08, MLC04, Wei98a,

WP10, Yan02, dB09, vPG03]. **Origami** [AL21]. **Orlando** [ACM94a, ACM98d]. **OS/2** [DN94, Kan94, Kel94a, Kel94b, Rei95, Ric91, Rod94]. **oscillations** [BD06]. **OSF** [BM91]. **OSF/1** [BM91]. **Other** [SPY⁺93, MMTW10]. **Ottawa** [BT01]. **Out-of-Core** [QOIM⁺12, ABC⁺15]. **Out-Of-Order** [IXS19, TCS20, SJA12, SW16]. **output** [MP89]. **Outstanding** [LSB15]. **Overall** [SEP96]. **Overcome** [SW08]. **overflow** [KOE⁺06]. **Overhead** [DSR15, RRP06, YL16, ZHCB15]. **Overheads** [SHK15]. **Overlay** [DFC⁺19]. **overview** [Li05]. **Own** [BS99, Sho97a, Sho97b]. **Oxford** [ACM94c].

P [Ano00b, Nik94, PR05]. **P-RISC** [Nik94]. **P-STAT** [Ano00b]. **P-Thread** [PR05]. **Pacbio** [LZL⁺20]. **Pacific** [IEE89]. **Pacifier** [QSQ14]. **Package** [Ano94c, FL90, HCM94]. **packages** [GOT03, OT95, PL03]. **Packaging** [RR93]. **Packard** [BLCD97]. **Packet** [AHW02, LCH⁺08, MVY05, WCZ⁺07]. **page** [CNV⁺06]. **page-based** [CNV⁺06]. **PageRank** [KG07]. **Pages** [JLA16]. **Paging** [FD96, FdL02, Sei98, Sei99]. **Pagoda** [YSS⁺17, YSS⁺19]. **PaiLisp** [KI95]. **pain** [Gus05]. **Pajé** [CdOS01, CSB00]. **Palo** [ACM01]. **panel** [Ano94e, Bak95b, HCD⁺94, IAD⁺94]. **Paper** [ABH⁺01, TKA⁺01]. **papers** [ACM93a, ACM94b, ACM95b, ACM98b, KKDV03, Cha05]. **par-monad** [FKS⁺12]. **ParADE** [KKH03]. **Paradigm** [EW96, JD08, LK15, PPA⁺13, BCG⁺95]. **Paradigms** [CM98, HD02, YMR93b, YMR93a]. **Parallel** [ABC⁺93, AMRR98, ARA20, Ama89, ABNP00, ACMA97, Bau92, BC00, BFA⁺15, BE13, BBC⁺00, BTE98, CZS⁺17, CL95, CDK⁺01, CBN⁺00, DS16, Den94, DSR17, EJ93, FHM95a, Gil94, GSC96, GJ97, GAC14, HMLB16, Hon94, HN91, JY15, KTLK13, KI95, KEL⁺03, Kon00, KKDV03, Kwo03, LK20, Len95, LHS16, LFA96, Mah11, MS02, Mar07, MAG21, MG15, MRG17, Nak03, NS97, Pan99, QSaS⁺16, ROPdIT22, Sch17, SCv91a, SAC⁺98, SRU98, Tro18, WYT⁺20, WC99, YFF⁺12, ARvW03, ALS10, BBYG⁺05, BCM⁺07, BAD⁺09, BB00, Boo93, BE12, BGK94c, CAR08, CFK⁺91, Cha05, CSB00, Chr95a, Chr95b, Chr96, ÇM20, DLM99, DESE13, EV01, FHM95b, FD95, Fuj97, GC92, Gol97, GKK09, GEG07, GE08, GB99, HMC97, HF88, Hop98, HWW93, IEE97, JMS⁺10, Joe96, KTK12, Kep03]. **parallel** [Kim94, LSS12, Lu94, MT02a, MT02b, MT02c, MR98, Mis96, NJ00, NPA92, OdSSP12, RÇV⁺10, RHH10, SBCV90, Sch91, SCv91b, Sha98, SWYC94, ST98, SGS14, Taf13, TCG95, VPQ12, VGK⁺10a, VGK⁺10b, WZSK19, WK08a, WK08b, WK08c, WOKH96, WTH⁺12, YCW⁺14, FR95, Vre04, WN10]. **Parallel-Based** [ARA20]. **Parallel-Multithreaded** [WC99]. **Parallelism** [AACK92, ABLL92, BAM93, CSS⁺91b, DV99, EW96, FKP15, FURM00c, GVT⁺17, GP95, DK02, LKKB11, LEL⁺97a, LEL⁺97b, MG99, MR94, Mar03, MCFT99, NB99, RBAA05, SSP99, SMD⁺10, SG96, Thr99, WS08, YBL16, Yoo96b, ALHH08, AKSD16, CSS⁺91a, CSS⁺91c, EE09a, FN17, FURM00a, FURM00b, HDT⁺13, KRBJ12, KDM⁺98, KVN⁺09, KC09, LGN92, LAH⁺12, MAH18, QOQOV⁺09, SLGZ99, SD13, TEL95, TEL98a, TEL98b, VDBN98, VV00, Wei98a, XSaJ08, YZ14, Zig96]. **parallelism-aware** [LAH⁺12]. **parallélisme** [Zig96]. **Parallelization** [CRE99, DSAD⁺18, KC09, LVA⁺13, RM99, WZWS08, YLLS16, AC09, DC07, JJY⁺03, MAF19, PO03, RKM⁺10a, RKM⁺10b, RRMJ12, TFG10]. **parallelized** [CJ91]. **Parallelizing** [BM91, WDC⁺13, KBF⁺12]. **ParaLog** [VGK⁺10a, VGK⁺10b].

Parameterized [BCR01, FK12].
Parametric [Ano98b, FRT95].
Paravirtualization [YSY+09]. **PARC** [Ong97]. **Pareto** [GPB+17].
Pareto-Optimal [GPB+17]. **Parsing** [BC00, Lar95, PCM16]. **Part** [Ano92a, Ano92b, KR01a, McM98b, Hol98a, Hol98b, Hol98c, Hol99a, Hol99b, McM96b, McM98a].
Partial [Loe97, SMP19, RRP06, SP00b, Shi00, ZKW15, HLGD19]. **partition** [LZW17]. **Partitioning** [AMRR98, Coo95, D'H92, EW96, SLJ+19, TG99, DCK07, LZL+14, MKR10, SCG95, WW96].
Partitioning-Independent [EW96].
Pascal [Hay93]. **PASCO** [Hon94]. **Passing** [BWXF05, TLA+02, FGT96, KKDV03, PH97, PS01, Ada98, BCM+07, DLM99, FM92, PRS14]. **Path** [BLG01, TAK+00, CTYP02, WCT98].
pathfinder [KPP12, SMP19]. **Paths** [OTY00, Ano95a, Ano95b]. **Pattern** [Ano97b, EGP14, OR12, EG11, GBP+07, SCM05]. **Pattern-Based** [EGP14, EG11].
Pattern-recognition [Ano97b]. **Patterns** [CmL21, DS16, LPK16]. **PC** [Mia90, CFK+91]. **PCM** [AKSD16].
PCM-based [AKSD16]. **PCs** [CRE99, NV94]. **PDE** [Chr95a, Chr95b, Chr96, JD08]. **PDES** [LTM+17]. **pedagogical** [CMS03].
PegaSoft [Ano00b]. **Pennsylvania** [ACM96]. **Pentium** [RGK99]. **peptides** [MIGA18]. **Per-node** [TK98]. **Per-Thread** [Cha02, EE09b]. **Perf** [FSPD17].
Performance [ACM98a, ACM98d, ACM00, Aga89, Aga91, Aga92, ARA20, ABLM19, BS96, BL96, BRM03, BLG01, BNH01, BGH+12, BBSG11, Cal97, CRE99, CGS+20, CCH11, CCK+16, CCWY17, CH95, Cho92, CT00, CSM+05, CBN+00, CMBAN08, DVAE18, DWYB10, EGC02, EE14, FT96, FSPD17, FBF01, FURM00c, FGKT97, Gal94, Gar01, GN00, HRH08, Hol12, HN91, IEE94b, JFL98, KZTK15, KH18b, KS97, KTR+04, LWSB19, LCK11, LG06, Lep95, LMJ14, LHG+16, LYH16, Mah13, Man99, Mao96, MSM+16, MPD04, ME17, MWK+06, MKC97, MM14, NCA93, NBS+15, NGGA94, Par91, PH97, PS01, QSaS+16, RG03, RVOA08, RKK15, SCD+15, SKV21, SLJ+19, TCI98, TT03, Tsa97a, TLGM17, VP16, Wei98b, WG99, WN10, YWJ03, ZL10, ZAK01, Zub02, AAC+15, AL21, APX12, AAKK08, BGDmWH12, BS10a, BBM09, BMV03].
performance [CML00, Car89b, CIM+17, Cho93, CDP+21, Div95, Don92, DKF94, ECX+12, FL90, FM92, Fis97, FURM00a, FURM00b, GS02, GEG07, GLC99, HLB90, ICH+10, Kim94, KLH+99, LML+19, LB95, LB96b, LBH12, LCH+08, LMC14, LBE+98, MLC+09, Mah11, MCRS10, McM97, PJZA07, PGB12, RGK99, SE12, Sen19, SSkP+07, SQP08a, SQP08b, SQP08c, SKP+02, TMC09, TR14, TG09, The95, VV11, Wan94, WCZ+07, WOKH96, YZ07, YM92, ZJS10].
Performance-area [Par91].
Performance-Driven [LWSB19].
performance-energy [AAC+15].
Performance-Oriented [KS97].
performance-prediction [BMV03].
Performance/Power [RKK15]. **performs** [Ven97]. **perils** [Dye98]. **Perl** [TLA+02].
Perl/Tk [TLA+02]. **Persistence** [WYT+20, BHK+04]. **persistency** [RMV22]. **personality** [CCW+11].
perspective [AG06]. **Perspectives** [PLT+15]. **pessimistic** [CZSB16].
Petaflops [SZ02]. **Peter** [Ano00c]. **Petri** [KMjC02, MKC97]. **PGI** [Ano00b]. **pH** [ACMA97]. **Phase** [CA20]. **Phi** [SCD+15].
Philadelphia [ACM96]. **Phoenix** [ACM03].
Photomosaics [TLA+02]. **Phylogenetic** [LHG+16, LBH12]. **physical** [AMPH09, KKT+18]. **physics** [AG21]. **pi** [Yee20]. **pi-program** [Yee20]. **PIC** [BMV03]. **PicoServer** [KSB+08]. **picture**

[AC09]. **Piecing** [Ano97b]. **Pipelining** [GV95, RVOA08]. **PIRATE** [ICH⁺10]. **Pitfalls** [Hol98a, SPY⁺93, CL00, San04]. **place** [SCM05, SGLGL⁺14]. **placement** [NLK09, TE94a]. **Plagiarism** [TLZ⁺17, TLZ⁺18, TLZ⁺16]. **Plan** [DLZ⁺13, Pre90]. **PlanICS** [NSP⁺14]. **Planning** [NSP⁺14]. **plans** [GARH14]. **Plastic** [MCS15]. **Platform** [AB01, AB02, CT00, DTLW16, EEL⁺97, FSS06, BMF⁺19, Lam95, MT93, PG03, WCW⁺04b, WCW⁺04c, WCW⁺04d]. **Platform-Independent** [FSS06]. **Platforms** [LS11, PWL⁺11, CNQ13, LSS12, RB22]. **PLDI** [ACM94a, ACM99a]. **Plug** [DHR⁺01]. **Plug-in** [DHR⁺01]. **plus** [Ano95a, Ano95b]. **PM** [AB02]. **PM2** [ABN99, AB01]. **Point** [LWSB19]. **Pointer** [RR99, SR01a]. **pointers** [Sim97, WW96]. **Points** [CC04, CHH⁺03, SLP⁺09]. **Points-to** [CC04, CHH⁺03]. **policies** [Eic97, EE09a, KPPÉRO6]. **Policy** [LLKS12, MVZ93]. **Polling** [Pla02]. **Pollution** [MPD04]. **Polynomial** [Kuc92, Kuc91]. **Pool** [PSCS01, LML00]. **Pools** [Cal97]. **POPL** [ACM94b, ACM95b, ACM98b]. **Port** [Koo93]. **Portability** [VSM⁺16, SP05]. **Portable** [AB01, ABN00, BFFW02, Eng00, KF97, LDT⁺16, Yas95, CS00, GCRD04, Mix94, MT93, MAAB14, TB97a, TB97b]. **Portals** [BRM03]. **Porting** [JJ91, Yam96]. **Portland** [ACM94b, ACM99b, IEE93]. **Ports** [Man98, Yam96]. **posium** [USE01]. **POSIX** [Ano00c, Alf94, BMR94, But97, GL91, GF00, GMB93, HBG01, HBG02, SP05, diPRGB99]. **POSIX-compliant** [SP05]. **Post** [LB17]. **Post-Silicon** [LB17]. **Pot** [VSDL16]. **Potential** [CC14, EGC02, LLKS12, Mou00, DG99]. **potentials** [ABF⁺10]. **Power** [GJ11, AKS06, Ano00a, Ano03, BCZY16, BGH⁺12, CMBAN08, MB07, MR09, PHBC18, RCC12, RKK15, RRK11, SYHL14, TVB⁺13, TLGM17, CDP⁺21, ECX⁺12, GW10, MLCW11, MWK⁺06, Pra95b, PPGS20, Ric91, SM19, SQP08a, SQP08b, SQP08c, CMF⁺13]. **Power-aware** [MR09]. **Power-Constrained** [TLGM17, GW10]. **Power-Efficient** [BCZY16, SQP08a, SQP08b, SQP08c]. **Power-Performance** [CMBAN08]. **POWER5** [BCG⁺08, MMM⁺05, KST04, Ano05]. **POWER6** [LSF⁺07]. **powered** [Rei95]. **PowerPC** [BEKK00, SBKK99]. **PowerRAC** [Ano00b]. **Practical** [HW92, LMJ14, MNG16, ND16, PBR⁺15, RR96, TGBS05, BCCO10, LPD⁺11, RD99, RPB⁺09]. **PRAM** [For97, Lep95]. **Pre** [PR05, Luk01]. **Pre-Execution** [PR05, Luk01]. **Precise** [HR16, KUCT15, CLL⁺02, FF09, WTH⁺12]. **Precomputation** [MGQS⁺08, WWW⁺02]. **Preconditioning** [Nak03, GEG07]. **PREDATOR** [LTHB14]. **Predicate** [GPR11, How00]. **Predictable** [BBdH⁺11]. **Predicting** [Lun99]. **Prediction** [AKS06, CMBAN08, DVAE18, IBST01, PBL⁺17, BWDZ15, BMV03, CTYP02, CPT08, GL98b, RRP06, TFG10, WHG07]. **Prediction-Based** [CMBAN08, RRP06]. **predictive** [LTHB14, SRA06]. **Predictors** [EPAG16]. **preemptive** [JLS99]. **prefetch** [AMC⁺03]. **Prefetcher** [LYH16]. **Prefetching** [AGJ18, BL96, GK94, MKC97, SLT03, VT96, LB95, LB96b, Mao96, SLT02, SKKC09]. **Prefix** [BVP⁺19, WJ12]. **Preliminaries** [NBM93]. **Preliminary** [EHG95]. **Preparation** [GH03]. **preprocessor** [Fon97, Mil95]. **prescient** [AMC⁺03]. **Presentation** [Kub15]. **presented** [ACM93a, ACM94b, ACM95b, ACM98b]. **preserving** [MSM⁺11, NFBB17]. **pressure** [DTLM14, SLP08]. **preventing** [PRB07].

prevention [GB20]. **Price** [Ano98b]. **Pricing** [TT03]. **Primer** [LB96a, Wil97]. **Primitive** [Low00]. **primitives** [BBH+17, LZ07, NLK09]. **principle** [LAK09]. **Principles** [ACM93a, ACM94b, ACM95b, ACM98b, TLA+02]. **print** [Van97a]. **priorities** [MAH18, STV02]. **Prioritization** [CmL21, FD95]. **Priority** [BCG+08, NBMM12, SCCP13, ST05]. **priority-based** [NBMM12]. **Private** [Man99]. **privatization** [HZ12]. **Pro** [Ano97a, RB22]. **Proactive** [FJ08]. **Probabilistic** [EE10, EE12, CHH+03, Smi06]. **Problem** [HH11, Lee06, YFF+12, BIK+11, Mit96]. **Problems** [DK02, Nak03, AG21, AR17, Bar09, FTAB14, FR95]. **procedure** [BGK94c, KASD07, LQ15]. **procedures** [MCS15]. **Proceedings** [ACM94c, ACM98d, ACM99a, ACM01, Ano90, Ano94a, Ano94d, AOV+99, Gol94, Hol12, IEE89, IEE90, IEE92, IEE93, IEE94a, IEE95, IEE96, IEE02, Lak96, LCK11, USE89, USE91a, USE91b, USE92a, USE93a, USE93b, USE96, USE98b, USE98a, USE00b, USE01, USE02, ACM92, ACM95a, ACM96, EV01, IEE97, Wat91, ACM93b, ACM98c, RM03, Ano91, DLM99, IEE94b, IEE94c, FR95]. **Process** [FT96, FG91, BM91, HF96, LVS01, MR98, Ply89, WP10, WCV+98]. **process-oriented** [WP10]. **Processes** [CB16, III01, SPY+93, ZSA13, YZYL07, Zig96]. **Processing** [AHW02, GAC14, MLGW18, RW97, SG18, SS91, WN10, How98, MVY05, Par91, PYP+10, RKHT17, WCZ+07]. **Processor** [ABC+93, Ano00b, BVM19, BCG+08, BGH+12, EHG95, GV95, HMNN91, HHOM91, HHOM92, KST04, KML04, KAO05, LvH12, MGQS+08, MG99, MTN+00, MVZ93, MB05, SV19, SW08, Sin97, ST00c, SZ02, SBKK99, SUF+12, UALK17, UALK19, WS08, AAHF09, APX12, BEKK00, BH95, CL94, CY09, Cho92, EE10, Fis97, FRL18, Fuj97, Goo97, HF88, HKN+92, HMN+92, KDM+98, Kho97, KBA08, LBvH06a, LBvH06b, LBvH06c, LCH+08, Lu94, MK12, Met95, Moo95, Moo96, OCRS07, Raj93, Sha95a, SJA12, Sin99, ST00a, ST00b, STV02, Squ94, Sri93, Tsa97a, Tsa97b, TEE+96, VIA+05, WCW+04b, WCW+04c, WCW+04d, YN09, ZP04]. **processor-based** [WCW+04b, WCW+04c, WCW+04d]. **Processor-In-Memory** [SZ02]. **Processor-Oblivious** [UALK17, UALK19]. **Processors** [ARB+02, AH00, Ano01, BF04, CmL19a, CmL19b, EEL+97, FT96, FSPE20, FNS+22, FJ08, GJT+12, GSL10, JGS+19, KS16, KLG08, KU00, KLDB09, LPE+99, MHG95, MCFT99, MR09, ÖCS01, PF01, RCM+16, RYSN04, RRK11, SU01, SR01b, URŠ02a, VS11a, YG10, ZP11, Aga89, Aga91, Aga92, AAC+15, BGDmWH12, BWDZ15, CS95a, CS95b, CN14, CDD+10, DWYB10, Div95, Eic97, EE09a, EE09b, EE12, FD95, GMW09, GBP+07, KBF+12, LLL10, LBE+98, Luk01, MN03, MEG03, MTPT12, Mis96, NB12, NZ17, PFV03, PAB+14, PPGS20, RGG+12, RCM+12, RPNT08, SLP08, SMS+03, URŠ02b, URŠ03, ZSB+12, WM03]. **processus** [Zig96]. **Procs** [MT93]. **Products** [Ano97a, Ano00b, Ano97c, Bra97]. **Professional** [Ano00b]. **Profile** [BMR94, SV19]. **profiler** [DTLM14]. **Profiling** [BP19, DG99]. **Program** [BVM19, Chl15a, DSR15, EFN+01, GN96, KKW14, NBM93, PF01, PS01, SHK15, TSY00, TLZ+17, TLZ+18, TJY98, YDLW20, YLLS16, AC09, BGC14, BD06, Cal02, Dan09, Dub95, EFN+02, FRT95, JEV04, JPSN09, Yee20]. **Programmability** [THA+12]. **programmable** [PYP+10]. **programming** [Swi09]. **programmed** [PPA+13]. **Programmer** [Cro98, Wil00, MS87, San04, Swi09]. **Programming**

[ACM93a, ACM94a, ACM94b, ACM94d, ACM95b, ACM98b, ACM99a, BBG⁺10, BO17, BTE98, But97, CMK00, CV98, CDK⁺01, Chl15b, CT00, CW98, DM98, FHM95a, FTP11, FA19, HCD⁺94, Hol98d, Hol98a, Hol98b, Hol98c, Hol99a, Hol99b, ILFO01, KKH03, KN17, KSS95, KSS96, Kno14, KIAT99, LB96a, LB00, LvH12, Mas99, MAG21, NBF96, Nor96, PG99, QOQOV⁺09, QOIM⁺12, Rod95b, SBB96, TCI98, Vre04, Wil97, YFF⁺12, dlPRGB99, van95, ALS10, AR17, AG96, ABG⁺08, BCHS00, BO96, BYLN09, Bir89, CFK⁺91, Car89a, CS00, CMS03, Cha05, CYZ98, DSH⁺10, DMSM18, EV01, FHM95b, GKZ12, Gil94, Gol97, GL07, HMC97, Hyd00, JPS⁺08, JHM04, KIM⁺03, Kim94, KN19, LB98, LPD⁺11, LP09, Man96, MSM⁺10, MKIO04, MR98, Mix94, NHFP08, Nev99, NBF98, ND96, PG96, Pra97, RR96, RR03, SKS⁺92].

programming [SV96c, SV96a, SV96b, Sen19, She98, She02, Sun95, TB97a, TB97b, TMAG03, Wal00, WCC⁺07, Yan02].

Programs [ABNP00, BBFW02, BE13, BLG01, CC14, CJW⁺15, CRE99, CS02, CC04, CdOS01, Chr01, DRV02, DSR17, EGP14, FQS02, GKCE17, HLB94, ITF⁺22, JBK18, KH18a, Kri98, LK20, LCS04, Lun97, Lun99, MS89, MGK⁺00, OB13, PHK91, Rin01, RD96, RR99, SPDLK⁺17, SBN⁺97, SYHL14, Ste01, TGBS05, Tra91, Vol93, VE93, ABF⁺10, BRRS10, BMTZ21, BK13, BCG13, BGC14, Blu95, BE12, BC02, BS10b, BNS11a, BNS11b, BNS12, CZWC13, CJ91, CL00, CLL⁺02, CVJL08, Cor00, DJLP10, Dil00, DESE13, EFG⁺03, EG11, EHSU07, FK12, Fer13, FF04, FFQS05, FF08, FFY08, GMR09, GB20, GRS06, GPR11, HLGD19, HZ12, JPS⁺08, JWTG11, JFL98, KC09, LQ15, Lea96, LMC14, LC13, MS03, MS87, MC06, MQ07, NR06, NH09, NSH14, NV15, OdSSP12, ORS⁺06, PAdS⁺17, PDP⁺13, PS03, PS07].

programs [RVS13, Rei95, RS07, SR01a, SCG95, SRA06, Sen08, SP00b, Shi00, SP05, SGS14, Sto02, Taf13, TR14, TLZ⁺16, WS06, WTH⁺12, XSaJ08, YCW⁺14, YNPP12, ZJS10, ZSJ06, dB09, vPG03].

Progress [FSPD17, TLGM17, ZHCB15].

Progress-Aware [FSPD17].

Progressive [BBdH⁺11, TGO00].

Project [Ano99].

projection [SSkP⁺07].

Projections [MQLR16, MLR15].

proliferating [Ano94b].

Prolog [AR17, AR19, EC98, KA97, MGK⁺00].

Promises [Gar01].

Proof [AddS03, ÁdBdRS08, FKP15, ÁdBdRS05, GLPR12].

properties [BMTZ21, KTLK13, Van97b].

proposal [GP05].

Proposed [GV95].

protect [San04].

Protecting [ZWGX22, ZJS⁺11].

Protection [CLFL94].

Protein [BCS11].

Protein-Protein [BCS11].

Protocol [GRS97, III01, ABN00, KASD07, QSQ14, RGT17].

Protocols [AB01, AB02, GRR06, TVD14].

Prototype [BMR94, HHOM91, HHOM92, BK96, BVG97, Far96].

prototyping [PDP⁺13].

Provably [DJLP10, GB99].

provide [Way95].

provides [Hig97].

Providing [PSM01, PSM03].

proving [Taf13].

Provisioning [BSSS14, FGG14].

Pruning [WLT19].

pseudorandom [SLF14, SV21].

PSO [HH16].

PTF [Yam96].

Pthreads [NBF98, Yam96, LB98, AS14, NBF96].

Publications [Bee98].

Publishing [Ano00b, Hig97].

purity [FFQ04].

Purpose [Ber96b, HSS⁺14, Man98, ZSA13, Ber96a, DC99, DC00, HSD⁺12, SKA01].

Put [Wal95].

PVM [DLM99, DPZ97, Pla02, ZG98].

PVM/MPI [DLM99].

PyOMP [MAG21].

Python [Swi09, How98, MAG21, Pul00].

Q [Ber96b, Cri98a].

Q&A [Cri98b, Hag02].

QoS [ICH⁺10, PSM01].

QR [Dav11].

quality [PSM03].

Quantitative [LPK16, NBM93].

Quasi [Pla02].

Quasi-Pla02. **Queries** [TGO99, TGO00].

query

[GARH14]. **QUERYFLEX** [Ano97a]. **querying** [HF96]. **Queue** [Cri98b, Cri98a]. **queues** [DGSB20, SCM05, ST05]. **Queuing** [VK99, KPPÉR06]. **Quick** [Ano00b]. **QuickRec** [PDP⁺13]. **quicksort** [Mah13].

R [Nag21]. **R-Friendly** [Nag21]. **R3000** [Aru92]. **Race** [HM96, KUCT15, LS18, MKM14, SBN⁺97, Sen08, Yan02, ZLJ16, AFF06, AHK08, EQT07, FF09, HR16, HHPV15, MMN09, NAW06, NA07, PS03, PS07, PFH06, RVS13, WDC⁺13, XHB06, DWS⁺12]. **race-freeness** [AHK08]. **RaceFree** [LZW⁺13]. **Races** [KZC15, FF10, NWT⁺07, PRB07, PT03, RBK⁺09]. **racy** [SRJ15]. **RADISH** [DWS⁺12]. **Ramada** [Ano94d]. **Ramada-Congress** [Ano94d]. **random** [LSS12, Sen08]. **random-number** [LSS12]. **Randomization** [ZWX22]. **Randomized** [Sei98, Sei99, JPSN09]. **Rank** [AJK⁺12, ABLM19, Dav11]. **rank-revealing** [Dav11]. **Ranking** [DV99, VV00]. **Raphson** [AG21]. **Rapid** [DVAE18]. **ray** [Tod95]. **RCDC** [DNB⁺12]. **RCU** [CKZ12]. **Re** [ZWX22]. **Re-Randomization** [ZWX22]. **Reachability** [LCS04, LQ15]. **reachability-modulo-theories** [LQ15]. **Reactions** [LTM⁺17]. **Reactive** [LvH12, LNI⁺19, DMSM18]. **Reactivity** [BDN02]. **read** [NM10]. **read-only** [NM10]. **Reads** [LZL⁺20, AAJ⁺19]. **reads-from** [AAJ⁺19]. **ready** [Ano92b, DFC⁺19]. **Real** [BC94, IEE94a, IEE94d, JLS99, Kim14, KBP⁺03, MN00, PSM01, PUF⁺04, PSCS01, SZG91, SM19, SUF⁺12, Tet94, WLG⁺14, dlPRGB99, CZWC13, CMX10, Hol98d, Hol98a, Hol98b, Hol98c, Hol99a, Hol99b, Jen95, JPSN09, MKK99, OT95, PSM03, RPNT05, San04, SZ92, SJB92a, SJB92b]. **Real-Time** [IEE94a, JLS99, Kim14, MN00, PUF⁺04, PSCS01, SUF⁺12, Tet94, dlPRGB99, IEE94d, KBP⁺03, PSM01, SZG91, SM19, Jen95, MKK99, OT95, PSM03, San04, SZ92, SJB92a, SJB92b]. **Real-Time-and-Distributed** [BC94]. **Real-world** [WLG⁺14]. **Reality** [LH09]. **realizing** [YZ14]. **Realtime** [BMR94]. **reasoning** [FK12]. **rebiasing** [RD06]. **recognition** [Ano97b, LG04]. **Reconfigurable** [ROPdT22, SSK⁺18, DSH⁺10, LP09]. **ReconOS** [LP09]. **reconstructive** [MCS15]. **Record** [Chr01, UALK17, UALK19, ACM93a, ACM94b, ACM95b, ACM98b, GCRD04, HDT⁺13, HT14, LSW⁺18, PDP⁺13, QSQ14, RD99]. **record-and-replay** [LSW⁺18]. **record-replay** [HDT⁺13]. **Record/Replay** [Chr01, GCRD04, RD99]. **Recording** [MCT08, NPC06, HZD13, LZTZ15, XHB06]. **recoverable** [LAK09]. **Recovery** [LAK09, VPC02, WCV⁺98, YZYL07]. **RecPlay** [RD99]. **rectangular** [SGLGL⁺14]. **Recursively** [BE13, BE12]. **Red** [Pla99]. **Red-Black** [Pla99]. **Redesign** [KSU94]. **RedThreads** [HTDL18]. **Reduce** [DSR15, CCC12, Cor00, KOE⁺06]. **reduced** [GA09]. **Reducer** [LS18]. **Reducing** [LK20, SLP08, SYHL14, PGB12]. **Reduction** [Ama89, CL95, HLH16, KLS92, SW08, SMP19, BKK17, HH16, XHB06, YL16, ZKW15, HLG19]. **Reductions** [ZAK01]. **Redundant** [CCK⁺16, CvdBC18, HTDL18, KS16, MB07, AU21, MKR02, PSG06a, PSG06b, PSG06c, RRP06, WLG⁺14]. **ReEnact** [PT03]. **Reentrant** [ÁMdBdRS02]. **Refactoring** [Ten02]. **Reference** [Rec98, Sch14, KOE⁺06]. **Reference-Counting** [Rec98]. **refinement** [GPR11, KPPÉR06, KI16]. **Reflection** [OT95, Bak95a]. **region** [KBF⁺12, WZSK19]. **region-based** [KBF⁺12]. **Regions** [DELD18, AU21, GPS14]. **RegionTrack** [MWP⁺21]. **Register**

[GJT⁺12, LPE⁺99, RRK11, WW93, CCC12, HKT93, SLP08, kSYHX⁺11, ZP04].
regulated [XHB06]. **Relabeling** [HH11].
related [Bar09, RD06, TLZ⁺16]. **relational** [HB15]. **relative** [Bet73]. **Relatively** [NV15]. **relaxed** [BAM07, DNB⁺12, HT14, QSQ14, ZKW15].
relaxed-consistency [HT14, QSQ14].
Relaxing [CZS⁺17]. **RelaxReplay** [HT14].
Relay [Zha00]. **Release** [AB02, PST⁺92, SLP08, EKB⁺92, Pea92].
Reliability [CCK⁺16, CvdBC18, OL02a, OL02b, OL02c].
Reliable [KS16, NBS⁺15, RG03, YZYL07, YCW⁺14].
relocation [WW93]. **remains** [Ano94b].
remedies [ALW⁺15]. **remote** [TK98, ZLW⁺16]. **Remove** [CNZS17].
Rendering [SSB⁺22]. **reordering** [DKG18].
Reorganizing [TKK21]. **Replay** [Chr01, UALK17, UALK19, GCRD04, HDT⁺13, HT14, LVN10, LWV⁺10, LZTZ15, LSW⁺18, NWT⁺07, PDP⁺13, QSQ14, QSHI16, RD99].
Replaying [MCT08, WKG17]. **Replica** [AT16, FRL18]. **Replication** [AKP99, BKI06, AU21, VACG09].
Replication-Based [AKP99]. **Report** [Ano97a, HCM94]. **reproduce** [HZD13].
request [Sch98]. **Requirements** [PCPS15, GL98a]. **rescue** [SLP⁺09].
Research [BMF⁺16, USE01, AG06, BMF⁺19, RPNT08]. **réseau** [Swi09].
Reservation [LZS⁺08]. **Resilience** [SHK15]. **Resistance** [Gar01]. **Resistant** [YLLS16]. **resize** [Mit96]. **resolution** [Evr01]. **Resource** [CmL19a, HC17, LG06, LZS⁺08, LHG⁺16, RSBN01, YSS⁺17, CY09, HCD⁺94, VS11b].
Resource-Efficient [LHG⁺16]. **Resources** [LSB15, PFP⁺22, RGG⁺12, ZSB⁺12].
Respec [LWV⁺10]. **Response** [BBC⁺00, Smi01]. **responses** [BS06].
Responsive [SUF⁺12]. **Restart** [ZSA13].
Restating [EE14]. **Restore** [Ano00b].
restricted [ABG⁺08]. **restructuring** [BVG97]. **Results** [GV95, GRS06].
Retentive [RRK11]. **Rethinking** [Xue12, Len95]. **retrieval** [CML00].
Retrospective [TEL98a]. **Return** [ZWGX22]. **Reusable** [Han97]. **Reuse** [BCZY16, KZTK15, LPK16, SV19, JSB⁺11, NAAL01, PHCR09]. **revealing** [Dav11].
Reverse [Coo02, LSB15, WCV⁺98].
Review [Lar97, Van97a, Vre04]. **Reviews** [Ano97c, Bra97]. **Revised** [Cha05].
revisionist [PT91]. **Reviving** [TLZ⁺17, TLZ⁺18]. **revolutions** [ECX⁺12].
Rewriting [BGK94a, BGK94b]. **RHEED** [BD06]. **right** [MAH18]. **RISC** [Cho92, GV95, MHG95, Men91, Nik94, SBKK99].
rise [Len95]. **Robin** [CmL19b]. **Robot** [Lev97]. **Robust** [CMF⁺13, LG04].
Rockefeller [IEE90]. **Rogue** [Ano00b].
Role [BC94, KZTK15]. **rollback** [YZYL07].
root [BFSK20, CMX10]. **Ropes** [HMC95].
Round [CmL19b]. **routine** [SG18]. **Row** [KZTK15]. **RP3** [CJ91]. **RPC** [Tod95].
RPPM [DVAE18]. **RPython** [MRG17].
RTOS [IEE94a, IEE94d]. **RTR** [XHB06].
Ruby [OCT14]. **rules** [GLPR12]. **Run** [EJ93, LFA96, Swe07, SS96, Pra95c, TNB⁺95]. **Run-Time** [EJ93, LFA96, SS96, TSY99, TNB⁺95].
Running [SV19, Cal02, MLCW11, SSN10].
runs [Hig97]. **Runtime** [ABN99, ABNP00, ABH⁺00, ABN00, BJK⁺96, BMN99, CZS⁺17, DNR00, FSS06, GB20, KPC96, MSFC21, NPT98, NS97, QOIM⁺12, SSP99, WS06, YSS⁺19, ZWGX22, ATLM⁺06, ALW⁺15, BAD⁺10a, BAD⁺10b, BJK⁺95, EQT07, Gol97, Ong97, TSY00, TMAG03].
runtimes [RL14]. **Russians** [KNPS16].
Rust [BO17, KN17, KN19, Tro18].
SA [SHW19]. **SableSpMT** [PV06]. **SAC** [GS06]. **Safe** [BCL⁺98, Kle00, Loc18, Low00, NH09, Pla02, AFF06, BYLN09, DMBM16, DMSM18, Fek08, GCC99, GOT03, Gro03,

NHFP08, Nev99, Rin99, Tro18].
Safe-for-Space [BCL⁺98]. **Safety** [Hag02, Pla98, Ric99, SP00a, GPS14, Sam99, San04, SRA06, Taf13, Van97b, Ven98, Yan02].
safety-critical [San04]. **Salt** [Hol12].
sample [LZSS19]. **Sampled** [JYE⁺16].
sampling [MMN09]. **San** [ACM93b, ACM94d, ACM95b, ACM98b, USE89, USE92a, USE93b, USE98b, USE00a, USE02].
Santa [Gol94, WP10]. **SAT** [VSDK09].
Save [Pla93, Dye98]. **saving** [Mus09].
SC-preserving [MSM⁺11]. **SC'11** [LCK11].
SC2000 [ACM00]. **SC2002** [IEE02].
SC2003 [ACM03]. **SC98** [ACM98d, ACM98d]. **SC'99** [ACM99b].
Scalability [ABLM19, CCH11, GVT⁺17, Nak01, VP16, BWDZ15, DSEE13, MWK⁺06, RVOA08, VIA⁺05].
Scalability-Aware [GVT⁺17]. **Scalable** [BMBW00b, CC14, CH04, CKZ12, IEE94b, KUCT15, LMJ14, LNI⁺19, MLCW11, Mic04, SSB⁺22, SS96, ZLW⁺16, BMBW00a, BMBW00c, GW10, LZ07, Mao96, PWD⁺12, SCZM00, WZSK19]. **Scalably** [DELD18].
scalar [GL98b, ZCSM02a, ZCSM02b]. **Scale** [CC14, CJW⁺15, HC17, LA93, PWL⁺11, AG06, BCM⁺07, GOT03, JCP17, SMK10, SKV21, KBA08]. **scale-out** [AG06]. **Scaling** [HC17, AR17, ECX⁺12, KTLK13, SW16].
Scaling-Aware [HC17]. **SCALO** [GVT⁺17]. **scene** [RVR04]. **Schedulability** [Kim14]. **Schedulability-Aware** [Kim14].
Schedule [MQLR16, MLR15, NAAL01, WTH⁺12].
Scheduler [ABLL92, BDN02, FSPD17, GJT⁺12, QSaS⁺16, SRS98, SS95, ASSS19, DC99, DC00, FKS⁺12, GP05, HZ12, WTKW08, XSaJ08]. **Scheduler-Centric** [BDN02]. **scheduler-oblivious** [HZ12].
schedulers [NBMM12]. **schedules** [BCG13, CZ02]. **Scheduling** [BB20, BL94, BL98, BL99, CCWY17, FS96, FSPD16, FSPE20, GRS06, JLS99, KLDB09, LLKS12, MNU⁺15, NB99, PEA⁺96, PM14, RS08, SM19, SLG04, YDLW20, YWJ03, BL93, CS95a, CS95b, CCC12, DC99, DC00, EE10, EE12, FD95, FKS⁺12, GA09, HL07, JSMP12, KD22, KKJ⁺13, KBP⁺03, Mis96, OA08a, OA08b, OA08c, PAB⁺14, Pol90, ROA14, SCCP13, SLG06, ST00a, TAS07, WHJ⁺95, WXAL22, ZSB⁺12]. **Scheme** [ABN99, PJS15, SKKC09]. **Schur** [YFF⁺12].
Science [Gol94]. **Scientific** [CMBAN08, HLB94, LWSB19, WN10, BT01, BD06, Dan09, NJ00, Ano97c, Bra97].
scoring [TO10]. **Scotland** [AOV⁺99]. **SCP** [SLJ⁺19]. **Scratchpad** [VCM19, TPZ21].
Scratchpad-Memory [VCM19]. **Scriptics** [Ano00b]. **Scripting** [RBPM00]. **Scripts** [TLA⁺02]. **SDC** [AU21]. **Seamless** [CV98].
Search [AMRR98, BCCO10, LAH⁺12, Mah11].
searches [TCG95]. **Seattle** [ACM93c, IEE94a, IEE94d, LCK11, USE98a].
sec [AHW02]. **Second** [IEE89, IEE96, FR95]. **Section** [DSR15, MNU⁺15, CS12, DTLM14, SMQP09, YL16].
Section-Aware [MNU⁺15]. **Section-Based** [DSR15]. **sections** [NM10]. **Secure** [SV98].
Security [BRRS10, MS03, Way95]. **sedition** [Bak95b]. **SEDMS** [USE92b]. **See** [Swe07, AC09]. **segmentation** [BÇG14].
Select [KKDV03]. **selected** [Cha05].
Selection [AT16, CmL19b, GPB⁺17, PR05, Sta90, ZTN19]. **Selections** [BAZ⁺19].
Selective [Nak03, PR98, VACG09, AU21, MCRS10].
Self [LLLC15, Pet00, SEP96, BDF98, SLP⁺09].
Self-Allocating [SEP96]. **self-healing** [SLP⁺09]. **self-migrating** [BDF98]. **Sema** [Kor89]. **Semantic** [ARA20, BNS11a, BNS11b, BNS12].
Semantics [BR15, CKRW99, HEJ09, MP01, BLM06, CKRW97a, CKRW97b, KT17, RMV22, ZHCB15]. **Semantics-aware** [HEJ09]. **Semaphore** [Hol98b, Kor89].
Semaphores [Hol98c]. **semiconductor**

[Ano97b]. **Semidefinite** [YFF⁺12]. **Seminar** [Nev99]. **sense** [Bak95b]. **Sensible** [LMA⁺16]. **Sensitive** [CC04, RYSN04, ASSS19, DC99, DC00, PFH06, ZJS⁺11, LG04]. **Separation** [SCG95, TFG10, TVD14]. **September** [ACM93c, AOV⁺99, DLM99, FR95, Hon94, IEE89, USE98b]. **Sequences** [GH03, FTAB14]. **Sequential** [CV98, TLZ⁺17, TLZ⁺18, AAJ⁺19, CKRW97a, CKRW97b, ORS⁺06, SCG95, SNM⁺12]. **Sequentialization** [ITF⁺22, HLG19]. **sequentialization-based** [HLGD19]. **Serializable** [DELD18, MWP⁺21]. **serialization** [BHK⁺04]. **Server** [Ano00b, Cal97, Day92a, Day92b, Smi92, VB00, Zha00, CASA14, Est93, Gol96, Hig97, MEG03, SBB96, Sho97b, Sta90]. **server-side** [SBB96]. **Servers** [PHBC18, RCC12, BDM98, BBYG⁺05, BEKK00, KSB⁺08, RPNT05, SV96c, SV96a, SV96b]. **Service** [CGK06, GMW09, Hig97, PSM03]. **services** [LZ07]. **session** [Bak95b, HCD⁺94, IAD⁺94, VGR06]. **sessions** [Ano94e]. **set** [Aru92, KBF⁺12]. **Sets** [MNG16]. **Seven** [But14]. **several** [FGG14]. **shader** [PYP⁺10]. **shallow** [LVA⁺13]. **Shanghai** [IEE97]. **shape** [Cor00, GBCS07]. **SharC** [AGEB08]. **Shared** [BWXF05, BS96, DM98, EJ93, FJ08, GMR98, GH98, IXS18, LB92, MVZ93, MCT08, STY99, SLJ⁺19, Thr99, VB00, WC99, YMR93b, BMTZ21, BB00, Boo93, DLCO09, DPZ97, EKKL90, EV01, Gle91, ISS98, Jef94, MLC04, MKR10, NPC06, RGG⁺12, TSY99, TSY00, YMR93a, YN09, ZSB⁺12, dB09, Cha05]. **Shared-Memory** [BS96, DM98, EJ93, IXS18, MVZ93, MCT08, Thr99, WC99, BMTZ21, EKKL90, TSY00, YN09]. **shared-variable** [dB09]. **Sharing** [CLFL94, CB16, LLD17, RKK15, SP00a, Wei98b, ZJS12, AGEB08, AGN09, LTHB14, Sam99, SS95, TAS07, TE94a, Ver96, VPQ12, ZJS10]. **sharing-aware** [TAS07]. **sharing-based** [TE94a]. **Shelf** [MHG95]. **shell** [Ric91]. **Shift** [Ham96, Myl22]. **Shifting** [TVB⁺13]. **Shinko** [Ano00a]. **Shootdown** [PHBC18]. **Shop** [Bec00]. **short** [CPT08, Lie94]. **shortage** [Ano94b]. **Should** [EHP⁺07]. **SICStus** [EC98]. **side** [MMTW10, SBB96]. **sided** [QSHI16]. **SIGACT** [ACM93a, ACM94b, ACM95b, ACM98b]. **SIGCOMM** [RM03]. **Signal** [Eng00, BM91]. **Signals** [GRR06]. **Significance** [ZJS12]. **SIGPLAN** [ACM94a, ACM93a, ACM94b, ACM95b, ACM98b, ACM99a]. **SIGPLAN-SIGACT** [ACM93a, ACM94b, ACM95b, ACM98b]. **Silicon** [LB17, THA⁺12]. **SIMD** [FSYA09, SW08]. **Simple** [AKS06, Chl15b, WS08, BDLM07, CL00, MSM⁺10]. **SimpleGraphics** [MKK99]. **simplify** [PO03]. **Simplifying** [Pom98]. **SIMT** [CC18, LPK16, TCS20]. **SIMT-X** [TCS20]. **simulate** [MAF⁺09]. **Simulation** [For97, GV95, HPB11, JYE⁺16, MPD04, SLJ⁺18, VTSM12, WYT⁺20, WG94, Ano97b, BBH⁺17, KD22, KBF⁺12, Leg01, Lep95, MHW02, SWYC94, Sri93]. **Simulations** [HEMK17, LNI⁺19, LS11, SCD⁺15, ABC⁺15, KU17, LVA⁺13, VPQ12]. **Simulator** [SRS98, PWD⁺12, TSCH99, WZWS08, Nak03]. **Simulators** [BVL09]. **Simulink** [HYY⁺15]. **Simultaneous** [Ano05, CSK⁺99, EEL⁺97, GSL10, HMNN91, LEL⁺97a, LEL⁺97b, LPE⁺99, LEL⁺99, LRZ16, MCFT99, REL00b, SP07, SLG04, SHW19, SU01, ST00c, TEL95, Tul96, TEL98b, WS08, YG10, ABC⁺09, AAKK08, ABB⁺15, CCC12, EE09a, Fis97, HKN⁺92, HMN⁺92, LBE⁺98, Luk01, Mah13, MMM⁺05, MEG03, PHCR09, RCG⁺10, REL00a, REL00c, RM00, RPNT05, SLG06, SW16, ST00a, ST00b, STV02, SMS⁺03, TSCH99, TEE⁺96, VPC02, TEL98a]. **Single** [CLFL94, Dub95, EHP⁺07, FT96, HHOM91, JBK18, KH18b, KTR⁺04, MNU⁺15,

MTN⁺00, TCS20, CSM⁺05, MLC⁺09, Pra95c, VIA⁺05, YZ07, YSY⁺09]. **Single-Address-Space** [CLFL94]. **single-and** [YSY⁺09]. **Single-Chip** [HHOM91, MTN⁺00]. **Single-Instruction** [TCS20]. **Single-ISA** [KTR⁺04, MNU⁺15]. **Single-Process** [FT96]. **Single-program** [Dub95]. **Single-Thread** [KH18b, MLC⁺09]. **Single-Threaded** [EHP⁺07, JBK18, Pra95c, VIA⁺05, YZ07]. **Singleton** [Cha02, Rin99]. **SISC** [RGT17]. **situ** [LSW⁺18, RGK99]. **sixth** [USE98b, ACM94d]. **size** [LML00]. **skyline** [WZSK19]. **slave** [TJY⁺11]. **slice** [PSG06a, PSG06b, PSG06c]. **slice-based** [PSG06a, PSG06b, PSG06c]. **Slices** [MGQS⁺08, PF01]. **Slicing** [Kri98, FRT95, NR06]. **SlicK** [PSG06a, PSG06b, PSG06c]. **slower** [Pra95c]. **Small** [JLA16, Koo93, MM07]. **Smalltalk** [Bri89]. **Smalltalk-80** [Bri89]. **Smart** [ROPdIT22, Sim97]. **SMP** [BWXF05, BNH01, CRE99, HD02, KKH03, KkJ⁺13, Pra95c, TAS07, TMAG03]. **SMPs** [WG99]. **SMT** [Ano05, AH00, CY09, EE09b, EE10, EE12, FSPD16, FSPD17, FSPE20, HR10, KLG08, KH18b, KI16, MG99, MMM⁺05, NSP⁺14, PAdS⁺17, PAB⁺14, PLT⁺15, RYSN04, RPNT08, SLP08, SHW19, TAS07, TVB⁺13, VS11b, WA08]. **SMT-based** [KI16, PAdS⁺17, PAB⁺14]. **SMT-Directory** [HR10]. **SMT-SA** [SHW19]. **SMTp** [CH04]. **Snippet** [Nag21]. **SoC** [ZDTM19]. **SOFRITAS** [DELD18]. **Soft** [EUVG06, OA19, PSM01, PSM03, SSN10, VACG09]. **Software** [Ano97a, Ano98b, Ano99, Ano00b, BVM19, BCR01, BCG⁺08, Gar01, Gon90, GJ97, HB92, Han97, HSS⁺14, IEE94a, KE15, LPE⁺99, MKM17, PJS15, SZM⁺13, SD13, TVB⁺13, TLZ⁺17, TLZ⁺18, Tro18, XWG⁺14, YBL16, ATLM⁺06, AC09, Ano97c, ABC⁺09, BT01, Bra97, CDD⁺10, DPZ97, GLPR12, Hai97a, HSD⁺12, IEE94d, KKH04, KSD04, KASD07, LT97, Luk01, MWP07, MCRS10, MGL95, MEG03, NHFP08, OAA09, OL02a, OL02b, OL02c, PV06, RKM⁺10a, RKM⁺10b, RVOA08, San04, SP05, SLP⁺09, SB80, TNB⁺95, WCZ⁺07, WCV⁺98, YSY⁺09, ZHCB15, DWS⁺12]. **Software-Controlled** [BCG⁺08, Luk01]. **Software-Directed** [LPE⁺99]. **Solaris** [Cat94, Lun97, Lun99, MM01, McM97, Pra95b, Sun95]. **Solution** [Ano98b, SSK⁺18, SBC91, WP10]. **Solutions** [Ano00b]. **solve** [Bar09, MM07]. **Solver** [YFF⁺12, ÇM20, Kub15, RM99]. **Solvers** [MR09, Nak03, SSK⁺18, AAC⁺15, ZCO10]. **Solving** [ABD⁺12, FTAB14, Loe97, VSDK09]. **SONET** [AHW02]. **Sort** [GH98, RHH10]. **Sorting** [Ger18]. **Sound** [MWP⁺21, SMP19, WTH⁺12, DWS⁺12, FFY08, NFBB17, WQLJ18]. **Source** [Ano00c, BMF⁺16, BMF⁺19]. **sources** [SJ95]. **South** [ACM93a, Ano94d]. **Space** [BCL⁺98, BL93, BL98, CLFL94, CB16, Eng00, GRS97, GN96, NB99, PWL⁺11, Sch17, FWL03, KNPS16, KASD07, Lie94, LHS16]. **Space-Efficient** [BL98, NB99, BL93, KNPS16, KASD07, LHS16]. **Spacecraft** [SRS98]. **Spaces** [FKP15, Rót19, CKZ12, KGK09]. **Spain** [ACM95a, DLM99, ACM98c]. **SPARC** [Cat94, KAO05, MD96]. **Sparcle** [ABC⁺93]. **Sparse** [But13, YFF⁺12, CSV10, ÇM20, Dav11, DTR18, KS21, MM07, PHCR09]. **spatial** [WZSK19]. **spatially** [PPA⁺13]. **spatially-programmed** [PPA⁺13]. **Special** [Ano94e, GGB93b, KU00]. **specialization** [WTH⁺12]. **specialize** [CWS06]. **Specialized** [dlPRGB99]. **Specific** [Ste01, SP00b, Shi00]. **specification** [LPD⁺11, Stä05]. **specifications** [TVD10]. **Specifying** [BNS11a, BNS11b, BNS12, LPD⁺11]. **spectroscopy** [KC09]. **spectrum**

[DKF94, Sha95b]. **Speculated** [SCL05]. **Speculation** [MGI14, SU01, WS08, YBL16, DG99, GB99, JEV04, LWV⁺10, MT02a, MT02b, MT02c, NB12, PO03, PT03, RGT17, SCZM00]. **Speculative** [AH00, Ano01, Ano02, BF04, IBST01, KLG08, MGQS⁺08, MG99, MT02a, MT02b, MT02c, RKM⁺10a, RKM⁺10b, SR01b, TFG10, WWW⁺02, ZJFA09, ZL10, CHH⁺03, DC07, Dub95, KOE⁺06, KT99, LZW17, LZSS19, LZL⁺14, NB12, OL02a, OL02b, OL02c, PV06, SMS⁺03, VS11b, XIC12, ZCSM02a, ZCSM02b]. **speech** [LG04]. **Speed** [Ano00a, Ano03, GV95, HG91, MR09, HG92, Pra95b, SRS98, TO10]. **Speed-up** [MR09]. **Speedup** [Lun99]. **Spin** [LLS06]. **SPIRAL** [MJF⁺10]. **SPIRAL-generated** [MJF⁺10]. **splittable** [SLF14, SV21]. **spots** [Gle91]. **spreading** [CWS06]. **SPSM** [Dub95]. **SQL** [CGK06]. **squares** [FTAB14]. **squash** [MK12]. **SR** [BO96]. **SRAM** [kSYHX⁺11]. **SSMT** [CSK⁺99]. **Stabilizers** [ZSJ06]. **Stabilizing** [BCM⁺07]. **stable** [YCW⁺14]. **Stacey** [Ano00c]. **Stack** [Eng00, Xue12]. **Stackable** [Loe05]. **stacking** [KSB⁺08]. **Stackless** [MS15]. **Stacks** [ZWGX22, DESE13]. **StackThreads** [TTY99]. **StackThreads/MP** [TTY99]. **Standard** [DM98, FSS06, WKG17, Ano97c, BCL⁺98, Bra97, MT93, Pla98, Pla99]. **standardization** [Bet73]. **Standards** [Thr99, TTY99]. **Standing** [TLA⁺02]. **Stanford** [IEE99]. **STAT** [Ano00b]. **State** [Laf00, LP94, MP13, RRK11, Wei98b, Cor00, I⁺94, TFG10, WHG07]. **State-of-the-Art** [MP13]. **State-Retentive** [RRK11]. **Statechart** [KW17]. **Statechart-Based** [KW17]. **stateless** [AAJ⁺19, MQ08]. **Static** [GPS14, Kri98, Lun97, SCB15, SBE⁺19, WW96, vPG03, Fer13, NAW06, NA07, AFF06, FFLQ08]. **Static/dynamic** [SCB15]. **Statistical** [Ano00b, RCM⁺16, Lan97, RCM⁺12, Tem97]. **Stay** [GBK⁺09]. **Stealing** [SKV21, ALHH08, BL94, BL99, RL14, WYT⁺20]. **Step** [Sho97a, Sho97b, ZG98]. **Steroids** [JLA16]. **Stethoscope** [Caz02]. **Stochastic** [DK02, LTM⁺17]. **Storage** [AT16, Hol12, LCK11, ZWGX22, Bak95a, Blu92, DZKS12, KOE⁺06, MM07, PDMM16, PPGS20]. **stores** [RMV22, TAN04]. **strand** [RCV⁺10]. **strata** [NPC06]. **Strategies** [PSCS01, WLT19, AGEB08, FGG14]. **Strategy** [BGK96]. **Stream** [KSU94, SG18, SG18]. **Streaming** [HHOM91, HHOM92, KEL⁺03]. **Streaming/FIFO** [HHOM91, HHOM92]. **Streams** [Pre90, SPY⁺93]. **Strength** [Kon00]. **Strict** [Coo95, FS96, Tra91, KIAT99, SCG95]. **Strictly** [Ano00c]. **Strong** [CWHB03, KZC15, AG21, MTC⁺07, ZHCB15]. **Structural** [CKRW99]. **structure** [BB00, YKL13]. **Structured** [TCI98, FR95]. **Structures** [RCRH95, AGN09, Gol97, ND13]. **students** [Fek08]. **Study** [AGK96, Chl15a, EGC02, Ger18, HMT⁺96, LSB15, Sat02, TAK⁺00, VK99, WG94, YMR93b, BFSK20, Bri89, CASA14, CL00, Fis97, HJT⁺93, HF96, KPPÉRO6, LPD⁺11, MGL95, SP05, Sod02, Tsa97a, YM92, YMR93a]. **Style** [Wil94a, Wil94b]. **subdivision** [MTS10]. **subordinate** [CSK⁺99, CTYP02]. **Subsetting** [AJK⁺12]. **Substrate** [ACMA97, Hai97a, JP92]. **Subsumption** [Man91]. **Subtleties** [BLM06]. **Suffix** [OR12, LHS16]. **SugarCubes** [BS00]. **Suite** [BTE98, BO01, TG09]. **Suites** [SPDLK⁺17]. **SuiteSparseQR** [Dav11]. **sum** [TDW03]. **summary** [I⁺94]. **Summer** [Ano94f, USE92a]. **Sun** [McM97]. **SunOS** [Cat94, PKB⁺91]. **super** [Kus15]. **Supercomputer** [VTSM12, Gil94]. **Supercomputing** [ACM92, ACM95a, ACM96, Ano91, Ano94e, IEE90, IEE92, IEE93, IEE94c]. **SuperLU**

[Li05]. **SuperMalloc** [Kus15]. **Superscalar** [SU96, Div95, Fis97, Gul95, Loi95, Men91]. **Supertreading** [Tsa97b]. **Support** [ACM94d, ABLL92, BBG⁺10, CZS⁺17, CSS⁺91b, EJ93, GHG⁺98, KC99, Kno14, MKM17, ME15, MS89, NS97, PTMB09, SSP99, TY97, ZSA13, ATLM⁺06, BS06, BO96, CMF⁺13, CKD94, CHH⁺03, CSS⁺91a, CSS⁺91c, Evr01, Fan93, HMC95, MWP07, MEG03, MS87, Men91, TSY99, TSY00, TNB⁺95, WK08a, WK08b, WK08c]. **Supported** [AddS03, ZP11]. **Supporting** [RCRH95, Sam99, SP00a, DC99, DC00, TDW03]. **suppression** [JWTG11]. **Surface** [Rót19]. **surgery** [MCS15]. **Surprises** [BC98]. **Survey** [CA20, Man96, OA19, ZSB⁺12, Cat94, URŠ02b, URŠ03]. **Survival** [Ano99]. **Surviving** [Ano99]. **Svelto** [MCS⁺22]. **SVGs** [SSB⁺22]. **SVR4** [SPY⁺93]. **SW** [ZDTM19]. **swap** [MLS15]. **Swing** [Gea98]. **Switch** [GN00, Eic97, GWM07, TVB⁺13]. **Switching** [MSFC21]. **Switzerland** [Lak96]. **Sy** [USE01]. **Syantec** [Rod95a]. **symbiosis** [Bri89, EE10, EE12]. **Symbiotic** [FSPE20, ST00a, ST00c, ST00b, STV02]. **Symbolic** [ACM94c, BGC14, Hon94, Lak96, Wat91, BHKR95, Fuj97, HF88, HLGD19]. **Symmetric** [BMV03, NV94, BIK⁺11, Pra95b, RGK99, Sha98]. **Symmetry** [ES97]. **Symposium** [ACM93a, ACM93b, ACM94b, ACM94c, ACM95b, ACM98b, ACM98c, Ano91, Ano94a, Ano00a, Ano03, Gol94, Hon94, Lak96, USE91a, USE92b, USE93a, USE98a, Wat91]. **symptoms** [BFSK20]. **Synapsys** [Col90a]. **Synchronization** [Bec01, DSR17, Hei03, LA93, Rec98, SLJ⁺18, DHM⁺12, DESE13, MT02a, MT02b, MT02c, MTPT12, NLK09, PRS14, RD06, Ven97]. **Synchronization-Aware** [SLJ⁺18]. **synchronization-induced** [MTPT12]. **synchronization-related** [RD06]. **Synchronizing** [McM96a, McM96b, CZWC13]. **Synchronous** [BM07, HPB11]. **SynchroTrace** [SLJ⁺18]. **Synergy** [ZDTM19]. **syntax** [KT17]. **Synthesis** [CFC⁺22, FN17, FF20, HB15, LNI⁺19, MCS⁺22, Sch17, MP89, SR14, STR16, WQLJ18]. **Synthesizing** [GLPR12, Kim14, SRJ15]. **synthetic** [GJ11]. **System** [AddS03, ÁdBdRS08, AJK⁺12, Ano98a, Ano00b, ABN99, ABH⁺00, BMR94, BBD⁺91, BJK⁺96, BTE98, CLFL94, CC18, DNR00, FG91, Gei01, HMT⁺96, KMAG01, KS97, MS89, NPT98, PH97, PST⁺92, Pea92, PFP⁺22, PLT⁺15, QOIM⁺12, REL00b, SEP96, Sri93, SG96, TCI98, VSM⁺08, Yam96, YSS⁺19, ÁdBdRS05, AAC⁺15, Ano96, Ano97b, A⁺01, AR17, ASSS19, BBFW03, BDM98, BCHS00, BAD⁺10a, BAD⁺10b, BJK⁺95, BAD⁺09, BLCD97, Cat94, ÇM20, Gil88, Hig97, Joe96, JCP17, Lan02, MHW02, MS87, Met95, MTC⁺07, MC06, OCRS07, PRB07, Ply89, Pom98, REL00a, REL00c, RD99, She02, TKA⁺02, TLZ⁺16, TMAG03, WCC⁺07, WZWS08, WZSK19, TLA⁺02, EKB⁺92, MS87, Pea92]. **System-** [PLT⁺15]. **system-level** [OCRS07]. **systematic** [MQ07]. **SystemC** [RSB⁺09]. **SystemC/C** [RSB⁺09]. **SystemC/C-based** [RSB⁺09]. **Systems** [ACM94d, AG06, Ano00b, ABN00, BMN99, Bre02, BC94, CCH11, CvdBC18, Dru95, FMY⁺15, FGKT97, GHG⁺98, GJ97, HRH08, HKSL96, IEE89, IEE94a, KR12, KKH03, KG05, KUCT15, KW17, LLS06, LMA⁺16, LYH16, MS15, MSFC21, PPG11, PGB16, RW97, RR03, SUF⁺12, SS96, USE92b, Wal95, WC99, Zub02, Ano92a, Ano92b, BCM⁺07, BC02, Cat94, DCK07, DWYB10, DZKS12, DSH⁺10, DBRD91, GJ11, Gol96, GKK09, HJT⁺93, Hop98, HWW93, HBCG13, IEE94d, ISS98, JD08, Jef94, Jen95, KKH04, Kub15, LVN10, LLLC15, Leg01, LAK09, LVA⁺13, MLC⁺09, MGL95, MM07, NFBB17, PBDO92, PMCP22, RČV⁺10, RBF⁺89, RSB⁺09, RVR04,

SCCP13, She98, SP05, Sim97, SJB92a, SJB92b, ST05, Wei98a, WCV⁺⁹⁸, Ano98b]. **Systolic** [SHW19, PYP⁺¹⁰].

T [Ano00c, CSM⁺²¹, NPA92]. **T/TCP** [Ano00c]. **T1** [Wea08]. **T1/T2** [Wea08]. **T2** [Wea08]. **Table** [VB00, KNPS16]. **tabling** [AR17, AR19]. **Tabu** [AMRR98]. **Tail** [DGSB20, ASSS19]. **taint** [ZJS⁺¹¹]. **TaintEraser** [ZJS⁺¹¹]. **Take** [Wei97]. **taking** [Ano92b]. **Talking** [Ano94c, HCM94]. **TAM** [CGSV93]. **Taming** [Hol00, HBCG13, HHPV15]. **TapeWare** [Ano00b]. **Target** [MIGA18]. **targeting** [LGH94]. **Task** [CCK⁺¹⁶, GP95, GFJT19, Kwo03, Mar03, Mis96, Myl22, PM14, ABG⁺⁰⁸, CASA14, DCK07, KD22, OdSSP12, RCM⁺¹²]. **Task-Based** [GFJT19, Myl22]. **Task-Level** [GP95]. **Tasking** [CvdBC18, Dil93, KR01a]. **Tasks** [Fin95, PVS⁺¹⁷, TKK21, YSS⁺¹⁷, YSS⁺¹⁹, FGG14]. **Taxonomy** [HM96, SPH96]. **TC2** [BT01]. **TC2/WG2.5** [BT01]. **Tcl** [Ass96, USE96, USE98b, USE00b, Ama98, MKK99, SBB96]. **Tcl-based** [Ama98]. **Tcl/2k** [USE00b]. **Tcl/Tk** [Ass96, USE96, USE98b, USE00b, MKK99]. **TCP** [Ano00c, Ano00c]. **Teaching** [Fek08, CS00, She02]. **TeamWork** [CZWC13]. **Tech** [Ano97b, Gar01]. **Technical** [USE00a, Cat94]. **Technique** [JSB⁺¹², KG94, Lem02, ÖCS01, PGB16, JSB⁺¹¹, JPSN09, LGH94, MIGA18, RS07, UZU00, VACG09, WCV⁺⁹⁸]. **Techniques** [ARA20, CA20, DS16, EKKL90, GS02, Han97, NLK09, PWL⁺¹¹, TGBS05, Zig96, BR92, GEG07, OCRS07, Pra97, RCG⁺¹⁰, SV96c, SV96a, SV96b, ZSB⁺¹²]. **Technologies** [Ano00b, Ano98b]. **Technology** [Ano97c, Bra97, KM03, LB00, USE01, VSM⁺⁰⁸, KSB⁺⁰⁸, Tsa97b]. **TeleNotes** [WSKS97]. **temperature** [CCC12]. **Template** [Cal00, How98].

Temporal [CmL21, RMV22]. **Ten** [Ano99]. **Tennessee** [IEE94b]. **Tera** [BTE98, Mat97]. **Terabytes** [IEE02]. **Term** [BGK94a, BGK94b, BGK96, CmL21]. **Termination** [JBK18, TDW03]. **Test** [Ama98, EFN⁺⁰¹, GRS97, SPDLK⁺¹⁷, TG09, EFN⁺⁰², KI16, SR14]. **test-case** [KI16]. **Testing** [BBdH⁺¹¹, Goe01, KH18a, LCS04, RCC14, SK12, BGP06, CBM10, EFG⁺⁰³, EHSU07, MQ07, Sen08, YNPP12]. **tests** [SRJ15]. **Texas** [USE92a, USE00b]. **TFlux** [DTLW16]. **tgMC** [LHG⁺¹⁶]. **Their** [YWJ03, Gil94]. **them** [Ano92a, Ano94b]. **Theoretic** [ES97]. **theories** [LQ15]. **Theory** [ACM93b, LLD17, NFBB17, WLK⁺⁰⁹]. **there** [Ano94b]. **thermal** [WA08]. **though** [Ano94b]. **Thread** [Ano00c, ABN99, ABNP00, Bet73, BTL⁺¹⁹, BS99, CNQ13, Cal97, CmL19b, CC04, Cha02, CCWY17, Col90a, DSR15, DELD18, DGK⁺⁰³, Don02, DMSM18, DSR17, Eng00, FSPE20, FD95, FURM00a, FURM00c, FURM00b, GF00, GJT⁺¹², GP05, GBCS07, GBK⁺⁰⁹, Hag02, Hei03, HG91, ISS98, KG05, Kim14, Kle00, KH18b, KBH⁺⁰³, KBH^{+04a}, KBH^{+04b}, LPM17, LML⁺¹⁹, LZL⁺²⁰, LLL10, LYH16, LEL^{+97a}, LEL^{+97b}, Low00, LLD17, Man99, MG99, MNU⁺¹⁵, MGI14, MTN⁺⁰⁰, MB05, MCFT99, ND96, Pan99, PR05, PEA⁺⁹⁶, Pla02, Pla98, Pra95b, PGB12, PSCS01, RČV⁺¹⁰, RCM⁺¹⁶, RCG⁺¹⁰, Rec98, Ric99, Rin99, RYSN04, Rod95b, SKS⁺⁹², Sat02, STY99, SLG04, Sin97, SKK⁺⁰¹, SLT03, Ste01, TAS07, TLGM17, Wei98b, WG99, Wei97, Whi03, YBL16, ZP11, ZWGX22, AMRR98, ABG⁺⁰⁸, BKC⁺¹³, BHK⁺⁰⁴, BC02, CZSB16, CZ02, CSM⁺⁰⁵]. **thread** [DMBM16, DG99, DWYB10, Don92, DBRD91, Eic97, EE09b, Fek08, GP08, GOT03, GLC99, Hyd00, JEV04, KDM⁺⁹⁸, KC09, KBA08, KSD04, KASD07, LK13, LZW17, Lie94, LML00, LZL⁺¹⁴, Loe05, MLC⁺⁰⁹, MT02a, MT02b, MT02c, MC06,

OT95, PAB⁺14, PRS14, PKB⁺91, PO03, PT03, PGB14, QOQOV⁺09, RGT17, SKG⁺11, Sha95b, SLG06, SP00b, Shi00, SPH96, SS95, SD13, SLT02, Stä05, SJ95, SCZM00, ST05, SS10, Tan87, TE94a, TLZ⁺16, TCG95, Tra91, Van97b, Ven97, Ven98, WS08, YZ14, SKP⁺02].

Thread-Aware [LYH16]. **Thread-Based** [KG05, CNQ13, SKS⁺92]. **Thread-Level** [LEL⁺97a, LEL⁺97b, MG99, MGI14, YBL16, FURM00a, FURM00b, MCFT99, WS08, DG99, JEV04, KC09, MT02a, MT02b, MT02c, PO03, PT03, QOQOV⁺09, RGT17, SCZM00, YZ14]. **Thread-Local** [DGK⁺03, Whi03, ZWGX22].

Thread-management [RCG⁺10].

Thread-modular [GBCS07].

Thread-Private [Man99]. **thread-related** [TLZ⁺16]. **Thread-Safe** [Kle00, Pla02, DMSM18, Rin99, DMBM16, Fek08, GOT03].

Thread-Sensitive [CC04, RYSN04].

Thread-Specific [Ste01, SP00b, Shi00].

thread-switch [Eic97]. **threadbare** [Bak95b]. **Threaded**

[AGK96, BBG⁺10, BC98, Bed91, BGK94a, BGK94b, BGK96, CL95, CKRW99, CFC⁺22, Coo95, CSS⁺91b, DV99, EHG95, EHP⁺07, FdL02, GH03, GVT⁺17, GK94, Gil93, III01, JBK18, JY15, Jon91, KW17, Kri98, Kuc92, KIAT99, LK20, LB92, Mas99, MG15, MCS⁺22, MGK⁺00, MSU⁺16, NS97, PCPS15, Pul00, RKCW98, SV19, STW93, Sei99, Smi92, Ste01, SBKK99, TLGM17, VSDK09, VS11a, VB00, VCM19, WCT98, YDLW20, Ada98, AG21, ABD⁺12, AACK92, Ano97b, ASSS19, BWDZ15, BK13, BBH⁺17, BC00, BIK⁺11, DSEE13, CV98, CIM⁺17, CASA14, CKRW97a, CKRW97b, CWHB03, CSB00, CdOS01, CYZ98, cC91, CL00, Chr01, CR02, CSS⁺91a, CSS⁺91c, DS16, DGSB20, EFG⁺03, EBKG01, EHSU07, FTAB14, FD96, FF20, FGG14, GCRD04, GCC15, GS06, GH98, GPR11, HC17]. **threaded** [HLGD19, ITF⁺22, JCP17, KHP⁺95, KI95,

KKH04, Kep03, KRH98, Küc91, LK15, Lan97, Leg01, LBvH06a, LBvH06b, LBvH06c, LVA⁺13, MLCW11, MS03, MKK99, NFBB17, NH09, NSH14, OA08a, OA08b, OA08c, PYP⁺10, PMCP22, PR98, PWWD18, Pra95c, RČV⁺10, RKM⁺10a, RKM⁺10b, RBPM00, RGK99, RS08, SCB15, Sam99, SP00a, SC17, SE12, Sei98, Sho97a, Sho97b, SV98, Smi06, Sto02, SQP08a, SQP08b, SQP08c, Taf13, TSY99, TSY00, Tem97, TMAG03, TJY⁺11, VIA⁺05, VV00, VK99, Wal00, Wil98, XMN99, YZ07, Yee20, YSY⁺09, ZKR⁺11, dB09, vPG03, CGSV93]. **Threading** [BFA⁺15, CGS⁺20, CvdBC18, CNZS17, DHR⁺01, FNS⁺22, Hol98d, KS16, LKKB11, MLGW18, McC97a, McC97b, MS15, MP13, Nag21, Nor90, OR12, PTMB09, PFP⁺22, RCC14, Rei01, Sch90, SMZ18, TGO99, TCS20, YLLS16, Bak95a, BM07, DTLW16, FWL03, KD22, Kno14, LZW⁺13, MLC⁺09, MCFT99, NJ00, RRP06, RVR04, SQP08a, SQP08b, SQP08c, VDBN98, kSYHX⁺11, YKL13, CH04].

Threading-Based [KS16]. **ThreadMentor**

[CMS03, She02]. **Threads** [Alf94, Ano94c, ACR01, Ber96b, BCL⁺98, Boe05, BLPV04, BAZ⁺19, Cal00, CGR92, Col90b, Cri98b, Cri98a, TLA⁺02, FHM95a, For95a, For95b, GMB93, GSC96, GN96, Gus05, Hai97b, HW92, HBG01, Hol00, How00, HLH16, JLS99, KSS95, LP94, Lee93, Lee06, LB96a, LFA96, Man98, MKM17, MP89, McM96c, Nor96, PSM01, Pet00, Pet03, Pla93, Pra95c, San04, SEP96, TG99, WCW⁺04a, Wil94a, Wil94b, Wil97, Yam95, Yam96, dlPRGB99, Ano02, Bak95b, BZ07, Ber96a, BW97, BDF98, Bir89, BS00, But14, But97, CZWC13, Cal02, CPT08, Dra96, DESE13, DC99, DC00, FHM95b, FL90, GP05, Gol97, HCM94, HMC95, Hai97a, HBG02, HJT⁺93, HKT93, HKN⁺92, Hol98d, Hol98a, Hol98b, Hol98c, Hol99a, Hol99b, Kan94, KE95, KSS96, Lan02, LZ07, MSLM91, MR98, MQW95, McM96a, McM96b, McM98a].

threads

[McM98b, Men91, Mit96, MEG94, OW97, OW99, OL02a, OL02b, OL02c, ORS+06, PSM03, Pan99, PG03, PL03, RR03, Sch91, SCG95, SZG91, SZ92, SCM05, SKP+02, TAN04, WCW+04b, WCW+04c, WCW+04d, Wei98a, WCV+98, WW96, ZCSM02a, ZCSM02b, ZP04, ALW+15, Van97a].

Threads.h [Ano00b, TB97a, TB97b].

ThreadScope [WT10]. **Three**

[YMR93b, YMR93a]. **Throttling** [LG06].

Throttling-Based [LG06]. **Throughput**

[GJT+12, Wea08, ZDTM19]. **Tightly**

[MTN+00, LZTZ15]. **TileDB** [PDMM16].

Tiles [QOIM+12]. **Time**

[BC94, CIM+17, EJ93, GN96, IEE94a, JLS99, Kim14, LFA96, Lun97, MN00, PUF+04, PSCS01, SUF+12, SS96, Tet94, dIPRGB99, CS95a, CS95b, DC99, DC00, GB99, IEE94d, Jef94, Jen95, KBP+03, KASD07, KBF+12, MKK99, ND96, OT95, OdSSP12, PSM01, PSM03, RGG+12, San04, SZG91, SZ92, SM19, SJB92a, SJB92b, TSY99, TNB+95].

time- [KASD07]. **time-critical** [RGG+12].

time-efficient [GB99]. **time-shared** [Jef94].

timely [NH09]. **Timers** [Hol99a, GRR06].

times [LTMK21]. **Timethread** [BC94].

Timethread-Role [BC94]. **Timing**

[SK97, MHW02]. **timing-first** [MHW02].

tiny [Xue12]. **Tip** [Pet00]. **Tips**

[Mit96, Pet00]. **Tk** [Ass96, USE96, USE98b,

USE00b, TLA+02, MKK99]. **TLB**

[PHBC18]. **together** [Ano97b, Pol90].

Tokyo [Ano00a]. **Tolerance**

[EUVG06, OA19, MTS10, PG01, RRP06].

Tolerant [ÖCS01]. **Tolerating**

[Luk01, RBK+09, SKK+01]. **Tool**

[AddS03, Ano98b, Goe01, Kor89, LZL+20,

TAM+08, ACD+18, CMS03, CSB00, Hig97,

LMC14, RGK99, YNPP12].

Tool-Supported [AddS03]. **Toolbox**

[Ano97c, Bra97]. **Toolkit**

[MSU+16, SZM+13]. **Tools** [Ano98b, Cha05, EV01, WWW+02, EHSU07, Len95]. **Tools.h**

[Ano00b]. **Toolset** [Ano97a]. **Top**

[Ano99, AB02, DNR00, ZTN19]. **top-**

[ZTN19]. **Topaz** [MS87]. **topics**

[BGG95, GBG95]. **Toroidal** [KEL+03].

Totally [DHR+01]. **Trace**

[MWP+21, RS08, HEJ09]. **Trace-Based**

[MWP+21, RS08]. **Traces** [HEMK17,

MWP+21, SLJ+18, WKG17, HR16].

Tracing [Lem02, EKKL90, Tod95].

Tracking

[CZS+17, LH09, CZSB16, GB20, ZJS+11].

trade [AAC+15, Par91, KUCT15].

trade-off [AAC+15]. **trade-offs** [Par91].

Tradeoff [SHK15]. **tradeoffs**

[Aga89, Aga91, Aga92, Ann96, PJZA07].

Traffic [HLH16, TCF22]. **training** [MCS15].

Tranquilizer [PGB12]. **Transaction**

[LZS+08, RW97, SS91, DKG18, EQT07,

Ver96]. **Transaction-Aware**

[LZS+08, EQT07]. **Transactional**

[GMGZP14, KUCT15, MWP+21, RG03,

VSDL16, XWG+14, ZLJ16, ATLM+06,

BLM06, BDLM07, CMF+13, CNV+06,

GCC15, MLS15, MCRS10, MMTW10,

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