A Bibliography of Publications about Multithreading

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Title word cross-reference

#4 [Pet00].

+ [BMV03], 2 [TKHG04], 3
[KSB+08, PYP+10]. cyclical [YLLS16]. $D^i$
[Evr01]. $F^2$ [BCS11]. $LU$ [VD08]. $N$
[ZJFA09]. $\pi$ [III01]. $QR$
[But13, GKK09, VD08].

-based [Röt19]. -Calculus [III01].
-Machine [Evr01]. -way [ZJFA09].

.NET [Rob03, Tim03, DHR+01, Rei01].

/multi [Taf13]. /multi-threaded [Taf13].
'01 [USE01].

1 [BM91, McM98a]. 1003.4 [GL91]. 11
[ND16]. 11th [IEE94a, IEE94d]. '12 [Hol12].
16-20 [IEE92]. 162 [Stn95]. 1991
[Ano91, Ano94e]. 1993 [ACM93b]. 1994
[ACM94a, ACM94d, Hon94, IEE94c].

2 [BCG14, DN94, Kan94, Kel94a, Kel94b,
Mii95, Rei95, Ric91, Rod94, Sri93,
WCW+04b, WCW+04c, WCW+04d]. 2.0
[ACM01]. 2003 [RM03, ACM03, AS14].
20th [IEE95]. 21st [ACM94b]. 22nd
[ACM95b]. 25th [ACM98b, ACM98c]. 2k
[USE00b]. 2nd [Ano94d, USE98a].

3.0 [Bra97, BRM03, MRGB91]. 32-Way
[KA005]. 35th [Gol94]. 3D
[Ano97b, Loe97].
Abstract

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

Abstraction

[KI16, Bak95b, GPR11, ZSJ06]. AC [BGK94a, BGK94b]. Accelerate [JLA16]. Accelerating [BAZ+19, LS11, SMQP09, VGK+10a, VGK+10b]. acceleration [JSPM13, NBMM12]. Accelerators [NTR16, SGLGL+14]. Access [Kle00, Spe94, VB00, AKSD16, APX12, CDD+10, Hig97, KFG15, MAV05, Sch89]. access/execute [APX12]. accesses [DTK+15]. accessibility [SSkP+07]. Accounting [LMA+16, EE09b]. Accuracy [SHK15, TO10]. Accurate [CPT08, VTM12]. Achieving [AHWO2, SP05, KGGK90, WTKW08]. ACM [ACM93b, RM03, IEE02, ACM98b, ACM99a]. ACM/IEEE [ACM98d]. across [ZP04].

Activation [KG94]. Activations [ABLL92, DNR00, SS95]. Active [BK106, BDJ06, Pla02, Ten98, Wei98a, SD95, WHJ+95]. actors [Bre89]. actually [Pra95c]. Ada [ACM93c, Bar09, Dil93, GMB93, KPPÉR06, KR01b]. ADAM [Far96]. adaptable [LLLC15]. Adaptation [CMBAN08]. Adaptive [ABN00].

Adaptive

[ALHH08, HBTG98, KI95, LYH16, PM14, RCC12, STY99, SLG04, SLG06, SGS14, TLGM17, ZWL15, BS06, Chr95a, Chr95b, Chr96, SLG99, TKG04, ZLW+16].

Adding [Ply89, Ric99, MeM97]. Address [CLFL94, PWL+11, CKZ12, Lie94]. Addressing [WA08, CKD94, ZSB+12].

ADL [BVL09]. Advanced [BGG95, GBG95, Hei03, BZ07, GBB+05]. Advances [IEE97, JHM04, KKDV03, DLM99].


Albuquerque [Ano94e]. Algebra [KLD09, NBS+15, PHCR09, YSY+09]. Algebraic [ACM94c, Lak96, MR09, Wat91].

Algorithm

[AT16, ABC+09, CNZS17, HH11, MP13, OR12, Rót19, TO03, ZBS15, BKK17, GKK09, KGH12, KNPS16, LCH+08, Mah11, Mah13, SCG95, TKHG04, Dav11, HBG02, YFF+12].

Algorithmic [Lei97, BBH+17]. Algorithms [BP05, EJRB13, FS96, LA93, MNG16, NSP+14, Pan99, QOIM+12, TTTG02, YMR93b, Bar09, CFC+12, CLRS09, FR95, GM05, Lei97, Lep95, NFLB17, QQOV+09, RRJ12, YM92, YM93a, Li07]. algorithms-by-blocks [QQOV+09]. Algorithms-by-Tiles [QOIM+12]. aliasing [NA07]. Aligned [YWJ03]. alignment [KGPH12]. Allaire [Hig97]. Allieviate [BD00]. Alloc [KSU94]. Allocating
Allocation [MVZ93, Nak01, ZWL15, EFJM07, LLL10, Mic04, ZP04].

Allocator [BMBW00b, BMBW00a, BMBW00c].

Alpha [Ano00b]. alphabet [KNPS16].

alpha-independent [KNPS16].

Alternating [CYYL18]. alternative [SV96c, SV96a, SV96b]. Alternatives [MB99, 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, BE12, BE13, BBC+00, BLG01, BH01, CC04, CH95, CGL92a, CGL92b, DSR15, EJR13, Ha97b, Hol12, HLH16, LCK11, LML00, LMG+16, NBM93, REL00b, Rin01, RR99, SBC90, TAM+08, VP16, Yoo96a, Zub02, AC09, ACC+03, BGZ97, BBH+17, BP505, BMM09, CHH+03, CS12, CVJL08, Cor00, GBCS07, HEJ99, 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, WTW+12, dB09, vPG03].


analyser [Fer13, HLH90].

Analyzing [HRH08, Kor89, RHH10, TMCP10].

anatomy [Rei95]. Android [MKM14].

animation [WQLJ18].

Applications [Len95]. 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, LZW17, LZX+14, MS03, RCM+12, SCZM00, TP18].

Approaches [BZL06, MB07].

Approximate [HFV+12, GEG07, GE08, KJPH12].

Apps [PCM16].

April [Ano00a, Ano03, USE01].

arbitrary [BGC14].

Arc [CNS17].

Arc-Weighted [CNZ17].

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, KBB+04a, KBB+04b, KIAT99, Man91, MM01, MB99, PV+01, PTMB09, PKB+91, PS01, REL00b, RS08, SLJ+18, SCL05, SHK15, SSYG97, SK+01, SZ02, TKA+01, VK99, ZL10, ACC+03, AAHF09, Ano97b, BT01, Bon13, CL94, CHH+03, Cho92, Don92, Dub95, Evr01, Far96, Fuj97, Gal94, GDSA+17, GL98a, Gol96, HF88, HKN+92, HKN+92, I+94, KHP+95, KT99, Loi95, Mah13, MK12, Ném00, NPA92, PYP+10, PDP+13, PWD+12, REL00a, REL00c, RCDG06, SWYC94, Sod02, 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, JLS+94, LLKS12, LB92, LH94, LG06, LDT+16, MS02, MN00, NGGA94, QOM+12, RLP+09, SGM+97, TG99, THA+12, Tra91, TJJY98, TSV12, W94, WXG+14, ZAK01, ABD+12, ABC+15, ABC+09, BIK+11, BS10a, CML00, CF+12, Cat94, DTR18, FTAB14, GGB93b, Gk95, Gi94, GL98b, HFV+12, ICH+10, JMS+10, LM14, Lu94, MLWC11, MLC04, Mus09, OCRS07, PT91, PPA+13, PJZA07, PHCR09, RHH10, RKBH11, SBCV90, Sch98, Sha95b, SLG06, Sqt94, SMQF09, Ska01, TE94a, The95, TKHG04].

**Area** [AMPH09, FGT96, Par91].

**Area-efficiency** [AMPH09].

**Aren’t** [Sut99].

**Ariadne** [MR98].

**arising** [ArV90].

**Array** [GS06, LHS16, PDMM16].

**Arrays** [BWXF05, AR19].

**arrow** [GE08].

**arrow-type** [GE08].

**Art** [MP13, I+94].

**artificial** [KU17].

**ASAT** [SEP96].

**Ashes** [Thr99].

**ASN** [CWJ+15].

**Aspects** [SB80].

**ASPLOS** [ACM94d].

**ASPLOS-VI** [ACM94d].

**Asserting** [BS10b].

**assertion** [ÁdBdRS05].

**assertion-based** [ÁdBdRS05].

**assessment** [Mah13].

**Assignment** [BC98, RCM+16, 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, MK+06, RBK+09, SCCP13, SMQF09].

**Asynchronous** [HH11, KFG15, KG07, KSD04, TP+18, Yoo96a, GMR09, Kho97, KASD07].

**Asynchrony** [SRU98].

**Athena** [Egg10, Hud96].

**ATL** [SW97].

**Atlanta** [ACM99a].

**Atomic** [KKS+08, RD06].

**atomicity** [BLM06, BNS11a, BNS11b, BNS12, FF04, FF04, FF08, FLQF08, WS06].

**atoms** [ND13].

**Atomizer** [FF04, FF08].

**Augmented** [BGP06].

**Automate** [ACM99d].

**Automata** [ES97].

**Automata-Theoretic** [ES97].

**Automated** [BSS14, DRV02, KZC15, TR14].

**Automatic** [BVL09, BNS11a, BNS11b, BNS12, FF04, FF04, FF08, FLQF08, WS06].

**Automatically** [NWT+07, TG99, CJ91].

**Availability** [SP07].

**AVP** [Ano00b].

**Aware** [AGJ18, BHP+03, CCY17, FSPD16, FSPD17, GY+17, HC17, Kim14, LZZ+08, LYH16, MNU+15, PR05, SLJ+18, EQT07, EE09a, HEJ09, LAH+12, MR09, NB12, PAB+14, PGB14, TNS07, 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 [KMAG01].
Balancing [HBTG98, KC98, KRH98, PGB16, THA+12, ZP04, Chr95a, Chr95b, Chr96, LTL+16, MKI004]. Baltimore
[IEE02]. Bandwidth [FSPD16, LTL+16].
Bandwidth-Aware [FSPD16].
Benchmarks [BTE98, EHSU07, Mul03].
Beneﬁts
[Pet03, Ano95a, Ano95b, Boe05, MMTW10].
Better [BDM98, Pla99]. Between [WG94, Pan99, SS95, Yam96, ZCMS02a, ZCMS02b].
Beyond [EKB+92]. biased [RD06].
Bibliography [Bee98]. Big
[JLA16, AC09, CDL13, LTL+16, LHS16].
BIGSAM [Ply89].
Binary
[BCCO10, KBF+12, TJY+11]. binding
[RCC+10]. Birthmarking
[TLZ+17, TLZ+18]. bisection [RRMJ12].
bit [Kus15, SBK99]. 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].
Bonni [Wat91].
Book
[Lar97, Van97a, Vre04].
Bookshelf
[Ano99, Cro98, Wil97, Wil00].
Boost.Threads [Kem02]. Boosting
[AKSD16, APX12, MLC+09, YZ07]. boosts
[McM97].
Bootstrapping [KH18].
Borland
[Ke94a, Ke94b].
Borrowed [DC99, DC00].
Borrowed-virtual-time [DC99, DC00].
Boston [Ano94f]. Both
[KZC15, ZCBS16].
Bothnia
[CCW+11].
Bottle [DSEE13].
Bottleneck
[JSMP12].
Bottlenecks
[SU96, Zub02, DSEE13, C12, DSG17].
Boulevard
[ACM99b]. bounded
[LZTZ15, PAdS+17].
Bounding
[Lun97, Lun99, MQ07].
BowMapCL
[NTR16].
Box [Ano00b].
Braids [BS06].
Branch
[AKS06, EPAG16, IBST01, CTYP02, CPT08, GL98b, MT510].
branches [UZU00]. breadth [LAH+12].
breadth-ﬁrst [LAH+12]. breakpoint
[Ram94].
Bridge [Ano00b].
Bringing
[RBH11, VDBN98]. brief [Hay93].
Briefs
[Gar01]. bringing [Pra95b].
Bringing [Jon91].
Broadcast
[SW08].
Broadcast/Reduction
[SW08].
brackers [Sch98].
Browsing [HF96].
BSD
[SS95].
BSDCOn [USE02]. BSR
[SYHL14].
BTRIMER
[TJY+11]. buffered
[DLZ+13]. buffers [Koo93].
bug
[BMW12], bugs [JWGT11, VTSL12].
built [KSB+08]. Building
Building-Block  [KS97]. | bulk  [RD06].
Builddozer  [BBSG11]. | Bunka  [Ano03].
Burrows  [LHS16, NTR16]. | Bursty  [HMCP16].
Bus  [MKC97, Cat94, HHPV15]. | Bus-Based  [MKC97].
Bytecode  [ABH+01, Coo02, GH03, A+01, CAR08].
C  [Kel94a, Kel94b, Lev97, Pla98, Rod95a, Vre04, Ait96, AGEB08, Ano99, BM94, Bau92, Bed91, BYLN09, BPL07, BA08, CFK+91, CGR92, Dug95, Eng95, Fin95, For95a, For95b, Gib94, Han97, HSD+12, HSS+14, HTZ+97, HH97, Jou91, KD97, LaF00, Lea96, Man91, Mil95, Mix94, ND13, ND16, Pet00, Pla93, Pom98, PS07, Pul00, Ric91, Röt19, SG18, SC17, Sch90, TB97a, TB97b, Vol93, Wal00, Yam95, Yam96].
C#  [KPPER06, Sta05].
C-based  [RSB+09].
C-Stream  [SG18].
C/C  [Pla98, Pla99, BYLN09, ND13, ND16, Pet00, Pul00].
C3I  [BTE98].
CA  [ACM94d, IEE89, USE01, USE02].
Cache  [BCZY16, CMX10, CCWY17, FJ08, GBP+07, GL98a, HLO8, HKSL96, KLS92, KET06a, LLD17, PEA+96, PPG11, SLJ+19, WGF94, ZJS12, ZLL15, Car99b, Cho92, KHP+95, KLI+99, MRK10, Raj93, Sha95a, SSK+07, WCZ+07, ZJS10, ZKR+11].
Cache-conscious  [GBP+07].
Cache-oblivious  [HL08].
CacheFlow  [KET06a].
Cacheline  [PBL+17].
Caches  [FJ08, PHBC16, KGGK09, ROA14].
Caching  [DNT16, KC99, Boo93].
calculations  [BD06].
calculi  [LVS01].
Calculus  [III01, ORH93].
Caldera  [Ano97a].
Calif  [ACM01].
California  [ACM93b, ACM95b, ACM98b, IEE99, USE93, USE91a, USE93b, USE96, USE98b, USE01].
Call  [GSC96, Hub01, ORH93, Xue12].
callbacks  [VS96].
calling  [TTY99].
VIA+05, Wea08, ZM07, CSM+05, DTK+15,
GA09, KT99, MWK+06, SMK10, SKKC09,
TEL95, TEL98a, TEL98b.

Chip-Multiprocessor [PPG11, KT99].

Chip-Multiprocessors [KL00, LMJ14].

Chips [Ano00a, Ano03, IEE99]. Chiron
[TNB+95]. Chiron-1 [TNB+95]. Choice
[III01, TEE+96]. Cholesky
[CDM+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, Rött93, VE93,
CS00, MSLM91, Yam96]. Classes
[Cal00, Fek08, How98, Lam95, SC17].

Classical [JSB+12, JSB+11]. Classics
[Wil00]. Classification
[KZC15, LMJ14, LCH+08]. classifying
[NWT+07]. Claus [WP10]. Client
[Day92a, Day92b, Si95, Go96].

client-server [Go96]. Client/Server
[Day92a, Day92b]. clients [CDL13].

climbing [CY09]. Clique [MIP13]. Closure
[YM92, YM92a, YM93]. cloud
[FKS+12, GDS+17]. clouds [FGG14].

Cluster [BNH01, CEE99, HDO2, KKH03,
Kwo03, SCD+15]. Clustered
[GSL10]. Clustering
[JY15, LK15, RVR04, TAS07]. Clusters
[BWXF05, WG09, ZBS15, BMV03, FWL03,
TMAG03]. CMP
[TAS07, AMPH09, CWS06, ICH+10, LLL10,
SLJ+18, SSkP+07, ZIS10, ZIS12].

CMP-based [LLL10]. CMPs [GW10,
JSMP13, SQP08a, SQP08b, SQP08c, YL16].

Co [Goo97, SG18, AMPH09, BBH+17].

code-design [BBH+17]. code-optimization
[AMP09]. Co-processor [Goo97].

Co-routine-Based [SG18]. Coarse
[NS97, ZM07]. Coarse-Grain [ZM07].

colored [Lep95]. Code
[BBdH+11, Coo95, HY+15, JSB+12,
Kim14, KEL+03, MS02, NS97, ND16, PR98,
Roh95, RNSB96, TGBS05, Tra91, Ann96,
BB00, JSB+11, SJ95]. Codes
[CMBAN08, PHCR09, PT03]. Codesign
[HPA+15]. Codesigned [MKM17].

cognitive [MC+15, PWD+12]. cognizant
[KL13]. Coin [SC06]. Cold [Hig97, Hig97].

Collaborative [VSDK09]. Collection
[AKP99, LB92, PUF+04, PF01, QSaS+16,
KTK12]. Collections
[Kle00, McM98a, McM98b]. collective
[HMC95, SCB15]. collector [BBY+05,
DL92, HL92, WK08a, WK08c, WK08b].

coloring [CFG+12, GP05, SS10]. Colt
[WN10]. Combinator [KLS92]. combined
[UZU00]. Combining
[KR01a, L207, CZSB16, ZLW+16]. come
[Pol90]. COMET [RCC14]. Coming [LS07].

Commands [KD97]. Commercial
[SBKK99, BEKK00, EJK+96]. Commodity
[ZL16, LVN10, RPNT08]. Common
[Hol98a, Kuc92, BDF98, BDLM07, CL00,
Kuc91]. Communication
[ABN00, BDJ06, DSR15, EHG95, FKT96,
FGKT97, GMR98, HY+15, OA08a, OA08b,
OA08c, Pan99, PWL+11, Rod94, SKK+01,
TAK+01, TCG95, BR92, DBRD91, GRS06,
KASD07, Lam95, QSHH16, RR96, RR03,
TG09, TAK+02, VS96, WHJ+05, ZCSM02a,
ZCSM02b]. Communications [Ano03,
BMN99, FJ08, SCB15, Sho97b, TP18].

Commutativity [AC09]. Compact
[HEMK17]. compaction
[WK08a, WK08b, WK08c]. Comparative
[SKP+02, Yoo96a, PL03]. Comparing
[KPP+06, SV96c, SV96d, SV96b].

Comparison [ILFO01, SAC+98, GL98b,
KIM+03, MKIO04, MMTW10]. Compass
[PWD+12]. Compatible [MM14, LBH12].

competition [YL16]. Compilation
[ACMA97, HLB94, BRRS10, GC92,
HCD+94, TSA97b]. Compile
[CS95a, CS95b, TSY99]. Compile-time
[CS95a, CS95b]. Compile/run [TS99].
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, TY97, TGBS05, YBL16, ZCSM02a, ZCSM02b, ZP11, BCG+95, BAD+10a, BAD+10b, BVC97, CAR08, CSS+91a, CSS+91c, DC07, Dub95, Hop97, JSB+11, MSM+11, MCM97, Mü13, KRCW98, Sch91, SKK09, UZ00, WLG+14].

Compiler-assisted [Dub95]. Compiler-Controlled [CSS+91b, SCv91a, SCv91b, CSS+91a, CSS+91c, Sch91]. Compiler-directed [DZKS12, SKKC09]. Compiler-Driven [YBL16]. Compiler-Supported [ZP11]. Compilers [SS96]. Compiling [ABNP00, ABH+01, TLA+02, HTZ+97, Sch91, Sh98, A+01].


Computation [ACM94c, BFA+15, CSW06, HLB94, Hon94, HWW93, Kuc92, Lak96, OTY00, Wat91, BHKR95, Fun93, Fu97, KG07, Kic91, Nj00, Sha98, ST98, WHJ+95].

Computational [LNI+19, PCPS15, Bar09]. Computations [BL98, FS96, KC98, Kc99, WJ12, YWJ03, Bh92, BL93, BL94, BL99, Chr95a, Chr95b, Chr96]. Compute [BBSSG11]. Computer [ACM98c, Ano94a, BVL09, CBW+00, Go94, BD06, DNB+12, GK05, T+94, PBDO09, WQL18]. Computers [Ano94e, SS96, BCM+07, Boo93, LP09, SJ95].

Computing [ACM93b, ACM98a, ACM98d, ACM00, ABC+93, Am98, CT00, Den94, EJ93, FTP11, FGKT97, Gar01, GRS97, Ham96, Hoi12, HG91, IE94b, KR12, Kon00, LCK11, LFA96, ME17, SRU98, SZ2, USE93a, Wea08, WN10, BGG95, BD06, Dan09, FWL03, GBC95, GS02, HFG8, HG92, IE97, Joe96, Kim94, KU17, Lan97, Leg01, Lu95, Mar07, PWD+12, SBCV90, Sta90, SKA01, Tem97].

Concept [AMdBDRS02, BBFW02, KA97]. Concepts [McC97a]. Concrete [NSP+14].

Concurrency [BM94, GMGZ14, MLLR16, ME17, NFB17, ZW15, BA08, But14, CBM10, DKG18, GCC15, HZD13, L207, NM12, NJK16, RR96, RR03, SK12, VTS12, Yan02, ZLW+16, dB09, SB80].

Concurrency-preserving [NFB17]. Concurrent [ILFO01, KD97, KCC99].

Conference [ACM92, ACM93a, ACM93c, ACM94a, ACM94b, ACM94d, ACM95a, ACM95b, ACM96, ACM98b, ACM98d, ACM99a, AM90, ANo94a, AV+99, BT01, Hoi12, IEE94b, IEE95, IEE96, IEE02, LCK11, USE89, USE91b, USE92a, USE93b, USE98b, USE00b, USE00a, Ano94d, Ano94f, Est93, KDV03].

Condition [Hol98c, Yan02]. Conditional [IBST01, NA07]. Conditions [NM96].

Compliance [BGK96, BK96, Lun97, Man98, BGK94c]. Confident [NSH14].

Commitment [ACM92, ACM93a, ACM93c, ACM94a, ACM94b, ACM94d, ACM95a, ACM95b, ACM96, ACM98b, ACM98d, ACM99a, AM90, ANo94a, AV+99, BT01, Hoi12, IEE94b, IEE95, IEE96, IEE02, LCK11, USE89, USE91b, USE92a, USE93b, USE98b, USE00b, USE00a, Ano94d, Ano94f, Est93, KDV03].

Confidentiality [NSH14].

Conflict [NJK16, vPG03]. Conformant [Stu05].

Congress [Ano94d]. conjunction [Ano94e]. Connect [Ano00b]. conquer [FN17, TP18].

Consistent [GBP+07]. Consistency

D [KSB+08, NTKA99, PYP+10, TKHG04]. Daemon [Spe94]. DAG [LQ15]. Dallas [ACM00, USE91b]. Dame [IEE96]. dans [Zig96]. DARPA [Mat97]. Data
[Ama89, ABP00, DTL16, EW96, FH95a, GAC14, HMC97, HR98, Hig97, HLI16, JMS+10, JGS+19, KZC15, KEL+03, KET06a, KET06b, LPM16, LMJ14, LLD17, ME15, ME17, RCRH95, SBN+97, SAC+98, SYY97, SG96, Ten98, TESK06, VT96, Wli98, ZLJ16, ZAK01, AGB08, AGN09, BAM07, CS95a, CS95b, CDL13, DHM+12, Evr01, FH95b, FK12, HL93, LTL+16, LHS16, Maa96, MNN09, NWT+07, ND13, PDM16, PRB07, PHCR09, Po09, PS03, PS07, PT03, Sha95a, SP00b, Shi00, Sin99, SKC09, WDC+13, YKL13, ZIS+11].
data-centric [DHM+12]. Data-Driven [DTL16, KET06b, ME15, ME17, TESK06, Evr01]. Data-Parallel [ABP00, SAC+98, HMC97]. data-race [MMN09]. Database
[BAZ+19, KDD07, MM14, YM92, YMR93b, Hig97, LBE+98, YMR93a]. Databases
[AV+99, GDS+17, HL08, MIGA18]. Dataflow [CVJL08, GGB93a, Gao93, HPB11, HKSL96, LH94, NBM93, RSBN01, SRU98, Tra91, YMR93b, BGG95, GGB93b, GCG95, 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, Mon00, Ver97, ABF+10, SR14, WLK+09]. Deadlocks
[CC+14, CJW+15, CZW13, JPS99, PRB07]. dealiased [RB18].Deallocation [LPE+99]. death [Len95]. debate [Bak95b]. debug
[PT03]. debugger [CB89, CB90].

Debugging
[An098b, Caz02, HWZ00, MQL16, PHK91, SJB92a, SJB92b, BGZ97, MLR15, WOKH96].
decentralized [RPB+09]. Decision
[LFA96, LQ15]. Decisions [JGS+19]. decomposition [JVE04]. Decompression
[PBL17]. Decoupled
[DO95, IXS18, APX12, Evr01, RVOA08, RCGD06, SAK01, V96]. decoupling
[KGGK09, PG01]. Decoy [MIGA18].

Deductive [AdBDR08, BK13]. Deeply
[GC17]. Defect [OB13].

Defragmentation [PVS+17]. Delaunay
[ABC+09]. Delivering [SCCP13].

DeLorean [MCT08]. Demand [KKJ+13]. Demand-based [KKJ+13]. Demus [Sri93].

Demus-2 [Sri93]. dense [ABD+12, MM07]. Dependable
[SUF+12]. Dependence
[CSZ+17]. dependences
[BKC+13, CSZB16]. dependencies
[NPC06]. Deployment [GARH14]. Depth
[McM96a, McM96b, McM96c, McM98a, McM98b]. Derivation [Kim14]. Derivative
[TT03]. describes [Yam96]. Design
[ACM94a, ACM99a, Ano94c, BRM03, BC94, CL95, GMB93, GRS97, GMR98, Ha97b, JGS+19, KHP+95, Lahf00, MB99, NBM93, Raj93, RCGD06, Sch17, STW93, Sha95a, SWY94, SBK99, The95, TAM+08, Ven98, ZBS15, AMPH09, BBH+17, BO96, Car89b, FKL03, HCM94, Hu96, KU17, KGGK09, Mah11, Met95, Mop95, Mop96, MKR02, Ném00, OKID92, OCRS07, RSB+09, SB00, Siri93, Ver97, WLG+14, Wan94, WCV+98].
Xue12]. designed [San04]. Designing [Dru95, GJKZ12, RR93, Rei95, TSV12, Hai97a, TCG95]. Desktop
[ANO97a, FURM00c, FURM00a, FURM00b, Mar07, Pran95b, WS97]. Desktops [ANO94b]. despite [Len95]. Destructing
Detection [ABF10, CC14, KUC15, KBW17, LSS12, VSD16, BAO00, TLZ17, TLZ18, ZLJ16, AFF09, CL10, CVJL08, FF90, HR16, LLLC15, LTHB14, MKM14, MN09, NBMM12, NAW06, NA07, PS03, PS07, PFC06, RVS13, RM00, SR14, Sch99, TLZ16, TDW03, WDC13, ZKR11, DWS12]. Detector [SB10, SLG06]. determined [Kub15]. determination [BS10b, LW17, LZW13]. Deterministic [DK02, KRB12, LB17, LSS12, VSD16, BAD10, BAD10b, BAI9, Bon13, DLCO10, DNB12, LZW14, MAAB14, OAA09, QSH16]. Deterministically [MCT08]. DetLock [MA14]. develop [Fek08]. Developer [IEE96]. developers [Way95]. Developing [SP90b, SH10, TKA91, OT95].
Development [ANO97a, Ano98b, Ano99, Gil88, SRI95, Tet94, ARvW03, Hig97, POM98, TNB95]. devices [Xue12]. diagnosing [CS12]. diagnostics [GBB95]. diagrams [SK12]. Diego [ACM93b, ACM98b, USE98, USE93b, USE98b, USE90a]. differences [Yam96].
Direct [PR98]. Direct-threaded [PR98]. Directed [LPE99, STR16, AR19, DZKS12, Fan93, Sen08, SKKC09]. directory
[QSQ14, HR10]. DISC [Don92]. disciplines [Bar09]. discrete [Leg01, TKHG04, WLD9]. discussion
[SH97a, Sho97b]. Disintermediated [BDJ06]. Disjoint [SJA12]. Dispo [MGK90]. Dissecting [ACC93].
Distance [BCZ16, KZ15, KNPS16]. distinguished [HL93]. Distinguish [ABH91, TKA91]. Distributed
[ABNP00, ABH91, BBD1, BWX15, BHKR95, BC94, CV98, CJK95, DKA16, FSS90, GJ97, Jen95, MGK+95, PG92, Pra95a, RLJ10, RPB00, RW97, RCR95, SUL12, TDW03, USE92b, VS96, Ys95, Ano96, A+01, BCG95, CML00, Car99a, Gol96, GKK99, Gun97, HMC95, HWW93, HBCG13, IEE97, ISS98, Leg01, MS03, MLC04, MGL95, MKK99, Ono97, Pah91, Ply99, QSQ14, St02, Tod95]. Distributed-Memory
[RCR95, BCG95, HWW93]. Distributed-sum [TDW03]. Distribution [SSY97, ZAK01, CY99]. divergence [MTS10]. divide [FN17, TP18]. Divisors [Kuc92, Kic91]. DMP [DLCO99]. Do [Cri98b, Cri98a, RPNT08, Ber96a, Ber96b, YLLS16]. Dock [BCS11]. Docking [BCS11, TO10]. documentation [HF96].
Does [Hag02, RKK15, ZJS10, San04]. doing [Yam96]. domains [LA09]. données [Swi09]. Don’t [HHV95].
Don’t [YEF93]. DoubleVision [Ano00].
downdating [YV11]. Downturn [Gar01].
DRAM [LLKS12, kSY11]. DRAMs [ALS99]. driver [CCW11]. DSLs [KKH17]. DSM
[ABH90, AB01, AB02, BDF98, KKH04].
**DSM-PM** [AB02]. **DSM-PM2** [AB01].
**DSMs** [FBF01]. **DTS** [BHKR95]. **Dual** [BBC+00, EHG95, KST04, DK02, MB05, WS08, CCW+11]. **Dual-Core** [KST04, MB05]. **Dual-Level** [BBC+00, DK02]. **Dual-personality** [CCW+11]. **Dual-Processor** [EHG95].

**Dual-Thread** [MB05, WS08]. **Duplex** [KG05]. **Duplication** [Kwo03]. **Dynamic** [BPSH05, CJW+15, FSYA09, HSS+14, Hig97, KMAC01, PCK96, KC98, KC99, KUCT15, MVZ93, MTS10, Nak01, PBL+17, RCROH95, RS08, SBN+97, SLG04, SKK+01, Sta90, SG96, WHG07, XMN99, ZKW15, ZKR+11, ZL10, AR17, CAR08, Chr95a, Chr95b, Don92, FF04, FF08, FFY08, FF09, HSD+12, JPSN09, KBF+12, LSS12, MK12, Mic04, NHFP08, SCB15, SLG06, TJJ+11, WW96, BK13].

**dynamic-multithreading** [LSS12].

**Dynamically** [PGR12, TLGM17, DMBM16, Kep03].

**dynamically-typed** [DMBM16].

**Dynamics** [LNI+19].

**e6500** [BGH+12]. **Early** [GL91, PBL+17, SLPO8]. **EARTH** [HTZ+97, HMT+96, Sdo02, TAK+00, TKA+01, TKA+02, TMG03, Nak03].

**EARTH-MANNA** [HMT+96, Sdo02].

**Easy** [Har99]. **Easysoft** [Ano00b]. **ECMA** [Stu95]. **ECMA-162** [Stu95]. **economics** [Bar09]. **Edinburgh** [AVO+99]. **edit** [KNPS16]. **Editors** [GGB93a, GJ97].

**Education** [Gar01]. **effect** [BAD+09, GL98b, YSY+09]. **Effective** [ABLL92, DN94, GH03, GMZP14, NAW06, NSH14, PGB16, RVS13, Sat02, TMC09, TY97, CBM10, Jsb+11, MMN09, MTC+07, Ska01, Tsa97b]. **Effectiveness** [PR05, TE94b]. **Effects** [Cho93, HRH08, KHL+99, KRB12, NHFP08]. **Efficient** [TTKG02]. **Efficiency** [AJK+12, Ano05, THA+12, AMPH09, FGG14, GA09, MMM+05, MWK+06, Pra95b, RCG+10, SP05]. **Efficient** [AD08, ALSJ09, ALF94, ABN99, BCZY16, BGDmWH12, BJ+96, BL98, BMN99, CZS+17, CYYL18, CCM+02, DMBM16, Gao93, GJT+12, GRS97, GS06, GN96, HCMP16, HSS+14, HR10, HEMK17, KPC96, KASD07, LS18, Lem02, LHG+16, LZBW14, MB07, MAAB14, NB99, PS03, SP07, TY97, TGS05, ZL16, ATLM+06, BL93, BJK+95, BHK+04, EKKL90, FWL03, FF09, GB99, HSS+12, KSB+08, KNPS16, KSD04, LK13, LW+10, LHS16, LZW+13, MSM+10, NLK09, OAA09, Pan99, PSG06a, PS06b, PSG06c, PRS14, PS07, RL14, 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** [Pul00].

**Element** [HBGTG98, MS02]. **elementary** [HKN+92]. **elide** [MLS15]. **Eliminating** [DSG17, OCT14, RD06, MTP12].

**elimination** [MK12]. **elision** [NM10].

**Elliptic** [Loe97]. **EM-4** [BAM93, SKS+92].

**Embedded** [BGH+12, DS09, Dru95, GKCE17, KG05, KE15, MS15, WM03, DCK07, KV+10, KASD07, KBF+12, LLLC15, LBvH06a, LBvH06b, LBvH06c, RSB+09, SKP+02, Xue12].

**Embedded-Systems** [Dru95]. **Embedding** [Pul00]. **emergencies** [MTP12].

**Emerging** [VSM+08, GBP+07, HVF+12]. **empirical** [LC13]. **employing** [CWS06].

**Employment** [Gar01]. **Empowering** [JSB+12]. **Enabling** [CC18, Pan99, SMZ18, JMS+10, VGG+10a, VK+10b]. **End** [SNM+12]. **End-to-end** [SNM+12].

**Energy** [ALSJ09, AJ+12, GJT+12, GKCE17, KE15, LK13, LMA+16, PR05, RL14, AAC+15, CIM+17, GA09, KSB+08, NB12, PJZA07].

**Energy-Aware** [PR05].
Energy-Effectiveness [PR05].

Energy-Efficient [GJT+12, LK13, RL14].

ergy-performance [PJZA07].

enforcement [GWM07, SCCP13]. Engine [SG18, CNQ13].

Engineering [GJ97, LSB15, WCV+98]. engines [HB15].

England [ACM94c]. Enhance [FSPD17, FJ08].

Enhanced [Ano00b, EJ93]. Enhancing [OL02a, OL02b, OL02c, HWw93, RHH10].

Environment [AKP99, BDN02, GJ97, KKH03, PG92, BK96, DSH+10, GCD04, GGC15, GBB+05, HMC97, Hud96, KG07, Lan97, Pha91, SWYC94, Sta90, Tem97, WCV+07].

Environments [BDN02, LZ07, Van97b].

equality [AD08].

Equalization [TLGM17].

Equations [Loe97]. equivalent [Pra95c].

Eraser [SBN+97]. Errata [Ano01, Ano05].

Error [EUVG06, SSN10]. Errors [SK97, VACG09]. escape [SR01a].

Esterel [LBvH06a, LBvH06b, LBvH06c, LvH12].

Evaluating [BL96, CML00, NPT98, PSCS01, RPNT05, Sch98, SD95, TG99]. Evaluation [Aru92, Boo93, BTE98, CL95, CBN+00, EJK+96, Eic97, GLC99, HN91, RNSB96, SCD+15, TT03, ZL10, BGdmW912, BLC97, Car89b, Cho92, Don92, LZ07, Mah11, MKR02, NFB17, RGG+12, RCDG06, SWYC94, SKP+02, SMS+03, TG000, TKA+02, WLG+14, WZSK19].

Evaluations [MM14, Roh95]. evaluator [SP00b, Shi00]. even [Ano94b]. événements [Swi09]. Event [Ber96b, CRKRW99, For95a, For95b, Ber96a, CRKRW97a, CRKRW97b, GWM07, KCCD99, KBP+03, Leg01, RVS13]. Event-Based [CRKRW99, CRKRW97a, CRKRW97b].

Event-Driven [For95a, For95b, RVS13]. event-handling [KBP+03]. Events [BDN02, LZ07, Van97b]. Evolutionary [TAK+00, Ku17]. Evolving [MS87, MS89].

Exact [Sch17]. examines [Yam96].

Examining [Kan94, Ric91, Rod95a, Tim03]. Example [BLPV04]. Exception [DH98, Lea96].

Exceptions [AdBdRS08, KR01b]. exclusion [BRE92]. exclusiveness [Lie94]. execute [APX12].

Executing [Blu95, BS99].

Execution [ABH+01, CC18, Cj91, Coo02, EC98, Far96, GMMZP14, GS06, HMCP16, HEMK17, HZ12, KS16, KLG08, KL95, KG94, ME15, MGK+00, MCT08, NBM93, NS97, PR05, RG03, RKK15, RSBN01, STY99, VSDL16, Ann96, A+01, BAD+10a, BAD+10b, BGC14, Dil93, JWG+01, LVN10, Luk01, PAB+14, PG03, SBC91, SJA12, SGS14, SQP08a, SQP08b, SQP08c, SMQP09, SMS+03, TSY99, TSY00, TDW03, UZU00, WCT98, XIC12, XSAJ08].

Executions [CDOS01, HZD13, Roh95, STR16].

Exemplar [BLCD97]. Existing [Ric99].

EXOCHI [WCC+07]. expansion [YKL13].

Expectation [SC17].

Expectation-Maximisation [SC17].

expediting [YL16]. Experience [BMR94, HLB90, Jun86, Yas95, RM03, GL91, Yam96].

Experiences [BHK+04, EHG95, PST+92, SGM+97, USE92b]. Experimental [BLCD97, EGC02, YMR93b, GRS06, Pha91, WCW+04b, WCW+04c, YMR93a]. Experiments [DV99, GMR98, SZM+13, VSM+16, VV00].

Explicit [DV99, VDNB98, BM07, URS02b, URS03, VV00]. explicitly [MT02a, MT02b, MT02c]. exploit [Ano92a]. exploitation [KVN+09, PGS06a, PGS06b, PGS06c].

Exploiting [AACK92, EUVG06, FFQ04, KDM+98, KOE+06, Kwe03, MG99, NAAL01, QSaS+16, SP07, TLZ+16, TEE+96].

Exploration [PTMB09, Sch17]. Exploring
[AAKK08, BS10a, SE12, WWW+02].
Expressions [Hei03]. Extended [BLG01, DV99, Röd19, VDBN98].
Extending [BF08, Mar03]. Extensible [CdO01]. Extension
[RCC14, CCW+11, Lan97, PDP+13, Tem97].
Extensions [Sch90, Bart92]. external
[LW*10]. Extracting [GP95]. Extremal
[MNG16].

FAB [YWJ03]. Facility [KSM94]. Facing
[KML04]. Factorization
[ABLM19, But13, CYYL18, CIM+17, Dav11].
Factorizations [VD08]. failing [STR16].
failure [CZ02, LC13]. failure-inducing
[CZ02]. failures [HZD13]. Fair
[MQ08, FSPD17]. Fairness [ES97, FSPD17,
GWM07, VS11a, SCCP13, WTKW08]. false
[LTHB14]. farms [MR98]. Fast
[BCS11, BRE92, GSC96, HN91, LDT+16,
SMZ18, STY99, SLF14, ST05, VTS12,
ZSA13, ZCO10, BDL07, CKD94, Kep03,
Kus15, TT03, TTKG02]. Faster
[FCM16, BDM98]. FastTrack [FF09]. fault
[RRP06, RM00, VPC02]. FCRC [ACM96].
Fe [Gol94]. Feature [LH09]. Features
[GMB93, BDM98]. Featuring [RRK11].
February [USE89, USE00b, USE02].
Feedback [SQP08a, SQP08b, SQP08c,
TG099, ALHH08]. Feedback-driven
[SQP08a, SQP08b, SQP08c]. Felix [Ano00c].
Fernandez [Ano00c]. fetch
[EE09a, TEE+96, AGJ18]. FFTs [MJJ+10].
Fiber [GDSA+17]. Fiber-based
[GDSA+17]. fibers [BS06]. FIFO
[HHOM91, HHOM92, QSA+16]. fifth
[ACM93b, AOV+99]. File [FG91, GJT+12,
KS97, Pea92, WLM15, BLC97, DZKS12].
Files [RRK11, CCC12, kSYHX+11].
filtering [Kep03]. final [HCM94]. Finding
[MNG16]. Fine [AZG17, BBG+10, BSSS14,
But13, CSS+91a, CSS+91b, CSS+91c, H91,
KG94, LKBK11, LVS01, LFA96, MKM17,
NS97, PBR+15, TY97, TAK+00, YSS+17,
BGK94c, Dub95, Gol97, KDM+98, Kim94,
Lof95, MLC+09, Met95, PL03, RPB+09,
TKHG04, Wei98a, kSYHX+11]. Fine-Grain
[AZG17, CSS+91b, HG91, K94, LFA96,
CSS+91a, CSS+91c, TY97, KDM+98, Kim94,
Lof95, MLC+09, Met95, PL03, TKHG04].
Fine-Grained
[BBG+10, BSSS14, But13, LKBK11,
PBR+15, TAK+00, YSS+17, LVS01, BGK94c,
Dub95, Gol97, RPB+09, Wei98a, kSYHX+11].
Finite [HBGT98, MS02, Cor00].
Finite-Element [MS02]. finite-state
[Cor00]. firmware [ABB+15]. First
[MSLM91, Wei97, LAH+12, MHW02, Hon94].
First-class [MSLM91]. FL [ACM94a].
FlexBFS [LAH+12]. Flexible
[ABG+08, KS97, Len02, MSM+16, SP00a,
Sam99, SCMO95, WW93]. Floating
[LWSB19]. Floating-Point [LWSB19].
Florida [ACM98d]. Flow [AT16, Ama89,
HH11, PBR+15, FSYA09, JD08, KBH+03,
NT14, Pol90, RM99, RPB+09, SV98]. fluid
[JD08]. FluidCheck [KS16]. fly
[CW06, PS03, PS07, Sch89]. Focus
[EHP+07]. Forces [FTP11]. Forecasting
[Ano98b]. fork [ALS10]. fork-join [ALS10].
FORM [TV10]. Formal [Sta05, WP10].
formation [FSYA09]. forms [BI+11].
FORTH [Jon86]. FORTH-like [Jon86].
Fortran [Ano97a, Bra97, AS14, GOT03,
HBG01, HBG02, Nag01]. forum
[Sho97a, Sho97b]. Forwardflow [GW10].
foundation [MCS15, RBF+09].
Foundations [BA08, Gol94]. Four
[CH95, MTN+00, KNPS16]. Four-Russians
[KNPS16]. Four-Way [MTN+00]. Fourier
[TT03, TTKG02, BCS11, HN91]. fourth
[USE96]. fragment [APX12]. fragments
[LG04]. Framework
[BMF+16, BVL09, BF04, CV98, DHR+01,
EF0+03, KC98, KF07, LCS04, LMJ14, Loe97,
NSP+14, Rei01, VSM+16, Yam95, AMC+03,
BDF98, EHSU07, GJ11, Hop98, PV06].
France [FR95]. Francisco
[ACM95b, USE02]. Free [Way95, AR19, DTLM14, GP08, MLS15, Mic04, ST05].
free-lunch [DTLM14]. FreeBSD
[Ano00b, Bal02], freeness [AKH08].
Freescale [BGH +12]. French [Zig96].
frequent [GBP +07]. Fthreads [Nag01].
Fusion [Ano91]. Full [MHW02, GB99].
Full-system [MHW02]. fully [RD99, Stu95].
Function [Hub01, LLKS12, Röt19, TO10].
Functional [Coo95, DCK07, GS06, Kim94, KIAT99, LP94, SSP99, Gun97, RKBH11, TAN04, VGR06, WZWS08, ZSJ06].
Functions [Bed91, KI16]. Further [GV95].
Fusion [PWL +11, Hig97]. futex [BF08].
Future [Jon91, TAM +08]. futures [TTY99].

GALAHAD [GOT03]. GAMBIT [CBM10]. Game [DHR +01]. GAMESS [BB00]. Garbage [AKP99, LB92, PUF +04, PF01, QSaS +16, BYBG +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, SAKA01].
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, RNS896, TGBS05, Tra91, TSV12, ABC +09, EFN +02, GJ11, KI16, LK13, LSS12, Way95, CH04].
generational
[DL93, WK08a, WK08b, WK08c].
generations [Roh95]. generators [SLF14].
Generic [ABH +00, AB02, Fer13]. Genetic
[NSP +14]. genome [LHS16]. GeoFEM
[Nak03]. Geometric [Caz02]. Georgia
[ACM99a]. Germany [RM03, Wat91].
ghosts [TVD14]. Gigabit [AWH02].
Gigabit/sec [AWH02]. Gilgamesh [SZ02].
glasses [CZSB16]. Global
[HH11, PWL +11, Ten02, FWL03, LBZW14, OCT14, OA08a, OA08b, OA08c, Ano98b].
globally [CZWC13]. gmm_diag [SC17].
gmm_full [SC17]. GNAT [diPRG99]. Go
[Mia90]. Going [Bak95b]. Goldilocks
[EQT07]. good [Mat03]. GPGPU
[CCWY17, LLKS12, YZ14]. GPGPUs
[LSB15, ZWL15]. GPS [TVD14]. GPU
[APX12, Bon13, DTR18, FTP11, KI17, LWSB19, LTL +16, LHG +16, LAH +12, WLG +14, XWG +14, YSS +17, ZCO10].
GPU-Oriented [LHG +16]. GPUDet
[Bon13]. GPUMixer [LWSB19]. GPUs
[CSV10, DNT16, LBH12, SKG +11, VD08, WJ12]. Grace [BYLN09]. Grain
[AZG17, CSS +91b, HG91, KG94, LFA96, MKM17, NS97, ZM07, CSS +91a, CSS +91c, KDM +98, Kim94, Loi95, MLC +99, Met95, PL03, TY97, TKH04]. Grained
[BBG +10, BSSS14, But13, LKKB11, PBR +15, TAK +00, YSS +17, BGRK94, DUB95, Gol97, LVS01, RPB13, We99a, KSYHX +11].
Grande [ACM01]. Grande/ISCOPe
[ACM01]. Granularity [KI95]. Graph
[CFG +12, CL95, EJRB13, HPA +15, KS93, KLS92, MM14, LK15, LZW17, RVR04].
graph-based [LZW17]. GraphCT
[EJRB13]. Graphical [ACR01]. graphics
[BGDMWH12, CCW +11, FSYA09, PYP +10].
Graphs [HPB11, Nik94, OB13, AD08, ABG +08, DSEE13]. grass
[MMTW10]. Greatest [Kuc92, Kuc91]. Green
[SKP +02]. groener
[MMTW10]. Grid [KEL +03]. 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, LSB95, SK97, BM91, KCCD99,
Koo93, KBP+03, Lea96, Met95]. Harbor
[BBC+00]. Hardware [AGJ18, BAZ+19,
CKD94, CSS+91b, DVAE18, KE15, KH18,
LLS06, MWP07, MKM17, Men91, SW08,
ZLJ16, AB+99, CWS06, CSS+91a,
CSS+91c, ECX17, FSYA09, GP05, LT97,
MLS15, MQW95, OCT14, PAB+14, PRS14,
RPNT05, SE12, TE94b, DWS+12].
hardware-aware [PAB+14].
Hardware/Software [MKM17, LT97].

Harmful [NWT+07]. Harmony [KTK12].
Harness [Ama98, EBK90]. Hash
[GK05, VB00]. Hash-join [GK05]. Hashing
[SMZ18, MIGA18]. having [YFF+12]. Head
[Mia90]. healing [SLP+09]. Heaps
[DGK+03, 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,
KTR+04, Lu95, NTR16, THA+12, FKS+12,
GKZ12, LK13, SJ95, WCC+07]. Heuristic
[HH11, Mah11, OCRS07]. Heuristics
[MGI14]. Hewlett [BLC97]. HFS [KS97].

hiding [BR92]. Hierarchical
[GJT+12, JY15, KC98, KG94, BMV03,
DZKS12, LK13, LQ15, RCDG06].
Hierarchies [BCZJ16, TAM+08].
Hierarchy [ZM07, BGDMWH12]. High
[ACM98a, ACM98d, ACM00, Ano00a,
Ano03, BGH+12, CT00, FGKT97, Gar01,
Hol12, HG91, IEE94b, LCK11, LG06,
LMJ14, LBH12, LHC+16, LHC+08, MR94,
MSM+16, MPD04, ME17, NBS+15, PH97,
RG03, SRS98, Sch17, SLJ+19, TCI98,
WN10, LCH+08, VV11. CIM+17, GS02, HG92,
Kim94, Lan97, RRP06, ReI95, SQP08a,
SQP08b, SQP08c, Tem97]. high-
[RRP06]. High-Level [Sch17]. High-Performance
[ACM98a, BGH+12, FGKT97, Gar01,
IEE94b, NBS+15, RG03, SLJ+19, TCI98,
WN10, LCH+08, VV11. CIM+17, Kim94,
SQP08a, SQP08b, SQP08c]. high-powered
[ReI95]. High-Speed
[Ano00a, Ano03, HG91, SRS98, HG92].
Higher [CJK95, NV15]. Higher-Order
[CJK95, NV15]. highly
[BGDWH12, Kub15, KGGK09, MAAB14].
Hill [CY09, USE02]. Hill-climbing [CY09].
Hilton [IEE90]. HippogriffDB [LTT+16].
Hist [Gar01]. history [Ano97b]. Hoard
[BMBW00a, BMBW00b, BMBW00c].
Hoare [KI17]. HoME [OKID92].
Homogeneous [CC18, JGS+18]. Hood
[Ven97]. HoPE [PBL+17]. 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, KO09, PLT+15, SLJ+18]. HPF
[BMV03, CM98]. HTM [KGGK09]. HTMT
[Gar01]. HTTP [Zha00]. Hut [ZBS15].
Hybrid [BBG+10, Gao93, JYE+16, LH09,
MS02, NBM93, YZ07, GKK90, HG92, MK12,
MTC+07, SKS+92, Sh95b, kSYHX+11].
Hybridizing [CZS+17]. Hyperion [A+01].
Hyperobjects [LS18]. hyperscalar
[Rai93, Sha95a]. Hyperthreading
[HRH08, KM03].

I-WAY [FGT96]. I.e [USE98b]. I/O
[RM03, Ano95a, Ano95b, ABB+15, BDN02, KUS94, LTL+16, Man98, MG15, Yoo96a].

IBM [ABB+15, CJB+15, KST04, LS+F07, WZW08], Id [Nik94], IDA* [Mah11].

Ideas [JLA16], idempotency [KOE+06].

identification [JSMP12], Identifying [BCZ16, SU96, DESE13], IEEE [AMC98d].

IFIP [BT01], Igniting [ACM03].

II [HCD+94, IEE89, JJ91, KA97, KR01a, McM96b, Wal95].

Illinois [GHG+98], Illinois-Intel [GHG+98].

Illuminating [BLPV04], ILP [OCRS07, RLJ+09].

im [HL93], Image [WN10, BCG14, Kep03, RKH17].

Impact [KLG08, SCL05, TE94a, ZAK01, Div95, Met95, RGG+12, RPNT05].

Impaired [Wei97].

imperative [SV98].

implement [DBRD91].

Implementation [ACM94a, ACM99a, ALf94, AB01, AKP99, BBD+91, BHF+03, BRM03, CWHB03, DSH+10, FLR98, Hai97b, KA97, MS02, Nik94, STW93, TKA+02, TMAG03, BK96, BB00, BMV03, CMX10, DI93, FGT96, GCC99, GB99, IAD+94, KASD07, Lev97, L05, LZ07, LAH+12, NFB91, OKI92, 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, KIA99, Pra95a, TY97, TAN04, BHK+04, Liet94].

Implications [RM03, BS96, VSM+08, CSN+05].

Implicit [BAM93, MS02].

Implicitly [ACMA97, PFV03, SAC+98, BBV18].

Implicitly-multithreaded [PFV03].

Improve [GV95, KH18, QSaS+16, RKK15, Sin99].

Improved [BR92, GMGZP14, LLS06, Smi06].

Improving [AJK+12, BDN02, CCWY17, DKG18, FT96, FM92, FBF01, GA09, IBST01, LYH16, Man99, MEG03, Nak01, PG01, PAB+14, MCRS10, TO10].

In-Memory [BAZ+19], In-Order [RKK11].

In-place [SGLGL+14, SCM05], In-Situ [RGK99].

IN-Tune [RGK99].

includes [SJ95].

Incorrectly [SM99].

Increasing [PHCR09].

Incremental

Independent [DS09, EW96, FSS06, USE93a, KNPS16, MEG94, WZSK19].

Independently [ALSJ09], induced [MTPT12].

inducing [CZ02].

Industrial [KW17, Kout00].

Industry [DM98].

Industry-Standard [DM98], inference [FFLQ08].

inflation [OdSSP12].

InfoDock [Ano97a].

Information [BS96, PBR+15, CML00, KBH+03, RBP+09, SV98].

Informix [Ger95].

Initial [BTE98].

Inline [GH03, DJLP10, EKKL90].

Inlinage [OdSSP12].

Input/Output [MP89].

Instrumentation [RS07, XMN99].

Integer [GH98].

integral [Kue01].

Integrated

instruction-systolic [PYP+10], instructions [PPA+13].

instrumentation [RS07, XMN99].

Integrating [Cal00, CM98, DNR00, DTLL16, FKT96, TTY99, Tsa97b].

Integration
[BWXF05, KSD04, KASD07, SD13].

integrity [NT14]. Intel [ARB+02, CCW+11, GHG+98, PDP+13, SCD+15].

intensity [BD06].

[TKA+01, AAKK08, TKA+02, YSY+09].

Interaction [Hei03, HF96, Pan99]. Interactions [WG94, WSKS97].

Interactive [FURM00c, PTMB09, WOKH96, CSB00, FURM00a, FURM00b, HJT+93, KG07, Lan97, MCS15, Tem97]. Interconnection [NGGA94, RR93, SMK10].

Interface [Chl15a, HBG01, KKDV03, MS89, Met95, PS01, SW97, Ada98, DLM99, HBG02, Li05, MOW95, MS87, MEG94, TNB+95, FGT96]. Interfaces [Han97, HF96, LG04].

Interleaving [LGH94, YN09].

Intermediate [McC97a]. Internals [MM01, Wea08].

International [ACM92, ACM94c, ACM94d, ACM95a, ACM96, ACM98c, Ano91, Ano94a, Ano94d, Ano00a, Ano03, AOY+99, Chao5, EV01, Hol12, Hon94, Lak96, LCK11, Wat91, FR95].

Internationalization [Ano98b]. Internet [Ano96, Hig97, SBB96, van95].

Interoperability [HR+91, Way95].

Interprocess [Rod94]. Interrupts [KE95]. interval [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]. Invocation [SK+01].

IPC [EE14, Koo93]. IPs [Sch17].

IRREGULAR [FR95, TSV12, ZAK01, TP18]. irregularly [FR95]. ISA [KTR+04, MNU+15].

ISCOPE [ACM91]. Isolating [CZ02, JWTG11]. isolation [CMX10, MTC+07, SKBY07]. Isomigration [ABNP00]. ISSAC [ACM94c, Lak96, Wat91]. Issue [KU00, RYSN04, Ano94c, GGB93b, TEE+96]. Issues [GBM93, PS01, ARvW03, Ann96, GC92, HCD+94, IAD+94, TCG95]. Issuing [HMNN91, HK+92, HN+92]. Itanium [MB05, WCW+04b, WCW+04c, WCW+04d].

Itanium-2 [WCW+04b, WCW+04c, WCW+04d].

iterations [UZU00]. Iterative [MQ07, Nak03, AAC+15]. iThreads [BFA+15]. IUnknown [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, AMDbRS02, AddS03, AdbRS05, AdbRS08, Ait96, Ano96, Ano98b, ABH+00, ABH+01, A+01, AG96, ACR01, ABG+08, BZ07, Ber96b, BCV97, BAD+09, BR15, BPSH05, BHK+04, BS00, Bra97, BP05, BLPV04, Cal02, CV98, CRKW97a, CRKW97b, CRKW99, CWEH98, CC04, CCH11, Chr01, CT00, Coo02, Cor00, Cri98b, Cri98a, DJLP10, DH98, DRV02, DL+13, DS09, Dii00, DGK+03, Dra96, DHR+01, Dye98, EFN+01, EFN+02, EFC+03, EQT07, FSS06, FWL03, Fek08, Fer13, FFLQ08, GH03, GCRD04, GS00, GEG07, GE08, GLC99, Hag02, Ham96, Hei03, Hol98d, Hol98a, Hol98b, Hol98c, Hol99a, Hol99b, Hol00, Hyd00, KPPR+06, KPB+03, LB00, LCS04, Loc18, Loc97, Man96, MP10, McM96a, McM96b, McM96c, McM98b, McM97, Mit96, MC06, NAW06, NM10].

Java [NR06, Nev99, OW97, OW99, PSM01, PSM03, PRB07, Pet03, PUF+04, PV06, PG03, RWCW98, San04, SE12, Sat02, Sch14,
Sho97a, Sho97b, Sto02, SKP+02, Van97a, Ven97, Ver97, WN10, Whi03, XSAJ08, Xue12, Yan02, van95. Java-like [DJLP10].
JavaBeans [Van97b]. javar [BVG97].
JavaScript [PCM16, VP16].
Java [Ano00c]. Jersey [MT93]. JIT [McM97].
job [EE10, EE12, ST0a]. Jobscheduling [ST0c, ST0b, STV02].
John [Ano00c].
Joho [Ano03].
join [ALS10, GK05].
Joint [FTP11].
Jones [Ano00c]. Jorgenson [Ano00c].
Jose [ACM94d].
Journeyman [Bec00].
JPF [WKG17]. JPR [WKG17]. Jr [ACM99b].
July
[ACM92, ACM94a, ACM94c, ACM95a, ACM98c, EV01, IEE96, Lak96, Ass96, USE96, Wat91].
June [ACM94a, ACM98c, ACM01, Ano94f, USE92a, USE00a].
K-Java [BR15]. KAI [Ano98b]. Kaidan [Ano00a].
Kahluru [RM03]. Kaspersky [Ano00b].
Kendo [OAA09]. Kernel [Alf94, ABL19, Bal02, DNR00, EBK01, EKB+92, Kor89, MM01, ZSA13, Ano95a, Ano95b, BF08, JJ91, MP89, SS95].
Kernell-Based [Alf94]. Kernels
[KI17, dPRGB99, GLC99]. Kiel [LvH12].
Kikai [Ano00a]. Kikai-ShinKai [Ano00a].
kinds [San4a].
kinnematical [BD06].
Kinematics [HMLB16].
King [ACM996].
Kingdom [ACM94c].
Kitsune [HSD+12, HSS+14].
Knoxville [IEE94b].
Kroll [Ano00c]. KUMP [NTKA99].
KUMP/ [NTKA99].
K
[ACM92, ACM94a, ACM99a, ACM97, BS06, FLR98, GS06, KIAT99, Sat02, BO96, CFK+91, ECX+12, GPS14, Jon86, LT97, Man96, Mil95, Ong97, PRB07, RL14, SV98, Smi06, TMAG03, VGR06].
Languages
[ACM93a, ACM94b, ACM94d, ACM95b, ACM98b, Coo95, MSM+16, NPT09, OTY00, SCv91a, SS96, TY97, DMBM16, HL93, JPR92, JHM04, MSM+10, Sch91, SCv91b, ST98, TAN04].
LAPACK [ARvW03].

Laptops [Ano00c]. Large
[AOV+99, CC14, CJW+15, GN92, JLA16, LA93, R6t19, BCM+07, Boo93, GOT03, Koo93, SMK10, WCV+98].
Large-Scale
[CC14, CJW+15, LA93, BCM+07, GOT03, SMK10].
Latencies [Sch17, BS06].
Latency
[BD00, BAZ+19, Fan93, OCS01, SW08, Smi01, SKK+01, WWW+02, YLLS16, BR92, DC99, DC00, Jef94, Luk01, MVY05, PG01, TK98].
Latency-directed [Fan93].
Latency-Resistant [YLLS16].
latency-sensitive [DC99, DC00].
Latency-Tolerant [OCS01]. lattice
[SKG+11].
Law [Gar01, NZ17, CN14].
Layer [SHK15, CDD+10].
layout
[DHKS12, HB15].
Lazy
[GSC96, Gol97, LP94].
LCMT [LKBK11].
leadfoot [HHPV15].
Leakage
[Mus09, SYHL14].
Leakage-saving [Mus09].
leaks [ZJS+11].
Learned [HPA+15].
Learning
[CYYL18, DS16, ROA14, PWWD18].
least
[FTAB14].
least-squares [FTAB14].
lecture [Egg10].
Lenient
[SCv91a, Sch91, SCv91b].
Lepp [RRMJ12].
Lepp-bisection [RRMJ12].
Lessons
[RM03, HPA+15].
Letters
[DH+01, TLA+02].
letting [AC09].
Level
[ABL19, BBC+00, FURM00c, GP95, JYE+16, JLS09, DK02, KU94, LS11, LEL+97a, LEL+97b, MG99, MR94, MGI14, PLT+15, RR93, Ric99, Sch17, SLT03, YBL16, BBH+17, CCC12, DG99, EE09a, FURM00a, FURM00b, GMW09, GPS14, GRR06, HDT+13, JEV04, KDM+98,}
KVN+09, KC09, Lan97, LZ07, MSLM91, MT02a, MT02b, MT02c, MQW95, MCFT99, OT95, OCRS07, PO03, PT03, QOOV+09, STY99, SD13, SLT02, SCZM00, Tem97, WS08, YZYL07, YZ14, ZJS+11. Level-2 [Ric99]. Leveraging [PRS14]. LFTHREADS [GP08]. Libraries
[Ano00c, BCR01, GF00, Jon91, MLGW18, MM14, ARvW03, CBM10]. Library
[Ano98b, ABN00, BFA+15, CGR92, EHG95, Gib94, GHG+98, Kem02, Man91, Rot19, WN10, Yas95, Ada98, Boe05, CS00, GP08, GOT03, Mix94, Ong97, Tem97, WSks97, LKBK11]. like
[DJLP10, Jon86, VV11, Kor89]. limit
[ROA14]. limitations [Gal94, HL08]. limited [Bri89]. Limits
[LB95, LB96b, AAKK08]. Line
[Ano00c, FSPD16, FdL02]. Linear
[KLD09, Loc97, MR09, AAC+15, Bak95a, MM07, YSY+09]. Link [Ano00b]. Linked
[WJ12]. links [WW96]. LinkScan [Ano00b]. LINQts [CDL13]. Lint [Kor89]. Lint-like
[Kor89]. Linux
[Ano97a, Ano00b, Ano00c, Ano97a, RCG99, SKP+02, WTKW08, ZSA13]. Linux/AXP [Ano97a]. Linux/FreeBSD [Ano00b]. Linz
[Hou94]. liquid [KRB12]. Lisp [Nor90]. List
[DV99, WJ12, VV00]. LiteRace
[MM09]. little [CDL13]. liveness
[GM09]. LLCs [PBL+17]. Load
[HBTG98, HR10, KMA01, KC98, KR98, PGB16, VPQ12, Chr95a, Chr96, MKJO04, TKHG04]. load-adaptive
[TKHG04]. Load-Balancing
[KC98, PGB16, Chr96]. Load-Load [HR10]. Loadable [ZSA13]. Loading [PCM16]. Local
[DGK+03, IEE95, Whi03, HZD13, ZLw+16]. localities [CS95a, CS95b]. Locality
[BS96, CCWY17, PEA+96, Wei98b, HWW93, LK13, PSG06a, PSG06b, PSG06c, Sin99, SD95]. locality-cognizant [LK13]. Localization [OB13]. Location [USE93a]. 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, RD06, ZLw+16]. Locks
[ACR01, ALS10, MT93, OCT14]. LOCKSMITH [PFH06]. LOGFLOW
[NTKA99]. Logic
[Bre02, KI17, TAN04, BK13]. Logic-Centric [Bre02]. Logical [CR02]. LOIS [KT17]. longer [XHB06]. Looking
[ECX+12]. lookup [KNPS16]. Loop
[RLJ+09, SSP99, JMS+10, KVN+09]. loop-level [KVN+09]. loops [DTH92, FN17]. Low
[ABLM19, Ano00a, Ano03, BGH+12, PHBC18, ZHCB15, GPS14, RRP06]. low-level [GPS14]. Low-overhead
[ZHB15, RRP06]. Low-Power
[Ano00a, Ano03, BGH+12, PHBC18]. Low-Rank
[ABLM19]. LVPM [ZG98]. Ltd
[Ano00b]. lunch [DTLM14]. Luther
[ACMN99b]. Lyon [FR95]. M
[Ano00c, USE01, FKD+97]. M-Machine
[FKD+97]. MA [Ano94f]. Mach
[USE91a, CB89, CB90, Hol99b, Koo93, MRGB91, RBF+89]. Machine
[Ano89, CSS+91b, DS16, FKD+97, KA97, KKDV03, La00, 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, DFK94, GKZ12, GC92, Kus15, MRG17, TSY99, TSY00, VPQ12]. macromolecular
maintenance [TNB+95]. makes [Van97a].
Making [BDLM07, LFA96, Low90, Pla93, PLT+15, YCW+14]. malloC [Kus15].
Mambo [WZWS08]. MAMPO [GJ11].
maintained [AKSD16, BBH+17].
Manager [Van97a]. Making [BDLM07, LFA96, Low90, Pla93, PLT+15, YCW+14]. malloc [Kus15].
Mambo [WZWS08]. MAMPO [GJ11].
maintained [AKSD16, BBH+17].
Manager [Van97a].
[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, MS02, Pla02, SCB15, STY99, SPH96, 
TS99, TSY00, TG09]. MPI-based
[Ada98]. MPI-OpenMP [MS02]. MrBayes
[LHG+16]. MS [Wil94a, Wil94b]. MS-DOS
[Wil94a, Wil94b]. MSFV
[HHOM91, HHOM92]. Msparc
[MN00, MD96]. MT [EC98, TJIY+11].
MT-BTRIMER [TJIY+11]. MTA
[Mat97, Smi01]. MTAC [For97]. MTB
[AGJ18]. MTB-Fetch [AGJ18]. Mth
[MKM17]. MTraceCheck [LB17]. MTS
[Gal94]. MUCH [WLM15]. MultiTEP
[WM03]. Multi [Ada98, AMRR98, 
AACK92, AGK96, AR19, ABNO0, BC98, 
Bed91, BBH+17, BC00, BGK94a, BGK94b, 
BGK96, CV98, CL95, CKRW99, CWHB03, 
CdOS01, CCC12, CCK+16, CC18, CvdBC18, 
cC91, Chr01, CR02, Coo95, CNZS17, DV99, 
DS16, DTLW16, EBKG01, FMY+15, FD96, 
FDL02, FJ08, GVT+17, GK94, GiL93, GS06, 
GH98, HC17, HG91, IXS18, IIOI1, JY15, 
Jon91, JLS99, KI95, KW17, KKH98, Kuc92, 
KTR+04, LK15, LB92, Leg01, LKBK11, 
MLGW18, MNU+15, Mas99, MTN+00, 
McC97a, MeC97b, MS15, MP13, MG15, 
MCFT99, MGK+00, NJ00, OR12, PCPS15, 
PTMO99, FWWD18, PKB+91, PM14, 
Pu00, PGB16, RR93, RCC14, RBPM00, 
RKCW98, RVR04, RS08, SP00a, STW93, 
Sch90, SKG+11, SNZ18, SeI98, SeI99, Smi92, 
Ste01, SBKK99, TGO99, Tan87, Tra91, 
TLGM17, VSDK09]. Multi
[VI11a, VB00, VK99, WaL00, YLLS16, 
ABD+12, BW2D15, Bak95a, BK13, BM07, 
BIK+11, DSEE13, CNQ13, CIM+17, 
CFG+12, CASA14, CRKW97a, CRKW97b, 
CS00, CYZ98, CL00, CSM+05, DWYB10, 
Don92, EFG+03, EHSU07, FTAB14, 
FWL03, FGG14, GCRD04, GCC15, GPR11, 
KHP+95, KDM+98, KKH04, Kep03, Küc91, 
KBF+12, Lan97, LBvH06a, LBZ06b, 
LBvH06c, LVA+13, LZW+13, MLCW11, 
MLC+09, MS03, MKK99, Mus09, NBEB17, 
NH09, NOS08, OA08a, OA08b, OA08c, 
PYP+10, RCV+10, RKM+10a, RKM+10b, 
RGK99, SCB15, Sam99, SC17, SE12, SV98, 
Smi06, St02, SQP08a, SQP08b, SQP08c, 
SMQ09, ST05, Tem97, TCG95, TMAG03, 
TJIY+11, VIA+05, VDBN98, VV00, VPQ12, 
WCC+07, WCV+98, YZ07, Yan97, YSY+09, 
YN09, kSYHX+11, YKL13, ZKR+11, dB09, 
vPG03, Ano97b, CH04, Mix94]. Multi-
[FMY+15]. multi-ALU [KDM+98].
Multi-C [Mix94]. multi-context [Yan97].
Multi-Core [CC18, CvdBC18, FJ08, IXS18, 
KTR+04, MNN+15, PM14, CFG+12, 
CSM+05, DWYB10, KBF+12, MLC+09, 
Mus09, SMQ09, WCC+07, YZ07].
Multi-Cores [CCK+16]. Multi-CPU
[PGB16]. Multi-dimensional [AR19].
multi-engine [CNQ13]. Multi-Level
[RR93, CCC12]. Multi-Level-Context 
[JLS99]. multi-process [WCV+98].
Multi-Processing [MLGW18].
multi-processor [VIA+05, YN09].
Multi-protocol [ABN00]. Multi-Tasking 
[CvdBC18]. Multi-Thread
[HHG1, MTN+00, AMRR98, PKB+91, 
SKG+11, Tan87, Tra91, DWYB10, Don92, 
ST05, TCG95]. Multi-Threaded
[AGK96, BC98, Bed91, BGK94a, BGK94b, 
BGK96, CL95, CRKW99, Coo95, DV99, 
FDL02, GVT+17, GK94, GiL93, IIOI1, JY15, 
Jon91, KW17, Kuc92, LB92, Mas99, MG15, 
MGK+00, PCPS15, Puk00, RKCW98, 
STW93, SeI99, Smi92, Ste01, SBKK99, 
TLGM17, VSDK09, VI11a, VB00, Ada98, 
AACK92, BBH+17, BC00, CV98, CWHB03, 
CdOS01, cC91, Chr01, CR02, DS16, 
EBKG01, FD96, GS06, GH98, HC17, KI95, 
KRH98, LK15, Leg01, PWWD18, RBPM00, 
RS08, SP00a, SeI98, VK99, WaL00, ABD+12, 
BW2D15, BK13, BIK+11, DSEE13,
CIM+17, CASA14, CKRW97a, CKRW97b, CSB00, CYZ98, CL00, EFG+03, EHSU07, FTAB14, FGG14, GCRD04, GCC15, GPR11, KHP+95, KKH04, Kep03, Kuc91, Lan97, LBvH06a, LBvH06b, LBvH06c, LVA+13, MLcw11, MS03, MKK99, NFBB17, NH09].

multi-threaded
[NSH14, Oa08a, Oa08b, Oa08c, PYP+10, RCv+10, RKm+10a, RKm+10b, RGK99, SCB15, Sam99, SC17, SE12, SV98, Smi06, Sto02, SQP08a, SQP08b, SQP08c, Taf13, Ten97, TMAG03, TJY+11, VV00, YSY+09, ZKR+11, db09, vPg03, Ano97b].

Multi-Threading
[CvdBC18, CNZS17, LKBK11, MLGW18, McC97a, McC97b, MS15, MP13, OR12, PTMB09, RCC14, Sch90, SMZ18, TGO99, YLLS16, DTLW16, MCFT99, NJ00, RVR04, Bak95a, BM07, FwL03, LWz+13, MLC+09, VDBN98, kSYHX+11, YKl13, CH04].

multiagent [Bar09].

Multicomputer
[FKD+97].

Multicore
[ALSJ09, ABLM19, BCZY16, CCH11, CB16, DVAE18, GJ11, HEMK17, KLDB09, LS11, LMA+16, LHY16, LDT+16, MR09, NBMm12, PGB16, RCM+16, RKK11, SLJ+18, SHK15, SMd+10, THA+12, ZBS15, CNQ13, CN14, CMX10, LK13, LLLC15, NZ17, RCc+10, RKRh11, SCCP13, SE12, ZSB+12].

Multicore/Multithreaded [RCM+16].

Multicores [FSDP16, FSPD17, RKK15, DTK+15, GARH14, SSN16].

Multifrontal
[ABLm19, But13, Dav11].

Multigrain [AZG17].

Multilevel
[PPG11, Cat94, JJJy+03, Lk15].

Multimedia [Spe93, Est93, Gol96].

multimethod [FGT96].

Multiple [CB16, FgKt97, Hw92, Hkt93, NTR16, OR12, CS95a, CS95b, Fd95, HKN+92, Lt97, Te94b, TFG10, Tan04, Wct98].

multiple-context [FD95].

Multiprocessing [EKB+92, Len95, NV94, Wal95, DlCo09, Mt93, Pra95b, Rgk99].

Multiprocessor
[AACK92, AKp99, BC00, Cat94, EHG95, GHG+98, Hn91, KmA01, MtCT08, Pre90, PPG11, Sz92, SEP96, USE92b, WC99, Zub02, Cho93, DkC07, EKkL90, HB92, KgT99, LV11, LWV+10, PjZa07, Ano94b].

multiprocessor/multithreaded [Cat94].

MultipleProcessors
[BmV03, AGJ18, Bs96, BL96, BlG01, Ch95, Gmr98, Ku00, Kks+08, LS07, LmJ14, 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].

Multiprogramming
[Bhp+03, JJ91, Cgl92a, Cgl92b].

MultiRace [Ps07].

Multitasking
[Co90b, Gb94, Gon90, Jj91].

Multithread
[Lcs04, Rrmj12, Syl14, Cs95a, Cs95b, Dsh+10, Gcc99, Jd08, SwyC94, Zg98, Zg96].

multithread-safe [Gcc99].

Multithreaded
[AddS03, AbdBR08, Abc+93, At16, Ama98, AlB+18, Ano92a, Ano92b, Ano94e, Ano94g, Ano98a, Ano98b, Ano01, Abh+00, Abh+01, Ab01, Ab02, Ag96, Azg17, Acma97, Abn00, Akp99, Bål02, Bbfw02, Bcr01, BbdH+11, Bvl09, Bk06, BmbW00b, Bf04, Bjk+96, Bl98, Bb00, Bm99, Bdn02, Bp05, BlG01, Bte98, Bnh01, Bd06, Bhg+12, BbsG11, Cc14, Cjw+15, Cs02, Cgk06, Cc04, Chl15a, Chh95, Chr95a, Chr95b, Chr96, Ct00, Cw98, Cbn+00, CbMAn08, Dan09, Dnr00, DvAE18, Dh98, DrV02, DTr18, Do95, EfN+01, EfN+02, JbrB13, EhP+07, Ec98, EgP14, Fss06, Ft96, Fs96, Ftp11, Fqs02, For97, Flr98, GgB93a, GrS97, Gmr98, Goo97, Gn00, Gn92, Hpa+15, HmlB16, Htz+97, Hmn91, HhoM91, HhoM92, Hlb94, Hh11, HwZ00, Hpb11, HyY+15,
Hud96, HMT + 96, I + 94]. Multithreaded

[JBK18, JYE + 16, JSB + 12, KA97, KKW14, KMAG01, KST04, KML04, KC98, KC99, KMjC02, KR12, KU00, KE15, KG94, Kim14, KU17, KAO05, Kor89, KTR + 04, LS07, LG06, LH09, LG04, LB98, LB00, LS06, LveH12, LTM + 17, LYH16, LPE + 99, Loc18, Loef97, Lun97, Lun99, MGQS + 08, MP01, MS99, MB99, MD96, Moo95, Moo96, MR09, Nak01, NPT98, NGGA94, NTKA99, Nik94, OB13, OTY00, PBDO92, PUF + 04, PG92, PG96, PG99, PF01, PHK91, PWL + 11, PS01, QOIM + 12, RCM + 16, RW97, RCC12, REL00b, Rin01, RB18, RNSB96, RSBN01, RRK11, RBA05, RR99, SPDLK + 17, SR98, SR14, SBN + 97, SCD + 15, SCL05, SAC + 98, She98, SU96, SU01, SZM + 13, SGM + 97, SMD + 10, SR01b, SSYG97, Spec94, Sr95, SZ02, SUP + 12, Sut99, TG99, Ten02, TKA + 01, TC198, TT03, TTKG02].

Multithreaded

[TGBS05, TLZ + 17, TLZ + 18, TZY98, TSV12, URS02a, VTM12, Vo93, VE93, Wan94, WS08, Wea08, WJ12, Wil97, WLM15, WG94, WC99, Yas95, YW03, Yoo96a, YMR93b, ZSA13, Zhe90, ZJS12, ZBS15, ZP11, ZAK01, Zul02, ÁdBD05, ACD + 18, Aga89, Aga91, Aga92, ABF + 10,ABC + 15, ACF + 15, ACC + 03, AGEBO8, Ann96, Ano94b, Ano95a, Ano95b, A + 01, ABC + 09, AR17, AR19, Aru92, BGDMWH12, BBFW03, BRRS10, BG297, BCSO0, BAD + 10a, BAD + 10b, BG13, BGC14, BMBW00a, BMBW00c, BLY109, Blu92, BL93, BL94, BJK + 95, Blu95, BL99, BS10a, BCG14, BEKK00, BPS05, BS10b, BNS11a, BNS11b, BNS12, CZWC13, CS00, CMS03, Car89b, CB90, ÇFG + 12, Cat94, CL94, CN14, CS12, CDD + 10, CLL + 02, Ch93, Cho92, CGL92a, CGL92b, CJB + 15, DJLP10, DSG17, Dav11, DL93, DKKF94, EJK + 96, Eic97, EG11].

multithreaded

[Est93, Evro1, Fan93, Far96, Fer13, FF04, FFQS05, FF08, FFYY08, Fuji97, GMW09, Gal94, GJ11, GGB93b, GK05, GPS14, GL98b, GL98a, Gal96, GRS06, GRR06, GA09, GLC99, HMC97, HFV + 12, HF08, HLB90, Hig97, HSM + 92, Hop98, JMS + 10, JXTG11, JFL98, JSM12, JSM + 13, Jee96, JSB + 11, KGPH12, KR01a, KR01b, KNS16, KBP + 03, Kub15, Kus15, LLLC15, Lea96, Lei97, Leu95, Lev97, LLL10, LCH + 08, LMC14, LBE + 98, LT97, Lu94, Lu95, LC13, Mah11, Mah13, MEG03, MS87, Mi95, Mis96, Mix94, MC06, MKR10, MQ07, NB12, NR06, Né90, NPA92, ND96, NZ17, Om004, Par91, PF03, PZA07, Pha91, Ply89, PPF + 13, PS03, PS07, Pra95c, PT03, RGG + 12, RCM + 12, Raj93, RCG + 10, RHH10, REL00a, REL00c, Ref95, ROA14, Roh95, RS07, SBCV90, SBC91, SR01a, SV96c].

multithreaded

[SV96a, SV96b, Sch98, SRA06, Sh95a, Sh95b, Sha98, She02, SLG06, SP00b, Shi00, SP05, Sim97, ST00a, ST00b, Sod02, SSN10, Squ94, Sris08, San95, SMS + 03, TMC09, TMCP10, TR14, TV10, TG09, TP18, TE94a, The95, TK + 02, TB97a, TB97b, TKG04, TLZ + 16, Tod95, Tsa97a, TDW03, UZ00, VGR06, Ver97, Ver96, VGK + 10a, VGK + 10b, WS06, WCC + 07, Way95, WT01, XIC12, XSAJ08, Yan02, Yan97, ZYLY07, Yoo96b, YM92, YMR93a, YNPP12, ZJS10, ZP04, WM03, LP09].

Multithreading

[AJdBdRS02, AH00, AG18, An099, An05, BBG + 10, BWFX05, Bec00, Bec98, BW97, BD00, BL96, BPL07, Bre02, BLPV04, But13, CCH11, CCK + 16, Cro98, Dug95, EEL + 97, Eng00, Eng95, Esp96, EK + 92, FBF01, FK10, GH + 98, GV95, Gu95, Gun97, GSL10, Har99, HBTG98, ILF001, IBST01, KPC96, Kel94a, Kel94b, Kho97, KF97, KNE + 14, KLH97, Kwo03, KET06a, KET06b, LPS07, LH94, LEL + 97a, LEL + 97b, LEL + 99, LRZ16, MB07, Man91, MH95, MN00, MKC97, Nao91, On97, ÖCS01, PJS15, PT91, PST + 92, Pea92, Pra97,
RLJ+09, RG03, RD96, SSP99, SPY+93, SW08, SCv91a, SP07, SLG04, SRU98, Sin97, Sni01, ST00c, SKA01, TY97, Ten98, TAK+00, TESK06, VTK6, WWW+02, WCV+04a, Wei97, YG10, ZL10, Zigg96, AAHF09, AAKK08, ABB+15, BCM+07, BGG95, BR92, Boo93, CHH+03, CCC12.

multithreading
[Div95, DN94, Dub95, Dye98, EE09a, FM92, Fis97, Fon97, GBG95, Gao98, GEG07, GE08, Gro03, HCD+94, Hol98a, HH97, IAD+94, KIM+03, KCCD99, Kim94, KG07, KT99, KLM+99, LK13, LGH94, LSS12, LZW17, LB95, LB96b, LZN+14, Loi95, LVS01, LZBW14, Luk01, MIGA18, MWP07, Mao96, MKIO04, MGL95, MMM+05, McM97, Met95, MAAB14, OAA09, Ong97, PSG06a, PSG06b, PSG06c, PG01, PHCR09, PV06, PRA95b, RM00, RR96, RPNT05, Sch91, SCv91b, Sin99, SW16, STV02, Swi09, TK98, TCH09, TO10, Tsa97b, TEL95, TEE+96, TUL96, TEL98a, TEL98b, URŠ02b, URŠ03, VPC02, WLG+14, WW93, WCV+04b, WCV+04c, WCV+04d, YCW+14, Lar97].
multithreading-based [GE08]. must [NA07]. mutable [HL93]. Mutex [Hol98b]. mutual [BRE92]. Mysteries [Hol99b].


Nearest-Neighbor [JY15]. Need [SLG04, RPNT08]. Neighbor [JY15].

Nelson [Ano00c]. Nested [EW96, NB99, TG099, TG000, 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, KGP+12, LZ07, LLL10, LCH+08, OCRS07, RCV+10, RPNT05, Sta90, ZP04, PH97].

Network-Facing [KML04]. Network-I [RM03]. Network-I/O [RM03].

Network-on-Chip [LZS+08]. Networked [CT00, FGK97]. Networking [ACM98d, ACM00, Hol12, LCK11, DWYB10].

Networks [IE95, KLH97, Lu98, RR93, PWWD18, SMK10]. Neumann [HG92]. neural [PWWD18]. Neurons [LT+17].

newly [Ano95a, Ano95b]. NewOS [TIA02, Gei01]. Newport [USE92b]. News [Bra97, Gar01, Mat97, McM97]. Newton [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 [EH95]. noise [GA09].

Non [Caz02, Coo95, JLS99, KIAT99, LB17, SGM+97, Tra91, Ann96, RGK99, SCG95, SKG+11]. non-blocking [Ann96].

Non-Deterministic [LB17]. Non-Intrusive [Caz02]. non-invasive [RGK99]. Non-numeric [SGM+97].


non-determinism [HBC13]. Nondeterministic [LPS07]. Noninterference [BC02, Sni06].


November [ACM98d, ACM99b, ACM00, ACM03, Ano91, Ano94c, Gol94, Hol12, IE90, IE92, IE93, IE94c, IE02, LCK11, USE91a].

NOWs [SLGZ99]. NP [YZ14]. NPB [EGC02]. NT.
[Ano98b, Hig97, PG96, Pra95c, Pra95b, TC98, USE98a, Wil94a, Wil94b, Yam96].

NT-Style [Wil94a, Wil94b]. NUMA [LMC14, ZLW+16]. NUMA-aware [ZLW+16]. number [LSS12, SLF14].


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, CLE+02, FWL03, FL90, JPS+08, LLLC15, Sch08, Wei89a, Yan02, db09, vPG03]. Object-Oriented [Ano99, BBD+91, BC94, Kim14, NPT98, SG96, Ada98, Car89a, CYZ98, CLE+02, FL90, JPS+08, Wei89a, Yan02, db09, vPG03]. Objects [ACR01, CJK95, CR02, Low00, Pra95a, Ric99, Ten02, Yaa95, Bak95a, Bri89, DMBM16].

Oblivious [UALK17, 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 [Bra97]. Off [MH95, AAC+15, DTK+15]. off-chip [DTK+15]. Off-the-Shelf [MHG95]. offs [Far91]. Old [Wil00]. On-Chip [LKBK11, ZM07, SMK10, TEL95, TEL98a, TEL98b].

On-Line [Ano00c, FSPD16, Fl02].

On-the-fly [Sch99, CWS06, PS03, PS07].

once [Bak95a]. one [QSH16]. one-sided [QSH16]. Online [Ger95, OTY90, RCC14, Sc98, Se99, SRA06, TGO99, HF96, LWV+10, RS07, VGK+10a, VGK+10b].

only [Dil00, MJF+10, NM10, ZJFA09]. onto [LBVH06a, LBVH06b, LBVH06c].

OpenGL [Röt19]. OpenGL- [Röt19]. OpenMP [Cha05, ArvW03, BHP+03, BBC+00, Bra97, BMV03, B01, CRE99, CDK+01, CM98, DM98, HD02, EV01, JJJ+03, KKH03, Lu98, MS02, Mar03, MLC04, MDE00, Mat03, MG15, MM14, Mül03, NAAL01, RBAA05, SLGZ99, Thr99, TGBS05, Vre04, RM99].

OpenMP-oriented [MLC04]. OpenOpt [NSP+14]. OpenPiton [BMF+16].

OpenSPARC [Wea08]. Operand [SP07].

Operating [ACM94d, CLFL94, TLA+02, Gei01, IEE89, IEE94a, MS87, REL00b, SEP96, Ano92a, Ano92b, BD98, DBRD91, IEE94d, Jef94, Jen95, LVN10, LAK90, Ply89, RBF+89, REL00a, REL00c, She98, Way95].

operation [DKG18, RHI10]. Operational [CKRW99, CRKRW97a, CRKRW97b].

Operations [KKS+08, KLDB09, SCL05, HMC95, RD06].

Opportunistic [YL16]. Opportunities [GJ07, HL08, Mus09]. OPR [QSHI16].

Optimal [AT16, Lar95, RCM+12, Lep95, LML00].

Optimistic [WHJ+95, CZSB16, DKG18, VPQ12].

Optimization [BLG01, CvdBC18, GN96, RNSB96, SYHL14, TJJY98, TLGM17, WJ12, AMC+03, AMPH09, DZKS12, GOT03, Koo93, RKCW98, Sin99, TO10, ZCSM02a, ZCSM02b].

Optimizations [HYY+15, JSB+12, KET06a, LEL+99, Sut99, ZM07, ABC+09, JSB+11, OA08a, OA08b, OA08c, Roh95].

Optimized [Sin97].

Optimizing [DTK+15, KZTK15, PR98, PSCS01, WCZ+07, GS02].

Orange [ACM98d]. Orchestration [GVT+17].

Order [CJK95, RRK11, NV15, SJA12, SW16, ZKW15]. Ordering [HR10].

Oregon [ACM94b, ACM99b, IEE93]. Organization [HG91, HG92]. organizing [LAK09].

Oriented [Ano99, BBD+91, BC94, Kim14, KS97, LHG+16, NPT98, SG96, Ada98, Car89a, CYZ98, CLE+02, DWYB10, FL90, HH97, JPS+08, MLC04, Wei89a, WP10,
Yan02, dB09, vPG03. **Orlando** [ACM94a, ACM98d]. **OS/2** [DN94, Kan94, Kel94a, Kel94b, Rei95, Ric91, Rod94]. **oscillations** [BD06, OFS [BM91], OSF/1 [BM91]. **Other** [SPY+93, MMTW10].

**Ottawa** [BT01]. **Out-of-Core** [QOIM+12, ABC+15]. **out-of-order** [SAJ12, SW16]. **output** [MQ94].

**Outstanding** [LSB15]. **Overall** [SEP96].

**Overcome** [SW08]. **overview** [KOE+06].

**Overhead** [DSR15, RRP06, YL16, ZHCB15].

**Overheads** [SHK15]. **overview** [Li05].

**Own** [BS99, Sho97a, Sho97b]. **Oxford** [ACM94c].

**P** [Ano00b, Nik94, PR05]. **P-RISC** [Nik94].

**P-STAT** [Ano00b]. **P-Thread** [PR05].

**Pacific** [IEE98]. **Pacifier** [MQ94].

**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, FL90, Sei98, Sei99].

**Pagoda** [YSS+17]. **PaiLisp** [K195]. **pain** [Gus05].

**Pajé** [CDoS01, CSB00]. **Palo** [ACM01].

**panel** [Ano94c, Bak95b, HCD+94, IAD+94].

**Paper** [ABH+01, TKA+01]. **papers** [ACM93a, ACM94b, ACM95b, ACM98b, KKD97, Cha05].

**par-monad** [FKS+12].

**ParADE** [KHK03].

**Paradigm** [EW96, JD08, LK15, PPA+13, BCG+95].

**Paradigms** [CM98, HD02, YMR93b, YMR93a]. **Parallel** [ABC+93, AMRR98, Ana89, ABP00, ACMA97, BAU92, BC00, BFA+15, BE13, BRC+00, BTE98, CZS+17, CL95, CDP+01, CBN+00, DS16, Den94, EJ93, FHM95a, Gil94, GSC96, GJ97, GAC14, HMLB16, Hon94, HN91, JY15, KTLK13, K195, KEL+03, Kon00, KKD97, Kw03, Lea95, LHS16, LFA96, Mah11, MS02, Mar07, MG15, MRG17, Nak03, NS97, Pan99, QSaS+16, Sch17, ScV91a, SAC+98, SRU98, WC99, YFF+12, ARvW03, AL510, BBYG+05, BCM+07, BAG+09, BB00, Boo93, BE12, BGK94c, CAR08, CFB+91, Cha05, CSM90, Chr95a, Chr95b, Chr96, DLM99, DESE13, EV01, FHM95b, FD95, Fuj97, GC92, Go197, GKK09, GEG07, GE08, GB99, HM97, HF88, Hop98, HHW93, IEE97, JMS+10, Joe96, KTK12, Kep03, Kim94, LSS12, Lu94, MT02a, MT02b, MT02c, MR98, Mis96].

**parallel** [NJ00, NPA92, OSPP12, RCV+10, RHH10, SBC90, Sch91, SC91b, Sha98, SWYC94, ST98, SG14, Ta93, TCG95, VPQ12, VGK+10a, VGK+10b, WZSK91, WK08a, WK08b, WK08c, WOK96, WTH+12, YCV+14, FR95, Vre04, WN10].

**Parallel-Multithreaded** [WC99].

**Parallelism** [AACK92, ABLL92, Bcej93, CSS+91b, DV99, EW96, FKP15, FURM00c, GVT+17, GP95, DK02, LK911, LEL+97a, LEL+97b, MG99, MR94, Mar03, MCT99, NB99, RBAA05, SPP99, SMD+10, SG96, Thr99, WS80, YBL6, Yoo96b, ALHH08, AKSD16, CSS+91a, CSS+91c, EE09a, FN17, FURM00a, FURM00b, HDT+13, KRBJ12, KDM+98, KV+09, KC09, LAH+12, QQLQ+09, SLZ99, SD13, TEL95, TEL98a, TEL98b, VDB99, VV00, Wei98a, XSaJ08, YZ14, Z96].

**parallelism-aware** [LAH+12].

**parallélisme** [Zig96].

**Parallelization** [CRE99, KC09, LVA+13, RM99, WZWS08, YLLS16, AC09, DC07, JJY+03, P003, RK+10a, RK+10b, RRM12, 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].

**Parsing** [BC00, Lar95, PCM16].

**Part** [Ano92a, Ano92b, KR01a, MCM98b, Hol98a, Hol98b, Hol98c, Hol99a, Hol99b, MCM96b, MCM98a].
Partial
[Loe97, RRP06, SP00b, Shi00, ZKW15].
partition [LZW17].
Partitioning
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Pathfinder
[KPP12].
Paths
[OTY00, Ano95a, Ano95b]. Pattern
[Ano97b, EGP14, OR12, EG11, GBP’07, SCM05]. Pattern-Based
[EGP14, EG11]. Pattern-recognition
[Ano97b]. Patterns
[DS16, LPK16, LTM’17].
PegaSoft
[Ano00b].
Pennsylvania
[ACM96]. Pentium
[RGK99]. peptides
[MIGA18]. Per-node
[TK98]. Per-Thread
[Cha’02, EE09b]. Perl
[FSPD17].
Performance
[ACM98a, ACM98d, ACM00, Aga89, Aga91, ABLM19, BS96, BL96, BRM03, BLG01, BH01, BHG’12, BBG11, Cal97, CRE99, CCH11, CCK’16, CCY’17, CH95, Ch02, CT00, CSM’05, CBH00, CM Clan08, DVA18, DWB10, EG02, EE14, FT96, FSPD17, FB01, FURM09, FGT97, Gal94, Gar01, GOS00, HRH08, Hol12, HN91, IEE94b, JFL98, KZTK15, KH01, KSR7, KTR’04, LWSB19, LCK11, LG06, LMMJ14, LHG’16, LHY16, Mah13, Man99, Mao96, MSM’16, MPD04, ME17, MWK’06, MKC97, MM14, NCA93, NBS’15, NGA94, Par91, PH97, PS01, QSA’16, RG03, RVOA08, RKK15, SCD’15, SLJ’19, TCI98, TT03, Tsa97a, TLGM17, VP16, Wei98b, WG99, WN10, YW03, ZL10, ZAK01, Zuh02, AAC’15, APX12, AAKK08, BGDWH12, BS10a, BBM09, BMV03, CML00, Car89b, CIM’17, Cho93].
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[Div95, Don92, DKK94, ECX’12, FL90, FM92, Fis97, FURM09, FURM09, GS02, GEG07, GLC90, HLB90, ICH’10, Kim94, KLI’99, LB95, LB96b, LHY16, LHY16, LMC14, LBE’98, MLC’09, Nak11, MCRS10, McMe97, PZLA97, PGB12, RGG99, SE12, SSKP’07, SQP08a, SQP08b, SQP08c, SKP’02, TMC09, TR09, The95, TV11, Wan94, WCZ’07, WOKH96, YZ07, YML02, ZJS10].
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[Par91]. Performance-Driven
[LWSB19].
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[ACM98a, ACM98d, ACM00, Aga89, Aga91, ABLM19, BS96, BL96, BRM03, BLG01, BH01, BHG’12, BBG11, Cal97, CRE99, CCH11, CCK’16, CCY’17, CH95, Ch02, CT00, CSM’05, CBH00, CM Clan08, DVA18, DWB10, EG02, EE14, FT96, FSPD17, FB01, FURM09, FGT97, Gal94, Gar01, GOS00, HRH08, Hol12, HN91, IEE94b, JFL98, KZTK15, KH01, KSR7, KTR’04, LWSB19, LCK11, LG06, LMMJ14, LHG’16, LHY16, Mah13, Man99, Mao96, MSM’16, MPD04, ME17, MWK’06, MKC97, MM14, NCA93, NBS’15, NGA94, Par91, PH97, PS01, QSA’16, RG03, RVOA08, RKK15, SCD’15, SLJ’19, TCI98, TT03, Tsa97a, TLGM17, VP16, Wei98b, WG99, WN10, YW03, ZL10, ZAK01, Zuh02, AAC’15, APX12, AAKK08, BGDWH12, BS10a, BBM09, BMV03, CML00, Car89b, CIM’17, Cho93].
Performance-energy
[ACM98a, ACM98d, ACM00, Aga89, Aga91, ABLM19, BS96, BL96, BRM03, BLG01, BH01, BHG’12, BBG11, Cal97, CRE99, CCH11, CCK’16, CCY’17, CH95, Ch02, CT00, CSM’05, CBH00, CM Clan08, DVA18, DWB10, EG02, EE14, FT96, FSPD17, FB01, FURM09, FGT97, Gal94, Gar01, GOS00, HRH08, Hol12, HN91, IEE94b, JFL98, KZTK15, KH01, KSR7, KTR’04, LWSB19, LCK11, LG06, LMMJ14, LHG’16, LHY16, Mah13, Man99, Mao96, MSM’16, MPD04, ME17, MWK’06, MKC97, MM14, NCA93, NBS’15, NGA94, Par91, PH97, PS01, QSA’16, RG03, RVOA08, RKK15, SCD’15, SLJ’19, TCI98, TT03, Tsa97a, TLGM17, VP16, Wei98b, WG99, WN10, YW03, ZL10, ZAK01, Zuh02, AAC’15, APX12, AAKK08, BGDWH12, BS10a, BBM09, BMV03, CML00, Car89b, CIM’17, Cho93].
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[ACM94c, ACM98d, ACM99a, ACM01, Ano90, Ano94a, Ano94d, AOV99, Gol94, Hol12, IEE89, IEE90, IEE92, IEE93, IEE94a, IEE95, IEE96, IE02, Lak96, LCK11, USE89, USE91a, USE91b, USE92a, USE93a, USE93b, USE96, USE98b, USE98e, USE00b, USE01, USE02, ACM92, ACM95a, ACM96, EV01, IEE97, Wat91, ACM93b, ACM98c, RM03, Ano91, DLM99, IEE94b, IEE94c, FR95].

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[CB16, I101, SPR+93, ZSA13, YZYL07, Zlg96]. Processing
[AHW02, GAC14, MLGW18, RW97, SG18, SS91, WN10, How98, MVV05, Par91, PYP+10, RKHT17, WCZ+07]. Processor
[ABC+93, Ano00b, BCG+08, BGH+12, EHG95, GV95, HMNN91, HHH09, KHM02, KST04, KML04, KA05, LvH12, MGQS+08, MG99, MTN+00, MVZ03, MB05, SW08, Sin97, ST00c, SZ02, SBKK99, SUF+12, UALK17, WS08, AAFH09, APX12, BEKK00, CL94, CY90, Ch092, EE10, Fis97, Fu97, Goo97, HF88, HKN+92, HNN+92, KDM+98, Kho97, KBA08, LBvH06a, LBvH06b, LBvH06c, LCH+08, Lu94, MK12, Met95, Moo95, Mow96, OCRS07, Rj93, Sh99, SjA12, Sin99, ST00a, ST00b, STV02, S4u94, S119, 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].

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[ARB+02, AH00, Ano01, BF04, EEL+97, FT96, FJ08, GJT+12, GSL10, JGS+19, KS16, KLG08, KU00, KLB09, LPE+99, MHC95, MCFT99, MR09, OCS01, PF01, RCM+16, RYSN04, RRR11, SU01, SR01b, US02a, VS11a, YG10, ZP11, Aga90, Ag91, Ag92, AAC+15, BGDmWH12, BWDZ15, CS95a, CS95b, CN14, CDD+10, DWYB10, Div95, Eic97, EE09a, EE09b, EE12, FD95, GMW09, GBP+07, KBB+12, LLL10, LBE+98, Luk01, MN03, MEG03, MTPT12, Mis96, N12, NZ17, PFV03, PAB+14, RGG+12, RCM+12, RPNT08, SL08, SMS+03, USR02b, USR03, ZSB+12, WM03].

process [Zlg96]. Procs [MT93].

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Programmability [TH+12].

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[Cro98, Wil00, MS87, San04, Swi09].

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programming
[TMAG03, Wal00, WCC+07, Yaa02].
Programs
[ABNP00, BBFW02, BE13, BLG01, CC14, CJW+15, CRE99, CS02, CC04, CdS01, Chr01, DRV02, EGP14, FQS02, GKCE17, HL94, JB18, Kr98, LSC04, Lum97, Lun99, MS89, MGK+00, OB13, PHK91, Rin01, RS96, RR99, SPD9+17, SBN+97, SYHL14, Ste01, TGB905, Tra91, Vol93, VE93, ABF+10, BRS10, BK13, BCG13, BGC14, Bh95, BE12, BC02, BS10b, BNS11a, BNS11b, BNS12, CZWC13, CJ01, CL00, CLL+02, CVJL08, Cor00, DJLP10, Di00, DESE13, EFG+03, EG11, EHSU07, FK12, Fer13, FF04, FFQS05, FF08, FFY08, GMR09, GR06, GPR11, HZ12, JPS+08, JWGTG11, JFL98, KCO9, LC14, LC13, MS03, MS87, MC06, MQ07, RR06, NH09, NS14, NV15, OdDSSP12, ORS+06, PAdS+17, PDP+13, PS03, PS07, RVS13, Rei95, RS07, SRO1a, SCG95, SRA06, Sen08].

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RACE
[Toy96, UCT15, LS18, MKM14, SBN+97, Sen08, Yan02, ZLJ16, AFF06, AHK08, EBT07, FF09, HR16, HHPV15, MNN90, NAW06, NA07, PS03, PS07, PF06, RVS13, WDC+13, XHBO6, DWS+12].

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reachability-modulo-theories
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Reactive
[Toy96, UCT15, LS18, MKM14, SBN+97, Sen08, Yan02, ZLJ16, AFF06, AHK08, EBT07, FF09, HR16, HHPV15, MNN90, NAW06, NA07, PS03, PS07, PF06, RVS13, WDC+13, XHBO6, DWS+12].
[LSB15, RGG+12, ZSB+12]. Respec
[102x646] [LWV+10]. Response [BBC+00, Sni01].
responses [BS06]. Responsive [SUF+12].
Restart [ZSA13]. Restating [EE14].
Restore [Ano00b]. restricted [ABG+08].
restructuring [BVG97]. Results
[GV95, GR98]. Retentive [RRK11].
Rethinking [Xue12, Loo95]. Rethinking
[CML00]. Retrospective [TEL98a].
Reusable [Han97]. Reuse
[BCZY16, KZTK15, LPK16, JSB+13].
NAA01, PHCR09]. revealing [Dav11].
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Restart [ZSA13]. Repeat
[TP96, Gol97, Ong97, TSY00, TMAG03].
Review [Lar97, Van97a, Vre04]. Reviews
[Bra97]. Revised [Cha05]. revisionist
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revolutions [ECX+12]. Rewriting
[BV95, BG94b]. RHEED [BD06].
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[Lev97]. Robust [CMF+13, LG04].
Rockefeller [IEE90]. Rogue [Ano00b].
Role [BC94, KZTK15]. rollback [YZYL07].
root [CML90]. Ropes [HM95]. routine
[SG18]. Row [KZTK15]. RP3 [CJ91]. RPC
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[MRS17]. RTOSS [IEE94a, IEE94d]. RTR
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TNB+05]. Run-Time
[EJ93, LFA96, SS96, TSY99, TNB+05].
running [Cal02, MLCW11, SSN10]. runs
[Hag02]. RunTime [ABN99, ABN00,
ABH+00, ABN00, BJK96, BM99].
CZS+17, DNR06, FSS06, KPC96, NPT98,
NS97, QOM+12, SSP99, WS06, ATLM+06,
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EQT07, Gol97, Ong97, TSY00, TMAG03].
runtimes [RL14]. Russians [KNP16].
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[BCL+98, Kle90, Loc18, Low90, NH99, Pla02,
AFF06, BYLN99, DBMB16, Fek08, GCC99,
GOT03, Gro03, NHFP08, Nev99, Rin99].
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[Hag02, Pla98, Ric99, SP00a, GPS14, San99,
San04, SRA06, Taf13, Van97b, Ven98, Yan02].
safety-critical [San04]. Salt [Hol12].
Sampled [JYE+16]. sampling [MMN09].
San [ACM92b, ACM94d, ACM95b,
ACM98b, USE89, USE92a, USE93b,
USE98b, USE00a, USE02]. Santa
[Go94, WP10]. SAT [VDK90]. Save
[Pl93, Dye98]. saving [Mus99].
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[ACM98d, ACM98d]. SC’99 [ACM99b].
Scalability [ABLM19, CCH11, GVT+17],
Nak01, VP16, BWZ15, DSEE13, MWK+06,
RVOA08, VIA+05]. Scalability-Aware
[GVT+17]. Scalable [BMBW00b, CC14,
CH04, CKZ12, IEE94b, KUC15, LM14,
LNI+19, MLHC11, Mio04, SS96, ZLW+16,
BMBW00a, BMBW00c, GW10, LZ07,
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[CC14, CJW+17, HC17, LA93, PWL+11,
AG06, BCM+07, GOT03, SMK10, KBA08].
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[HC17, AR17, ECX+12, KTLK13, SW16].
Scaling-Aware [HC17]. SCALO
[GVT+17]. scene [RVR04]. Schedulability-Aware
[Kim14]. Schedulability-Aware [Kim14].
Schedule
[MQLR16, MLR15, NAAL01, WTH+12].
Scheduler
[ABLL92, BDN02, FSPD17, GJT+12,
QSA+16, SR08, SMK99, DC99, DC00,
F0K+12, G0P+5, HZ12, WTKW08, XSAJ08].
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[BL94, BL98, BL99, CCWY17, FS96, FSPD16, GR06, JLS99, KLD09,
LLK12, MNU+15, NB99, PEA+96, PM14,
R08, SLG04, YWJ03, BL93, CS99, CS95b,
CC12, DC99, DC00, EE10, EE12, FD95,
FKS+12, GA09, HL07, JSMP12, KKJ+13, KBP+03, Mis96, OA08a, OA08b, OA08c, PAB+14, Pol90, ROA14, SCCP13, SLG06, ST00a, TAS07, WHJ+95, ZSB+12. Scheme [ABN99, PJS15, SKKC09]. Schur [YFF+12].

Science [Gol94]. Scientific [CMBAN08, HL94, IWSB19, WN10, BT01, BD06, Dan09, NJ00, Bra97].

Scheme [ABN99, PJS15, SKKC09]. Schur [YFF+12].

Science [Gol94]. Scientific [CMBAN08, HLB94, IWSB19, WN10, BT01, BD06, Dan09, NJ00, Bra97].

Scientific [CMBAN08, HLB94, IWSB19, WN10, BT01, BD06, Dan09, NJ00, Bra97].

scoring [TO10].

Scotland [AOV+99].

SCP [SLJ+19].

Scriptics [Ano00b].

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Search [AMRR98, BCC010, LAH+12, Mah11].

Search [AMRR98, BCC010, LAH+12, Mah11].

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Section [DSR15, MNU+15, CS12, DTLM14, SMQP09, YL16].

Section-Aware [MNU+15].

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Sections [NM10].

Secure [SV98].

Security [BRRS10, MS03, Way95].

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segmentation [BÇG14].

Select [KDDV03].

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Selection [AT16, PR05, Sta90].

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Selective [Nak03, PR98, VACG09, MCRS10].

Self [LLLC15, Pet00, SEP96, BDF98, SLP+09].

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Sequential [CV98, TLZ+17, TLZ+18, CKRW97a, CKRW97b, ORS+06, SCG95, SNM+12].

serialization [BHK+04].

Server [Auo00b, Cal97, Day92a, Day92b, Smi92, VB00, Zha00, CASA14, Est03, 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 [Auo94c].

set [Aru92, KBF+12].

Sets [MNG16].

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shading [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, BB00, Boo93, DLCO09, DPZ97, EKKL90, EV01, Gle91, IBS99, JF94, MLC04, MKR10, NPC06, RGG+12, TSY99, TSY00, YMR93a, YN99, ZSB+12, dB09, Cha05].

Shared-Memory [BS96, DM98, EJ93, IXS18, MVZ93, MCT08, Thr99, WC99, EKKL90, TSY00, YN90].

shared-variable [dB09].

Sharing [CLFL94, CB16, LLD15, 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].

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, Chat01b, WS08, BDL07, CL00, MSM+10].
SimpleGraphics [MKK99]. simplify [PO03]. Simplicity [Pom98].

Simulation [For97, GV95, HPB11, JYE+16, MPD04, SLJ+18, VTSM12, WG94, Ano97b, BBH+17, KBF+12, Leg01, Lep95, MH02, SWYC94, Situ93]. Simulations
[HEMK17, LNI+19, LSI1, SCD+15, ABC+15, KU17, LVA+13, VPQ12].
simulator [CC18, LPK16]. simulate [MAF+09].
Simulation [For97, GV95, HPB11, JYE+16, MPD04, SLJ+18, VTSM12, WG94, Ano97b, BBH+17, KBF+12, Leg01, Lep95, MH02, SWYC94, Situ93]. Simulations
[HEMK17, LNI+19, LSI1, SCD+15, ABC+15, KU17, LVA+13, VPQ12].

Simulink [HY+15]. Simultaneous
[Ano05, CSK+99, EEL+97, GSL10, HMMN91, LEL+97a, LEL+97b, LPE+99, LEL+99, LRZ+16, MCF+99, REL00b, SP07, SLG04, SU01, ST00c, TEL95, Tul96, TEL98b, WS08, YG10, ABC+99, AAKK08, ABB+15, CCC12, EE09a, Fis97, HKN+92, HMM+92, LBE+98, Luk01, Mah13, MMM+05, MEG03, PHCR09, RCG+10, REL00a, REL00c, RM00, RPNT05, SLG06, SW16, ST00a, ST00b, STV02, SMS+03, TOSCH99, TEE+06, VPC02, TEL89a]. Single
[CLFL94, Dub95, EHP+07, FT96, HOMN91, JBK18, KH18, KTR+04, MNU+15, MTN+00, CSM+05, MLC+09, Pra95c, VIA+05, YZ07, YSY+09].

Single-Address-Space [CLFL94]. single-and [YSY+09]. Single-Chip
[HHM091, MTN+00]. Single-ISA
[KTR+04, MNU+15]. Single-Process
[FT96]. Single-program [Dub05].

Single-Thread [KH18, MLC+09]. Single-Threaded
[EHP+07, JBK18, Pra95c, VIA+05, YZ07]. Singleton
[Cha02, Rin99]. Situ
[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
[Simm97]. SMP
[BWXF05, BHN01, CRE99, HD02, KKH03, KKJ+13, Pra95c, TAS07, TMAG03]. SMPs
[WG99].

SMT [Ano05, AH00, CY09, EE09b, EE10, EE12, FSPD16, FSPD17, HR10, KL08, KH18, KI16, MG99, MMM+05, NSP+14, PAdS+17, PAB+14, PLT+15, RYSN04, RPNT08, SL08, TAS07, TVB+13, VS11b, WA08].

SMT-based [K16, PAdS+17, PAB+14].
SMT-Directory [HR10]. SMTp [CH04].

Soft
[EUVR06, PSM01, PSM03, SSB+10, VACG09].
Software [Ano97a, Ano98b, Ano99, Ano00b, BCR01, BC+08, Gar01, Gon90, GJ97, HB92, Han97, HSS+14, IE94a, KE15, LPE+99, MKM17, PJS15, SZM+13, SD13, TVB+13, TLZ+17, TLZ+18, XWG+14, YBL16, ATLM+06, AC09, ABC+09, BT01, Bra97, CDD+10, DPZ97, GLPR12, HMP97, HSD+12, IE94d, KKH04, KSD04, KASD07, LMT97, Luk01, MWP07, MCRS10, MGL95, MEG03, NHFP08, OAA09, OL02a, OL02b, OL02e, PV06, RKM+10a, RKM+10b, RVOA08, San04, SP05, SLP+09, SBR08, TNB+95, WCT+07, WCV+98, YSY+09, ZHC05, DWS+12]. Software-Controlled
[BCG+08, Luk01]. Software-Directed
[LPE+99]. Solaris
[Cat94, Lun97, Lun99, MM01, McM97, Pra95b, Sun95].

Solution
[Ano98b, BSC91, WP10]. Solutions
[Ano00b]. solve [Bar09, MM07]. Solver
[YFF+12, Kub15, RM99]. Solvers
[MR09, Nak03, AAC+15, ZCO10]. Solving
[ABD+12, FTAB14, Loe97, VSDK09].

SONET [AWH02]. Sort [GH98, RHH10].
Sound [WTH+12, DWS+12, FFY08, NFB17, WQL18]. Source
[Ano00c, BMF+16]. sources [SJ95]. South
[ACM93a, Ano94d]. Space [BCL+98, BL93, BL98, CBLF94, CB16, Eng00, GRS97, GN96, NB99, PWL+11, Sch17, FLW03, KNPS16, KASD07, Li94, LHS16]. Space-Efficient
[BL98, NB99, BL93, KNPS16, KASD07, LHS16]. Spacecraft
[SRS98]. Spaces
[FKP15, Röt19, CKZ12, KGGK09]. Spain
[ACM95a, DLM99, ACM98c]. SPARC
[Cat94, KAO05, MD96]. Sparcle
[SPARC]. Specialization
[dlPRGB99]. Specialized
[Ste01, Sp00b, Shi00]. specialization
[Stä05]. specifications
[TVD10]. Specifying
[BNS11a, BN11b, BNS12]. spectroscopy
[KC09]. spectrum
[DFK94, Sha95b]. Speculated
[SCL05]. Speculation
[MGI14, SU01, WS08, YBL16, DG99, GB99, JEV04, LWV+10, MT02a, MT02b, NB12, P003, PT03, SCZM00]. Speculative
[Ano00, An00b, 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, LWV17, LZL+14, NB12, OL02a, OL02b, OL02c, PV06, SMS+03, VS11b, XIC12, ZCSM02a, ZCSM02b]. speech
[LG04]. Speed
[Ano00a, Ano03, GV95, HG91, MR09, HG92, Pra95b, SR98, TO10]. Speed-up
[MR09]. Speedup
[LSS06]. SPIRAL
[MJF+10]. SPIRAL-generated
[MJF+10]. splittable
[SLF14]. 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
[An00c]. Stack
[Eng00, Xue12]. Stackable
[Loe05]. stacking
[KSB+08]. Stackless
[MS15]. stacks
[DESE13]. StackThreads
[TTY99]. StackThreads/MP
[TTY99]. Standard
[DM98, FSS06, WKG17, BCL+98, Bra97, MT93, Pla98, Pla99]. standardization
[Bet73]. Standards
[Thr99, TTY99]. Standing
[TLA+02]. Stanford
[EE99]. STAT
[An00b]. State
[Laf00, LPM94, MP13, RRK11, Wei98b, Cor00, I+94, TFG10, WHG07]. State-of-the-Art
[MP13]. State-Retentive
[RRK11]. Statechart
[KW17]. Statechart-Based
[KW17]. stateless
[MQ08]. Static
[GPS14, Kri98, Lun97, SCB15, WW96, vPG03, Fer13, NA06, NA07, AFF06, FFLQ08]. Static/dynamic
[SCB15]. Statistical
[An00b, RCM+16, Lan97, RCM+12, Tem97]. Stay
[GBK+09]. stealing
[ALHH08, BL94, BL99, RL14]. Step
[SH097a, SH097b, ZG98]. Steroids
[JLA16]. Stethoscope
[Caz02]. Stochastic
[DK02, LTM+17]. Storage
[AT16, Hol12, LCK11, Bak95a, Blh92, DZKS12, KOE+06, MM07, PDMM16]. stores
[TAN04]. strand
[RCV+10]. strata
[NPC06]. Strategies
[PSCS01, 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
[An00c]. Strong
[CWBB03, KZC15, MCT+07, ZHCB15]. Structural
[CRK99]. structure
[BB00, YKL13]. Structured
[TCI98, FR95]. Structures
[RCH95, AGN09, GoI97, ND13]. students
[Fek08]. Study
[AGK96, Chl15a, EGC02, HMT+96, LSB15, Sat02, TAK+00, VK99,
WG94, YMR93b, Bri89, CASA14, CL00, Fis97, HJT93, HF96, KPPER06, MGL95, SP05, Sod02, Tsa97a, YM92, YMR93a.

Style [Wil94a, Wil94b].

subdivision [MTS10].

Subordinate [CSK+99, CTYP02].

Subsetting [AJK+12].

Substrate [ACM97, Hal97a, JP92].

Subsumption [Man91].

Subtleties [BLM06].

Sux [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].

Superthreading [Tsa97b].

Suppression [JWTG11].

Survey [Man96, ZSB+12, Cat94, UR902b, UR903].

Survival [Ano98].

Swing [Gea98].

Switch [GN00, Eic97, GWM07, TVB+13].

Switzerland [Lak96].

Symantec [Rod95a].

Symmetric [BMV03, NV94, BJK+91, Pra95b, RGK99, Sha98].

Symmetry [ES97].

Symposium [ACM93a, ACM93b, ACM94b, ACM94c, ACM95b, ACM98b, ACM98c, Ano91, Ano94a, Ano00a, Ano93, Gol94, Hon94, Lak96, USE91a, USE92b, USE93a, USE98a, Wat91].

Synapsys [Col90a].

Synchronization [Bec01, 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 [MTPT12].

Synchronizing [McM96a, McM96b, CZWC13].

Synchronous [BM07, HPB11].

SynchroTrace [SLJ+18].

Sy [USE01].

System [AddS03, AdBdRS08, AK+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, PLT+15, QOM+12, REL00b, SEP96, Sri93, SG96, TCL98, VSM+08, Yam96, AdBdRS05, AAC+15, Ano96, Ano97b, A+01, AR17, BBFW03, BDM98, BCRS00, BAD+10a, BAD+10b, BJK+95, BAD+09, BLD97, Cat94, GIL88, Hig97, Joe96, Lan02, MHW02, MS87, Met95, MTC+07, MC06, OCRS07, PRBO7, Pyl90, Pom98, REL00a, REL00c, RD09, She02, TKA+02, TLZ+16, TMAG03, WCC+07, WZWS08, WZSK19, TLA+02, EKB+92, MS87, Pea92].

Systems [PLT+15].

system-level [OCR57].

systematic [MQR07].

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, GJ07, HRH08, HKS06, IEE89, IEE94a, KR12, KKH03, KG05, KUCT15, KW17, LLS06, LMA+16, LYH16, MS15, PP011, PGB16, RW97, RR03, SUF+12, SS96, USE92b, Wal95, WC99, Zub92, Ano92a, Ano92b, BCM+07, BC02, Cat94, DCK07, DWYB10, DZKS12, DSH+10, DDBD91, GJ11, Go96, GKK09, HJT+93, Hop98, HWW93, HBCG13, IEE94d, ISS98, JD08, Jen94, Jen95, KKH04, Kub15, LVN10, LLLC15, Leg01, LAK09, IVA+13, MLC+09, MGL95, MM07, NFBB17, PBDO92, RCY+10, RBF+89, RSB+09, RVR04, SCCP13, She98, SP05, Sim97, SJB92b, ST05, Wei98a, WCV+98, Ano98b). systolic [PYP+10].

T [Ano00c, NPA92]. T/TCP [Ano00c]. T1 [Wei08]. T1/T2 [Wei08]. T2 [Wei08]. Table [VB00, KNPS16]. tabling [AR17, AR19]. Tabu [AMRR98]. taint [ZJS+11]. TaintEraser [ZJS+11]. Take [Wei97]. taking [Ano94c]. Talking [Ano94c, HCM94]. TAM [CGSV93]. Taming [Hol00, HBCG13, HHPV15].

TapeWare [Ano00b]. Target [MIGA18]. targeting [LGH94]. Task [CKK+16, GP95, Kwo03, Mar03, Mis96, PM14, ABG+08, CASA14, DCK07, ODSSP12, RCM+12].

Task-Level [GP95]. Tasking [CvdBC18, Dii93, KR01a]. Tasks [Fin95, PVS+17, YSS+17, FGG14].

Taxonomy [HM96, SPH96]. TC2 [BT01]. TC2/WG2.5 [BT01]. TcI [As96, USE96, USE98b, USE00b, Ama98, MKK99, SBB06].

tcl-based [Ama98]. Tcl/2k [USE00b].

tcl/Tk [As96, 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, UZO00, VACG09, WCV+98].

Techniques [DS16, EKKK90, GS02, Han97, NLK90, PWL+11, TGBS05, Zig96, BR92, GEG07, OCRS07, Pra97, RCG+10, SV96c, SV96a, SV96b, ZSB+12].

Technologies [Ano00b, Ano98b].

Technology [Br97, KM03, LB00, USE01, VSM+08, KSB+08, Tsa97].

TeleNotes [WKS97].

temperature [CCC12].

Template [Cal00, How98].

Tennessee [IEE94b].

Tera [BTE98, Mat97].

Terabytes [IEE02].

Term [BGK94a, BGK94b, BGK96].

Termination [JBK18, TDW03].

Test [Ama98, EFN+01, GRS97, SPDLK+17, TG99, EFN+02, K16, SR14].

test-case [KI16].

Testing [BBdH+11, Go01, 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, NFB17, WLK+09].

there [Ano94b].

thermal [WA08].

though [Ano94b].

Thread [Ano00c, ABN99, ABN00, Bet73, BS99, CNQ13, Cal97, CC04, Cha02, CWWV17, Col90a, DSR15, DGK+03, Don02, Eng00, FD95, FURM00a, FURM00c, FURM00b, GF00, GJT+12, GP05, GBS07, GBK+09, Hag02, Hei03, HG91, ISS98, KG05, Kim14, Kle00, KH18, KDH+03, KBH+04a, KBH+04b, LLL10, LLYH16, LEL+97a, LEL+97b, Low00, LLD17, Man99, MG99, MNU+15, MGH14, MTN+00, MB05, MCF799, ND96, Pan99, PR05, PEA+96, PLA02, PLA98, Pra95b, PGB12, PSCS01, RCY+10, RCM+16, RCG+10, Rec98, Ric99, Rin99, RYSN04, Rod95b, SKS+92, Sat02, STY99, SLG04, Sin07, SKK+01, SLT03, Ste01, TAO7, TLGM17, Wei98b, WC99, Wei97, Whi03, YBL16, ZP11, AMRR98, ABG+08, BK2+13,
BHK+04, BC02, CZSB16, CZ02, CSM+05, DBMB16, DG99, DWYB10, Don92, DBRD91, Eic97, EE09b, Fek08, GP08.

thread [GOT03, GLC99, Hyd00, JEVO4, KDM+98, KC09, KBA08, KSD04, KASD07, LK13, LZW17, Lie94, LML00, LBL+14, Lo95, MLC+99, MT01b, MT02e, MC06, OT95, PAB+14, PRS14, PKB+91, PO03, PT03, PGB14, QQ0QV+99, SKG+11, Sha95b, SLG06, SP00b, Shl00, SPH96, SSSl9, SDF13, SLT02, Sti05, SJC5, SCZM00, ST05, SS10, Tan87, TE94a, TLZ+16, TCG95, Tra91, Van97b, Van97, Van98, 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, JEVO4, KC09, MT02a, MT02b, MT02e, PO03, PT03, QQ0QV+99, SCZM00, YZ14].
Thread-Local [DGK+03, Whi03].
Thread-management [RCG+10].
Thread-modular [GBCS07].
Thread-Private [Man99]. thread-related [TLZ+16]. Thread-Safe [Kle00, Pla02, Rin99, DBMB16, Fek08, GOT03].
Thread-Sensitive [CC04, RYSN04].
Thread-Specific [Ste01, SP00b, Shl00].
thread-switch [Eic97]. threadbare [Bak95b]. Threaded [AGK96, BBG+10, BC98, Bed91, BGK94a, BGK94b, BGK96, CL95, CKRW99, Coo95, CSS+91b, DV99, EHC95, EHP+07, FdL92, GHO3, GVT+17, GK94, Gil93, III01, JBK18, JY15, Jon91, KW17, Kri98, Kuc92, KIAT99, LB92, Mas99, MG15, MGK+00, NS97, PCPS15, Pul00, RKCW98, STW93, Sei99, Smi92, Ste01, SBKK99, TLGM17, VSDK09, VS11a, VB00, WCT98, Ada98, AB+12, AACK92, Ano97b, BWDZ15, BK13, BHH+17, BC00, BIK+11, DSEE13, CV98, CIM+17, CASA14, CKRW97a, CKRW97b, CWHB03, CSB00, Cdos01, CYZ98, cC91, CL00, Chr01, CR02, CSS+91a, CSS+91c, DS16, EFG+03, EBKG01, EHSU07, FTA14, FD96, FG114, GCRD04, GCC15, GS06, GHK8, GPR11, H17, H1P+95, K195, KKH04, Kep03, KRRH98, Küh91, LK15, Lan97, Leg01, LBvH06a, LBvH06b, LBvH06c]. threaded [LVA+13, MLCW11, MS03, MKK99, NFBB17, NH09, NSH14, OA08a, OA08b, OA08c, PYP+10, PR98, PWWD18, P99Rc, RCV+10, RKM+10a, RKM+10b, RBPM00, RGK99, RS08, SCB15, Sam99, SP00a, SC17, SE12, Sei98, Sho97a, Sho97b, SV98, Smi06, Stu02, SQP08a, SQP08b, SQP08c, Taf13, TSY99, TSY00, Tem97, TMAG03, TJY+11, VIA+05, VV00, VK99, Wal00, Wil98, XMN99, YZ07, YSY+09, ZKR+11, dB09, vPG03, CGSV93].

Threading [BFA+15, CvdBC18, CNZS17, DHR+01, Hol98d, KS16, LKKB11, MLGW18, McC97a, McC97b, MS15, MP13, Nor90, OR12, PTMB09, RCC14, Rei01, Sch90, SMZ18, TGO99, YLLS16, Bak95a, BM07, DTLW16, FWL03, LZW+13, MLG+09, MCFT99, NJ00, RRF06, RRV04, SQP08a, SQP08b, SQP08c, VDBN98, kSYHX+11, YKL13, CH04].

Threading-Based [KS16]. ThreadMentor [CMS03, She02].

Threads [Al94, Ano94c, ACR01, Ber96b, BCL+98, Boe05, BLPV04, BAZ+19, Cal00, CGR92, Co90b, C98b, C98a, TLA+02, FHM95a, For95a, For95b, GMB93, GSC96, GN96, Gus05, Hai97b, HW92, HBG01, Hol00, How00, LH16, JLS99, KSS95, LP94, Lee93, Lee06, LB96a, LFA96, Man98, MKM17, MP98, McM96c, Nor96, PSM01, Pet00, Pet03, Pla93, Pra95c, San04, SEP96, TG99, WCW+04a, Wil94a, Wil94b, Wil97, Yam95, Yam96, dPREG99, Ano92, Bak95b, BZ07, Ber96a, BW97, BDF98, Bir89, BS00, Bt14, Bt97, CZWC13, Cal02, CPT08, Dra96, DESE13, DC99, DC00, FHM95b, FL90, GP05, Go97, HCM94, HM095, Hai97a, HBG02, HJT+93, HKT93, HKN+92, Hol98d, Hol98a, Hol98b, Hol98c, Hol99a, Kan94, KE95,
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].

Tightly [MTN*00, LZTZ15].

Tiles [QOI*M12].

Time [BC94, CIM+17, EJ93, GN96, IEE94a, JLS99, Kim14, LFA96, Lun97, MN00, PUF+04, PSCS01, SUF+12, SS96, Tet94, dPRGB99, CS95a, CS95b, DC99, DC00, GB99, IEE94d, Je94, Jen95, KBP+03, KASD07, KBF+12, MKK99, ND96, OT95, OdSSP12, PSM01, PSM03, RGG+12, San04, SZG91, SZ92, SJBJ92a, SJBJ92b, TSY99, TWB+95].

Time-QM [KASD07].

Time-efficient [GB99].

Time-shared [Je94].

Timely [NH09].

Timers [Hol99a, GRR06].

Timethread [BC94].

Timethread-Role [BC94].

Timing [SK97, MHWO2].

Timing-first [MHWO2].

Tiny [Xuc12].

Tip [Pet00].

Tips [Mit96, Pet00].

Tk [Ass96, USE96, USE96b, USE00b, TLA+02, MKK99].

TLB [PHBC18], together [Ano97b, Po90].

Tokyo [Ano00a].

Tolerance [EUVG06, MTS10, PG01, RRP06].

Tolerant [ÖCS01].

Tolerating [Luk01, RBK+09, SKK+01].

Tool [AddS03, Ano98b, Goe01, Kor89, TAM+08, ACD+18, CMS03, CSB00, Hig97, LMC14, RGK99, YNPP12].

Tool-Supported [AddS03].

Toolbox [Bra97].

Toolkit [SZM+13].

Tools [Ano98b, Cha05, EV01, WWW+02, EHSU07, Len95].

Tools.h [Ano00b].

Toolset [Ano97a].

Top [Ano99, AB02, DNR00].

Topaz [MS87].

topics [BGG95, GBG95].

Toroidal [KEL+03].

Totally [DHR+01].

Trace [RS08, HEJ09].

Trace-based [RS08].

Traces [HEMK17, SLJ+18, WKG17, HR16].

Tracing [Len02, EK11, Tod95].

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

trade [AAC+15, Par91, KUCT15].

trade-off [AAC+15].

trade-offs [Par91].

Tradeoff [SHK15].

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

Traffic [ILH16].

training [MCS15].

Tranquilizer [PGB12].

Transaction [LZS*08, RW97, SS91, DKG18, EQT07, Ver96].

Transaction-Aware [LZS*08, EQT07].

Transactional [GMGZP14, KUCT15, RG03, VSDL16, XWG+14, ZLJ16, ATLM*06, BLM06, BDL07, CMF+13, CVN+06, GCC15, MLS15, MCRS10, MMTW10, MTC+07, OCT14, VTS12, ZHC15].

Transactions [Ano00c, DTLW16, SKBY07, BD06, Dan09, KR01a, KR01b, KGGK09, RKK+10a, RKK+10b].

Transformation [HS10].

transformations [AC09, D’H92, JMS+10, VV11].

Transience [RM00, VPC02].

Transient-fault [VPC02].

Transitive [YMR93b, XHB06, YM92, YMR93a].

translation [KBF+12].

translator [TJY+11].

Transparency [GKCE17, KBH+03].

Transparent [ABN99, IVN10, SLGZ99, ZSA13].

Transparently [CB16, JSB+12].

Transport [GRS97].

transposition [SGLGL+14].

trap [Ram94, GRS97].

trap-based [Ram94].

Tree [Pla99, BCO010].

trees [AD08, CKZ12].

Trends [Gar01].

TRI [ACM93c].

TRI-Ada [ACM93c].

Triangular [BKK17].

Trick
[Eng00]. Tridia [Ano00b]. tridiagonal
[ZCO10]. trigger [Kho97]. Triggered
[PPA+13]. Troy [SS96]. TSGL [ACD+18].
TSO [HI16]. Tumbler [PGB16]. Tune
[RGK99]. tuned [Ano95a, Ano95b, Kub15].
Tuning
[LWSB19, LEL+99, CSB00, RGK99].
Tunnelling [Don02]. Tutorial [Taf13].
Twentieth [ACM93a]. Twenty
[AOV+99, ACM93b]. Twenty-fifth
[AOV+99, ACM93b]. Two
[BBH+17, CM98, JYE+16, STY99, GLC99].
Two-Level [JYE+16, BBH+17, STY99].
TX [Cha05, ACM00, USE91b]. TxRace
[ZLJ16]. Type [Gro03, Loc18, VGR06, BAD+09, GE08, Lan02, Mil95, PRB07].
type-checking [Mil95]. Type-Safe
[Loc18, Gro03]. typed [DMBM16]. Types
[AFF06, FFLQ08, Ten98, BAM07, KS93, VGR06].
typings [Smi06].

UCITA [Gar01]. UK [AOV+99]. ULT
[PG03]. Ultra [PWL+11]. Ultra-Scale
[PWL+11]. UML [SK12]. Unbounded
[CNV+06, FKP15, BDLM07]. uncommon
[BDLM07]. Uncover [WS08].
underdetermined [Kub15]. Undergraduate
[BLP04]. Understandable [MSM+16].
Understanding
[BZ07, TLA+02, EPAG16, JGS+19, RRP06].
Undocumented [SW97]. Unfoldings
[SPDLK+17]. Unicode [Swi09]. Unified
[Wei98b, ABG+08, GZK12]. Uniform
[BDN02, SKG+11]. unifying [MS03].
unimodular [DH92]. unintrusive
[HDT+13]. uniprocessor [GL98a, Yan97].
uniprocessors [BRE92, EJK+96].
Uniscape [Ano98b]. UNISIM [LS11].
UNISIM-Based [LS11]. unit
[CBM10, Par91, PAB+14]. United
[ACM94c]. Unithreaded [RLJ+09]. Units
[RKKK, Gun97]. univariate [CMX10].
University [IEE99]. UNIX
[Ano00b, FG91, JJ91, Kor89, MS87, MS89, Nor96, RR96, RR03, Yoo96a, Ano98b, Ric91].
Unix-to-NT [Ano98b]. UnixWare
[Rod94, Rod95b]. unlocking [XSaJ08].
unravel [But14]. Unraveling [Bec00].
Unsynchronized [DSR15]. unveiled
[Ano95a, Ano95b]. Unveiling [AAC+15].
up-and-downdating [VV11]. UPC
[EGC02]. updates [NH90]. Updating
[HSS+14, HSD+12, NHFP08]. Ur [Ch15b].
Ur/Web [Ch15b]. URL [TLD+02]. USA
[ACM94a, ACM94d, Cha05, Hol12, ACM96, ACM98d, ACM00, Ano90, EV01, IEE99, IEE94a, IEE96, USE98, USE99, USE91b, USE92a, USE93a, USE93b, USE00b, USE00a, USE01]. Usage
[BS96, Kor89, VS11b]. Use
[Bak95a, FJ08, HW92, WWW+02]. Use-once
[Bak95a]. Useful [Pet03].
USENIX [Ano90, Ano94f]. User
[ABLL92, DLM99, Eng00, GR97, MQW95, SLT03, RF05, P06, G06, H06, L05, MSLM91, OT95, SLTO, TNB+95, YZYL07].
User-Level [ABLL92, SLT03, MQW95, G06, MSLM91, OT95, SLTO, YZYL07].
User-Space [Eng00, GR97]. Using
[An99, ABH+00, AGZ17, BDN02, BBC+00, BLG01, BTE98, BAZ+19, CRE99, Cor00, DS16, DTLW16, DBRD91, GH03, HBG01, HJT+93, HBTG98, Hei03, How00, KMC02, KH18, Kwo03, KETO6b, LFA96, MPD04, McM98a, McM98b, Mix94, MM07, PF01, PBR+15, P003, SW08, SCD+15, SEP96, SLTO, WKG17, WJ12, Whi03, ZLI16, Ano96, Bar09, BCM+07, CML00, Cat94, CTYP02, CDD+10, CVJ08, CKZ12, DESE13, GCC15, GBM93, GEG07, Hig97, HH97, JWG01, JJY+03, KAS07, KBF+12, LK15, MM14, NPC06, NWT+07, Nik94, PT03, RKM+10a, RKM+10b, RM99, RPNT05, SLGZ09, SLP+09, TP18, TFG10, Tod95, TAN04, VPC02, VDO8, ZJS+11, KSB+08]. UT [Hol12]. Utility
[FBM95a, JSM13, FBM95b].
Utility-based [JSMP13]. utilization [Squ94]. Utilizing [ES97, WZSK19]. UX [Ano95a, Ano95b, Yam96].

V [EKB+92, pea92, FG91, PST+92]. v.1.0 [Ano00b]. Validating [LB17]. Validation [BMV03, LB17, SCB15]. Valley [GBK+09].

value [DG99, TFG10, ZCSM02a, ZCSM02b]. Values [EUVG06]. variable [Evrl01, dBo99].

Variables [Hol98c, Whi03, Bak95a].

variation [PGB12]. variety [CML00]. VAX [Gil88]. Vector [Goo97, HHOM91, HHOM92, KBH+04a, KBH+04b, KKS+08, LRZ16, VDo8, CS95a, CS95b, CSV10, KBA08]. Vector-Processor [HHOM91, HHOM92]. Vector-Thread [KBB+04a, KBH+04b, KBA08].

textureization [cC91, JMS+10, RKHT17].

texturized [TP18]. textures [KTK12].


Vertex [CNZS17]. Vertex- [CNZS17]. Very [AV+99, Pet03]. VI [ACM94d, Ano03]. via [BCZY16, CCWY17, FBFO1, Hig97, KRBJJ12, KGP12, KIm14, LVW+10, LTTZ15, LEL+97a, LEL+97b, RM00, SCCP13, SMD+10, Ten98, VV11, WCW+04b, WCW+04c, WCW+04d, WCW+04a, WLK+09]. Viability [KLH97].

Video [BC00]. view [KTLK13, PT91].

Vina [TO10]. Virtual

[BSSS14, BBM09, KG05, KKDVO3, PR07, PHBC18, USE01, WCW+04a, DLM99, DPZ97, DC99, DC00, MN03, MRG17, Ven97, WCW+04b, WCW+04c, WCW+04d, WK08a, WK08b, WK08c]. Virtualization [LRZ16, YSS+17, ABB+15]. Virtually [LB92]. virtues [NJ016]. virus [GJ11].

viscous [RM99]. Visual

[PTM BS09, Dil93, McM96c, Esp96, Nag01]. Visualization [Ano97a, AC1R01, CAI02, CAZ02, BCS00, CSB00, M KK99, NCA93].

Visualizing [CD0S01, WT10, ACD+18, DSEE13]. Visually [Dru95]. VLIW

[For97, GOL10, OCS01]. VLSI [ABC+93]. VM [FGG14]. VMs [KKJ+13]. voltage [MTPT12]. volumes [Koo93]. VRSync [MTPT12]. vs [EHP+07, GBK+09].

MMTW10, MCF109, SSKP+07, SKP+02]. vulnerability [SSN10, WHK97].

WA [LCK11, ACM93c, IEE94a, IEE94d]. Wabi [Ano97a]. Waiting [LA93]. Waits [Hov00]. WAN [Yas95]. Wanted [Ano94].

Warnings [CWJ+15]. warp

[FSY90, MT10, RE95, TAM95]. was [San04].

Washington [ACM92, Ano90, IEE94c, USE98a]. Watch [Ano97b]. water [IVA+13]. Wave

[Ano00b, BBC+00, LST07, WQLJ18]. wave-based [WQLJ18]. wavelet [TKHG04]. Way

[KA005, MTN+00, Rin99, ZJFA09, FGT96]. Ways [Wei97]. Weak [KZC15, TVD14].

Weaving [Pra96]. Web

[Ano94d, SW09, CH15a, CH15b, Hig97, MG14, PC16, VP16]. Webrelay [Zha00].

WebThreads [Ano97a]. week

[Ano95a, Ano95b]. weeks [But14]. weight [W95].

Weighted [CNZS17, EE14, HVF+12]. Weighted-IPC [EE14]. weighting [VS11b]. Weightless

[SPY+93]. Weld [OCS01]. well [Kub15]. well-determined [Kub15]. West [EV01].

WG2.5 [BT01]. Wheeler [LH16, NTR16]. Whole [EHP+07]. Whole [GN96, BMB09].

Whole-Program [GN96]. Wide

[Ano94d, Ano96, FGT96]. wide-area

[FTG96]. Widening [KKW14]. will
References

Antoniu:2001:HSC

Aliaga:2015:UPE

Alverson:1992:EHP


C. Axnix, G. Bayer, H. Bohm, J. von Buttlar, M. S. Farrell, L. C. Heller, J. P. Kubala, S. E. Lederer, R. Mansell,

Agarwal:1993:SMV

Antonopoulos:2009:ASH

Aliaga:2010:DDP

Aliaga:2015:CMS

Agarwal:2010:DDP
REFERENCES

ISSN 0018-8646 (print), 2151-8556 (electronic).


REFERENCES


[ACM:1994:IP] [ACM95b]


[ACM:1996:C] [ACM96]


[ACM:1998:AW] [ACM98a]

ACM, editor. ACM 1998 Workshop on Java for High-
REFERENCES


Abraham:2005:ABP


Abraham:2008:DPS


Abraham:2003:TSP


Abadi:2006:TSL


Arnold:1996:MPJ


Agerwala:2006:SRC


Agarwal:1989:PTM

[Anant Agarwal. Performance tradeoffs in multithreaded processors. Technical Report 89-566, Massachusetts Institute of Technology, Microsys-


Abdulla:2008:MCR

Adiletta:2002:PSA

Aitken:1996:MCJ

Ahn:2012:ISE

Azagury:1999:NIR

Aciicmez:2006:PSB
Arjomand:2016:BAP


Amer:2018:LCM


Agrawal:2010:HLF


Ahn:2009:MDE


Amer:2015:MRC

REFERENCES


Murali Annavaram. Blocking versus non-blocking: issues and tradeoffs in multi-

Anonymous:1990:PWU


Anonymous:1991:PIS


Anonymous:1992:MWPa


Anonymous:1992:MWPb


Anonymous:1994:ICS


Anonymous:1994:MDP

[Ano94b] Anonymous. Multiprocessor desktops are proliferating, even though there remains a shortage of multithreaded applications for them. *Open Systems Today*, 165:60–??, December 1994. ISSN 1061-0839.

Anonymous:1994:DCT


Anonymous:1994:PIW


**Anonymous:1994:SIP**


**Anonymous:1994:USC**


**Anonymous:1994:WMC**


**Anonymous:1995:HUW**

[Ano95a] Anonymous. HP-UX 10.0 will be unveiled this week, with newly tuned kernel and I/O paths, plus a multithreaded NFS implementation. *Open Systems Today*, 168:34–??, February 1995. ISSN 1061-0839.

**Anonymous:1995:HWB**

[Ano95b] Anonymous. HP-UX 10.0 will be unveiled this week, with newly tuned kernel and I/O paths, plus a multithreaded NFS implementation. *Open Systems Today*, 168:34–??, February 1995. ISSN 1061-0839.

**Anonymous:1996:WWD**


**Anonymous:1997:NPW**

[Ano97a] Anonymous. New products: WebThreads 1.0.1; QUERYFLEX Report Writer; Linux Pro Desktop 1.0; NDP Fortran for Linux; Numerics and Visualization for Java; Craftworks Linux/AXP 2.2; InfoDock Linux Software Development Toolset; Caldera Wabi 2.2 for Linux. *Linux Journal*, 34:??, February 1997. CODEN LIJOFX. ISSN 1075-3583 (print); 1938-3827 (electronic).

**Anonymous:1997:TWP**

3D semiconductor simulation.
Multi-threaded architecture.


[Ano00b] Anonymous:2000:NPAAa


**Arnau:2012:BMG**


**Areias:2017:SDP**


**Areias:2019:MDL**


**Adiletta:2002:NGI**


**Arunachalam:1992:EMM**


**Addison:2003:OIA**

Awile:2014:PWF


USENIX:1996:ATT


Altiparmak:2016:MMF


Adl-Tabatabai:2006:CRS


Artéaga:2017:GFG


Boehm:2008:FCC


Bocchino:2009:TES

REFERENCES

Bergan:2010:CCRa


Bergan:2010:CCRb


Baker:1995:UOV


Baker:1995:GTP


Baldwin:2002:LMF


Bic:1993:EUI


Burckhardt:2007:CCC

REFERENCES

June 2007. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


REFERENCES


REFERENCES

Butler:2011:BAM

Barabash:2005:PIM

Buhr:1994:TRM

Ball:1998:MT

Bhandarkar:2000:PPM

Boudol:2002:NCP
REFERENCES


[BCL+98] Edoardo Biagioni, Ken Cline,
References


REFERENCES


REFERENCES

127, November 1996. CODEN DDJOEB. ISSN 1044-789X.

**Berg:1996:JQH**


**Bettcher:1973:TSR**


**Bhowmik:2004:GCF**


**Bahmann:2008:EFK**


**Bhatotia:2015:ITL**


**Bergan:2014:SEM**


**Baghsorkhi:2012:EPE**

REFERENCES

1523-2867 (print), 1558-1160 (electronic). PPOPP ’12 conference proceedings.


**Bouchenak:2004:EIE**


**Bubeck:1995:DSC**


**Barekas:2003:MAO**


**Bientinesi:2011:CFS**


**Birrell:1989:IPT**


**Blumofe:1995:CEM**


REFERENCES


REFERENCES

0163-5999 (print), 1557-9484 (electronic).


REFERENCES

Bergstra:2007:SCE

Berger:2000:HSMa

Berger:2000:HSMb

Berger:2000:HSMc

Balkind:2016:OOS

Bouge:1999:ECM
Baker:1994:EPP


Briguglio:2003:PPM


Brunst:2001:GBP


Burnim:2011:SCSa


Burnim:2011:SCSb


Burnim:2012:SCS


Benson:1996:DMS

Bull:2001:MSO


Boehm:2005:TCI


Bond:2013:GDG


Boothe:1993:EMC


Brinkschulte:2005:ICA


Boehm:2007:MCC


Boroday:2005:DAJ


Boothe:1992:IMT

Bob Boothe and Abhiram Ranade. Improved multi-
REFERENCES


**Bogdanas:2015:KJC**


**Bramley:1997:TNRb**


**Bershad:1992:FME**


**Brebner:2002:MLC**


**Briot:1989:OAS**


**Brightwell:2003:DIP**

REFERENCES


Burnim:2010:ACD

Bartolini:2014:AFG

Boisvert:2001:ASS

Brunett:1998:IET

Butenhof:1997:PPT

Buttari:2013:FGM

Butcher:2014:SCM
Paul N. Butcher. Seven concurrency models in seven weeks: when threads unravel. The Pragmatic Programmers.
REFERENCES


[Car08] Simone Campanoni, Giovanni Agosta, and Stefano Crespi Reghizzi. A parallel dynamic compiler for CIL bytecode. ACM SIGPLAN Notices, 43(4):11–20, April 2008. CODEN SINODQ. ISSN 0362-1340 (print), 1523-
Catano:2014:CSL


Caswell:1989:IMD


Caswell:1990:IMD


Creech:2016:TSS


Coons:2010:GEU

REFERENCES

May 2010. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


Chen:2016:TMR


Chiny:2011:BDP


Chetlur:2010:SWM


Chandra:2001:PPO

Chung:2013:LBD


Chassin de Kergommeaux:2001:PEE


Catalyurek:2012:GCA


Canetti:1991:PCP


Cerin:2006:MSS


Culler:1992:AMMa


Culler:1992:AMMb


**Cattaneo:1992:ACT**


**Cattaneo:1992:ACT**


**Chaudhuri:2004:SAN**


**Chaudhry:2002:PTS**


**Chapman:2005:SMP**

Chen:2003:CSS


Chlipala:2015:NIM


Chlipala:2015:UWS


Chowdhury:1992:PEA

Indranil Chowdhury. Performance evaluation and architecture of an instruction cache for multithreaded RISC processor. Thesis (M.S. in Engineering), University of Texas at Austin, Austin, TX, USA, 1992. x + 93 pp.

Chong:1993:EMC


Chrisochoides:1995:MMDa


Chrisochoides:1995:MMDb

REFERENCES


REFERENCES

cdoc/Abstracts/0164-0925/
213986.html.

[CAI:2015:ADB]
Yan Cai, Changjiang Jia, Shangru Wu, Ke Zhai, and
Wing Kwong Chan. ASN: A dynamic barrier-based ap-
proach to confirmation of deadlocks from warnings for
large-scale multithreaded programs. *IEEE Transactions on
CODEN ITDSEO. ISSN 1045-9219 (print), 1558-2183 (elec-
computer.org/csdl/trans/
td/2015/01/06747310-abs.
html.

[CKD94]
Nicholas P. Carter, Stephen W. Keckler, and William J.
Dally. Hardware support for fast capability-based address-
CODEN SINODQ. ISSN 0362-1340 (print), 1523-
2867 (print), 1558-1160 (elec-
acm.org:80/pubs/citations/
proceedings/asplos/195473/
p319-carter/.

[CKRW97a]
P. Cenciarelli, A. Knapp, B. Reus, and M. Wirsing. From
sequential to multi-
threaded Java: An event-
Based operational semantics.
*Lecture Notes in Computer
CODEN LNCSDE9. ISSN
0302-9743 (print), 1611-3349
(electronic).

[CKRW97b]
P. Cenciarelli, A. Knapp, B. Reus, and M. Wirsing. From
sequential to multi-
threaded Java: An event-
based operational semantics.
*Lecture Notes in Computer
CODEN LNCSDE9. ISSN
0302-9743 (print), 1611-3349
(electronic).

[CKRW99]
P. Cenciarelli, A. Knapp, B. Reus, and M. Wirsing. An event-based struc-
tural operational semantics
of multi-threaded Java. *Lecture Notes in Computer
Science*, 1523:157–??, 1999. CODEN LNCSDE9. ISSN 0302-
9743 (print), 1611-3349 (elec-
tronic).

[CKZ12]
Austin T. Clements, M. Frans
Kaashoek, and Nickolai Zel-
dovich. Scalable address
spaces using RCU balanced
trees. *ACM SIGARCH Com-
puter Architecture News*, 40
(1):199–210, March 2012. CO-
DEN CANED2. ISSN 0163-
5964 (print), 1943-5851 (elec-
tronic). ASPLOS ‘12 confer-
ence proceedings.
REFERENCES


Curtis-Maury:2008:PBP


Cain:2013:RAS


Cahir:2000:PMM


Cahoon:2000:EPD


Carr:2003:TPT


Chen:2010:CCM


Che:2014:ALM

Hao Che and Minh Nguyen. Amdahl’s Law for multithreaded multicore processors. *Journal of Paral-


REFERENCES

Corbett:2000:USA


Cappello:1999:PNB


Criscolo:1998:JQH


Criscolo:1998:JQ


Choi:2008:ABP


Clark:2002:AMT

<table>
<thead>
<tr>
<th>REFERENCES</th>
<th></th>
</tr>
</thead>
</table>
REFERENCES


Christopher:2000:HPJ


Chappell:2002:DPB


Caromel:1998:JFS


Chen:2018:ROM


Chugh:2008:DA


Cohen:1998:WMP

REFERENCES


Cao:2016:DBG


Cai:2013:TST


Daniluk:2009:MTS


Davis:2011:ASM


Day:1992:INB


Day:1992:INC


deBoer:2009:SVC


Draves:1991:UCI

Richard P. Draves, Brian N. Bershad, Richard F. Rashid,
REFERENCES


REFERENCES

DeWitt:1999:PTL


Domani:2003:TLH


D'Hollander:1992:PLL


DeRusso:1998:MEH


Dolby:2012:DCA


Duncan:2001:LPD


Dillon:1993:VEM

Dill:2000:MCJ

Divekar:1995:IMP

Dam:2010:PCI

Karniadakis:2002:DLP

Denniston:2016:DH

Dubey:1994:APM

Ding:2018:IOC
REFERENCES

**Doligez:1993:CGG**


**Devietti:2009:DDS**


**Dongarra:1999:RAP**


**DelaPuente:1999:RTP**


**Demange:2013:PBB**


**Dagum:1998:OIS**

REFERENCES


Daloze:2016:ETS


Dorfman:1994:EMO


Devietti:2012:RRC


Dublish:2016:CCG


Dorojevets:1995:MDA


Donalson:1992:DDP

Douglas Dale Donalson. DISC: a dynamic performance evaluation of a multi-thread ar-
REFERENCES

chitecture. Thesis (M.S.), Electrical and Computer Engineering Department, University of California, Santa Barbara, Santa Barbara, CA, USA, 1992. ix + 88 pp.

Donnelly:2002:LTT

Dou:1997:ISV

Drake:1996:IJT

Dru:1995:VDE

Delzanno:2002:TAV

Desai:2009:AIC

Deniz:2016:UML
Etem Deniz and Alper Sen. Using machine learning techniques to detect parallel pat-

Bois:2013:BGV


Dang:2017:ECB


Dohi:2010:IPE


Das:2015:SBP


Ding:2015:OCA


David:2014:CMC

REFERENCES


Devietti:2012:RAS


Ding:2012:CDF


Ding:2010:PCM


Dyer:1998:CAS


[EBKG01]


Elkasif:2001:AMT

REFERENCES


Esmaeilzadeh:2012:LBL


Eyerman:2010:PJS


Eyerman:2012:PMJ


Eyerman:2014:RCW


Eggers:1997:SMP

REFERENCES


[EHJ+96] Richard J. Eickemeyer, Ross E. Johnson, Steven R. Kunkel, Mark S. Squillante, and Shi-

**Ediger:2013:GMA**


**Eykholt:1992:BMM**


**Eggers:1990:TEI**


**English:1995:MC**


**Engelschall:2000:PMS**


**Evtuyushkin:2016:UMC**


**Elmas:2007:GRT**

Tayfun Elmas, Shaz Qadeer, and Serdar Tasiran. Goldilocks: a race and transaction-aware


REFERENCES

Engelhardt:1996:PIP


Fan:1993:LMC


Farber:1996:EAM


Figueiredo:2001:IPH


Fisk:1995:TPT


Feuerstein:1996:MTP


Feuerstein:2002:LMT

REFERENCES

|----------------|------------------|

|------------------|------------------|

|------------------|------------------|

|------------------|------------------|
DEN SFENDP. ISSN 0163-5948 (print), 1943-5843 (electronic).

Flanagan:2005:MVM

Flanagan:2008:VSC

Faulkner:1991:PFS

Frincu:2014:ESV

Foster:1997:MMC
REFERENCES


[Fin95]  

[FHM95a]  

[FHM95b]  

[FK12]  

[FKD+97]  

[Fis97]  


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Publication Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>[FMY+15]</td>
<td>Zhenman Fang, Sanyam Mehta, Pen-Chung Yew, Antonia Zhai, James Greensky,</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
REFERENCES


Afonso Ferreira and Jose Rolim, editors. Parallel algorithms for irregularly structured problems: second international workshop, IRREGULAR 95, Lyon, France, September, 4–6, 1995:
REFERENCES

Field:1995:PPS


Fatouron:1996:SAS


Feliu:2016:BAL


Feliu:2017:PFP


Factor:2006:PID


Fung:2009:DWF


Farcy:1996:ISP

A. Farcy and O. Temam. Improving single-process performance with multithreaded processors. In ACM [ACM96],


Jana Giceva, Gustavo Alonso, Timothy Roscoe, and Tim Harris. Deployment of query

**Greiner:1999:PTE**


**Giampapa:2005:BGA**


**Gotsman:2007:TMS**


**Gao:1995:ATD**


**Guz:2009:MCV**


**Ghoting:2007:CCF**

Amol Ghoting, Gregory Buehrer, Srinivasa Parthasarathy, Dae-hyun Kim, Anthony Nguyen, Yen-Kuang Chen, and Pradeep Dubey. Cache-conscious fre-

**Gokhale:1992:ICI**


**Garcia:1999:MMI**


**Ghosh:2015:NCC**


**Georges:2004:JPR**


**Gasiunas:2017:FBA**


**Gravvanis:2008:JMB**

George A. Gravvanis and Victor N. Epitropou. Java multithreading-based par-

**Geary:1998:SM**


**Gravvanis:2007:PPA**


**Geiselbrecht:2001:NOS**


**Gerber:1995:IOX**


**Garcia:2000:PTL**


**Gao:1993:DMA**


**Gao:1993:SID**

REFERENCES


Ian Gorton and Innes E. Jelly. Guest Editors introduction: Software engineering for

**Ganesan:2011:MMP**


**Gebhart:2012:HTS**


**Gerlhof:1994:MTA**


**Granat:2009:NPQ**


**Garland:2012:DUP**


**Georgiou:2017:ETD**


**Garcia:2005:HJA**

References


Gallmeister:1991:EPP


Golla:1998:CMR


Golla:1998:CEB


Goldwasser:2007:INP


Gu:1999:EJT


Glenn:1991:CMH


Grebenshchikov:2012:SSV

Sergey Grebenshchikov, Nuno P. Lopes, Corneliu Popeea, and Andrey Rybalchenko. Synthesizing software verifiers from

**Giering:1993:IAF**


**Gonzalez-Mesa:2014:ETM**


**Gomez:1998:CAM**


**Ganty:2009:VLA**


**Gabor:2009:SLA**


**Govindarajan:1992:LCM**


**Grunwald:1996:WPO**

Dirk Grunwald and Richard Neves. Whole-program optimization for time and space

**References**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Details</th>
</tr>
</thead>
</table>
REFERENCES


REFERENCES


[GS02] Rajat P. Garg and Ilya Shara-

Grelck:2006:SFA

Goldstein:1996:LTI

[GS06]

Gulati:1995:MSM

Gunther:1997:MDF
REFERENCES


Haines:1997:OIA


Hamilton:1996:JSN


Hanson:1997:CII


Haines:1992:SMC


Hottelier:2015:SLE


Harrington:1999:WMM


Hayden:1993:BIC

REFERENCES

Hanson:2001:UFI

Hanson:2002:AFI

Heber:1998:UMA

Hankendi:2017:SCS

Halstead:1994:PCR

Haines:1994:DCT

Ding:2002:MOP
Honarmand:2013:CUA


Heinlein:2003:ATS


Homan:2009:SA


Hroub:2017:EGC


Halstead:1988:MMP


Hertzum:1996:BQO


Halappanavar:2012:AWM

[HFV+12] Mahantesh Halappanavar, John Feo, Oreste Villa, Antonino Tumeo, and Alex Pothen. Approximate weighted matching on emerging many-core and multithreaded architectures. *The International
REFERENCES

Hironaka:1991:SVP

Hironaka:1992:BVP

Hong:2011:AMA

Huang:2016:MCR

Hughes:1997:OOM

Hum:1991:NHS

Hum:1992:HSM

Hum:1999:NHS

Huang:2011:AMA
REFERENCES


[Hig97] Lauren Hightower. Publishing dynamic data on the Internet — Allaire’s Cold Fusion is a development tool that provides access (via the Web) to any database the Web server can access using ODBC. Cold Fusion runs as a multithreaded Windows NT system service and works with any ODBC-compliant database. *Dr. Dobb’s Journal of Software Tools*, 22(1): 70–??, January 1997. CODEN DDJOEB. ISSN 1044-789X.


REFERENCES

Huelsbergen:1993:CCG


Hur:2007:MSM


He:2008:COD


Hansen:1990:EPA


Holm:1994:CSP


Hu:2016:TDM


Helmbold:1996:TRC

REFERENCES


REFERENCES


**Holub:2000:TJT**


**Hollingsworth:2012:SPI**


**Hong:1994:FIS**


**Hopper:1998:CFM**


**Howes:1998:TPC**


**Howard:2000:UPW**


**Halappanavar:2015:CLL**

Mahantesh Halappanavar, Alex Pothen, Ariful Azad, Fredrik Manne, Johannes Langguth, and Arif Khan. Codesign lessons learned from implementing graph matching on multithreaded architectures. *Computer*, 48(8):46–55, August 2015. CODEN CPTRE4. ISSN 0018-9162 (print), 1558-0814 (elect-
REFERENCES


REFERENCES


Hendren:1997:CCE


Huber:2001:EFC


Hyde:2000:JTP


Huang:2015:COM

Kai Huang, Min Yu, Rongjie Yan, Xiaomeng Zhang, Xiaolang Yan, Lisane Brisolara, Ahmed Amine Jerraya, and Jiong Feng. Communica-


Hsieg:1993:CME


Horwood:2000:DMA


Hudson:1996:MDA


Halladay:1992:PUM

Steve Halladay and Michael Wiebel. A practical use for


[HZ12] Huang:2012:EPS

[IAD+94] Iannucci:1994:MCA


[IH+10] Illikkal:2010:PQP

[ICH+10] Ilakkal:2010:PQP

**IEEE:1989:WOS**


**IEEE:1990:PSN**


**IEEE:1992:PSM**


**IEEE:1993:PSP**


**IEEE:1994:PIW**

REFERENCES


IEEE:1999:HCS


IEEE:1999:HCS


IEEE:1999:HCS

IEE99


IEEE:1999:HCS

[ILFO01]


Ishihara:2001:CCP

IEEE:2002:STI


IEEE:2002:STI

IEEE02


IEEE:2002:STI

[ISS98]


Itzkovitz:1998:TMA

IEEE:2018:DMS


Iliakis:2018:DMS


Iwata:2001:PMT


Itzkovitz:1998:TMA
REFERENCES


[Jacobs:2018:MTV]


[Jaisson:2008:IPM]


[Jeffay:1994:LMT]


[Jensen:1995:DRT]


[Ji:1998:PMM]


[Jia:2019:UPD]

[Wesley M. Johnston, J. R. Paul Hanna, and Richard J. Mil-

[Johnston:2004:ADP]
 REFERENCES

W. F. Jolitz and L. G. Jolitz. Porting UNIX to the 386. The basic kernel multi-pro-
gramming and multitasking. II. Dr. Dobb’s Journal of Soft-
ware Tools, 16(10):62, 64, 66, 68, 70, 72, 118–120, October 1991. CODEN DDJOEB.
ISSN 1044-789X.

Haoqiang Jin, Gabriele Jost, Jerry Yan, et al. Automatic multilevel paralleliza-
tion using OpenMP. Scientific Programming, 11(2):177–
190, 2003. CODEN SCIPEV. ISSN 1058-9244 (print), 1875-
919X (electronic).

Daejin Jung, Sheng Li, and Jung Ho Ahn. Large pages
on steroids: Small ideas to ac-
celerate big memory applica-
tions. IEEE Computer Archi-
tecture Letters, 15(2):101–104,
July/December 2016. CO-
DEN ????. ISSN 1556-
6056 (print), 1556-6064 (elec-
tronic).

J. Jonsson, H. Loenn, and K. G. Shin. Non-preemptive
scheduling of real-time threads
on multi-level-context archi-
tectures. Lecture Notes in
Computer Science, 1586:363–
??, 1999. CODEN LNCSV.
ISSN 0302-9743 (print), 1611-
3349 (electronic).

Christopher F. (Christopher Frank) Joerg. The
Cilk system for parallel mul-
tithreaded computing. Thesis
(Ph.D.), Massachusetts Insti-
tute of Technology, Depart-
ment of Electrical Engineering
and Computer Science, Cam-
bridge, MA, USA, 1996. 199
pp.

J. E. Jonak. Experience with a
FORTH-like language. ACM
SIGPLAN Notices, 21(2):27–
36, February 1986. CODEN
SINODQ. ISSN 0362-1340
(print), 1523-2867 (print),
1558-1160 (electronic).
Jones:1991:BCL

Jagannathan:1992:CSC

Jacobs:2008:PMC

Joisha:2011:TEA

Joisha:2012:TTE

Joao:2012:BIS
José A. Joao, M. Aater Suleman, Onur Mutlu, and Yale N. Patt. Bottleneck identification and schedul-

**Joao:2013:UBA**  

**Jeffrey:2011:IBM**  

**Jeon:2015:MTH**  

**Jiang:2016:TLH**  

**Kacsuk:1997:MIC**  

**Kanalakis:1994:ET**  

**Kongetira:2005:NWM**  
Poonacha Kongetira, Kathirga-mar Aingaran, and Kunle

Kumar:2007:ESI


Krashinsky:2008:ISV


Kyle:2012:EPI


Koster:2003:TTI


Krashinsky:2004:VTAa

REFERENCES


REFERENCES

Kasperink:1997:CDC

Keckler:1998:EF

Kleiman:1995:IT

Kerrison:2015:EMS

Kelly:1994:MBC

Kelly:1994:MOB

Klasky:2003:GBP

Kempf:2002:BTL
CODEN CCUJEX. ISSN 1075-2838.

**Kepner:2003:MTF**


**Kyriacou:2006:CCO**


**Kyriacou:2006:DDM**


**Kougiouris:1997:PMF**


**Kocberber:2015:AMA**


**Kim:1994:HAM**


**Keller:2005:TBV**


**Kollias:2007:APC**

Giorgos Kollias and Efstratios Gallopoulos. Asynchronous PageRank computation.
REFERENCES

Kunal:2009:HDS


Khan:2012:MAN


Kondguli:2018:BUS


Khosla:1997:MAT


Kavi:1995:DCM


Kawamoto:1995:MTP


Kutsuna:2016:ARM

[Takuro Kutsuna and Yoshinao Ishii. Abstraction and refine-

**Kojima:2017:HLG**


**Kusakabe:1999:INS**


**Kim:1994:FPF**


**Kim:2014:SMC**


**Kranzmuller:2003:RAP**

REFERENCES


REFERENCES

Kleber:2000:TSA


Kang:2008:ISE


Kwak:1997:VMN


Kwak:1999:EMC


Koopman:1992:CBC


Koufaty:2003:HTN


Kakulavarapu:2001:DLB

REFERENCES

6264 (print), 1793-642X (electronic).


REFERENCES


[Kienzle:2001:IEO] Jörg Kienzle and Alexander Romanovsky. Implementing exceptions in open mul-

**Keckler:2012:MMC**


**Kawaguchi:2012:DPL**


**Korne:1998:LBN**


**Krinke:1998:SST**


**Krieger:1997:HPO**


**Kalayappan:2016:FRT**

Rajshekar Kalayappan and Smruti R. Sarangi. Fluid-Check: a redundant threading-based approach for reliable


[KSYHX+11] Wing kei S. Yu, Ruirui Huang, Sarah Q. Xu, Sung-En Wang,


[Kambadur:2012:HCA]

[Kambadur:2013:PSP]

[Krishnan:1999:CMA]


Komosinski:2017:MCE


Kubica:2015:PHT


Kuchlin:1991:MCI


Kuchlin:1992:MTC


Kestor:2015:TPD


Kuszmaul:2015:SSF


Kejariwal:2009:ELL

Arun Kejariwal, Alexander V. Veidenbaum, Alexandru Nico-
Kleinmann:2017:ACS


Kandemir:2015:MRR


Kwok:2003:EHC


Lim:1993:WAS


Lafreniere:2000:SMD

REFERENCES

May 2000. CODEN CCUJEX. ISSN 1075-2838.

Liu:2012:FPA


LakshmanYN:1996:IPI


Lenharth:2009:RDO


Lan:1995:CPC


Lang:1997:MTE


Laneve:2002:TSJ


Larchevêque:1995:OIP


Larbi:1997:BRM

Michael Larbi. Book review: Multithreading Appli-
REFERENCES

173
cations in Win32. C/C++
Users Journal, 15(7):65–72,
July 1997. CODEN CCUJEX.
ISSN 1075-2838.

T. Le Sergent and B. Berthomieu
Incremental multi-threaded
garbage collection on virtually
shared memory architectures. Lecture Notes in
ISSN 0302-9743 (print), 1611-3349 (electronic).

Beng-Hong Lim and Ricardo
Bianchini. Limits on the
performance benefits of multi-
threading and prefetching.
Research report RC 20238
(89547), IBM T. J. Watson
Research Center, Yorktown
Heights, NY, USA, October

Bil Lewis and Daniel J. Berg.
Multithreaded Programming
with Java Technology. Sun
BluePrints Program. Sun
 Microsystems Press, Palo Alto,
CA, USA, 2000. ISBN 0-13-
017007-0. xxvi + 461 pp.
LCCN QA76.73.J38

Doowon Lee and Valeria
Bertacco. MTraceCheck: Vali-
dating non-deterministic
behavior of memory consistency
models in post-silicon valida-
tion. ACM SIGARCH Com-
puter Architecture News, 45
(2):201–213, May 2017. CO-
REFERENCES


Lo:1998:ADW

Ling:2012:HPP

Li:2006:MEMa

Li:2006:MEMb

Li:2006:MEMc

Lucia:2013:CEF

Liu:2008:HPP
REFERENCES

February 2008. CODEN ????. ISSN 1539-9087 (print), 1558-3465 (electronic).

Lathrop:2011:SPI


Li:2004:FRT


Lozi:2016:FPL


Leary:1996:CEH


Lee:1993:TW


Lee:2006:PT


Legrand:2001:MTD

REFERENCES


REFERENCES

Leven:1997:MIR

[Lev97] Peter J. Leven. A multithreaded implementation of a Robot Control C Library. Thesis (M.S.), University of Illinois at Urbana-Champaign, Urbana-Champaign, IL, USA, 1997. x + 72 pp.

Lowenthal:1996:UFG


Lemon:2004:MCR


Lee:2006:TBR


Laudon:1994:IMT


Lee:1994:DAM

[LH94] Ben Lee and A. R. Hurson. Dataflow architectures
Lee:2009:MHF


Ling:2016:MTH


Liu:2016:PSE


Li:2005:OSA


Liedtke:1994:SNIb


LaFratta:2013:EEM

REFERENCES

LaSalle:2015:MTM


Li:2011:LCM


Luo:2017:TDS


Lakshminarayana:2012:DSP


Lin:2010:TAC


Lai:2015:SAM


Li:2006:SDH

REFERENCES

1. Liu:2016:SEA


3. Li:2014:PDC

4. Ling:2000:AOT

5. Li:2019:SRM


7. Loeffler:1997:MFJ
G. Loeffler. A multithreaded Java framework for solving linear elliptic partial differen-
REFERENCES


**Loepere:2005:STM**

**Loikkalanen:1995:FMS**

**Lowy:2000:MPO**

**Launchbury:1994:LFS**

**Lubbers:2009:RMP**

**Lo:1999:SDR**

**Lai:2016:QMD**
REFERENCES


[LPS07] Leadbitter:2007:NM


[LRZ16] Lu:2016:VCV


[LS18] Lee:2018:ERD

REFERENCES

21, September 2015. CODEN CANED2. ISSN 0163-5964 (print), 1943-5851 (electronic).


[Le:2007:IPM]


[Leiserson:2012:DPR]


[Lin:2017:MSP]


REFERENCES


Li:2012:MRP


Laadan:2010:TLA


Lopes:2001:FGM


Laguna:2019:GPD


Lee:2010:REO


Liu:2016:TAA


REFERENCES

Practice and Experience, 29 (21):??, November 10, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Mush\textsuperscript{taq}:2014:EHP


Monchiero:2009:HSC


Mahafzah:2013:PAM


Man:1991:MLC


Mance:1996:SJP


Manley:1998:GPT


Manley:1999:IPT

REFERENCES

CODEN CCUJEX. ISSN 1075-2838.


REFERENCES

Madan:2007:PEA


Moon:2006:TMS


McCarthy:1997:MTI


McCarthy:1997:WMT


Mitchell:1999:ILP

Nicholas Mitchell, Larry Carter, Jeanne Ferrante, and Dean Tullsen. Instruction-level parallelism vs. thread-level parallelism on simultaneous multi-threading processors. In ACM [ACM99b], page ??

McManis:1996:JDSa


McManis:1996:JDSb


McManis:1996:JDT

REFERENCES


REFERENCES


[MG15] Kshitij Mehta and Edgar Gabriel. Multi-threaded par-

Martinsen:2014:HTL


Mohamed:2000:DDM


Marsland:1995:SSM


Madriles:2008:MSM


Maquelin:1995:CBM


Mauer:2002:FST

Miastkowski:1990:PGG


Michael:2004:SLF


Maabreh:2018:MHT


Miller:1995:TPC


Mishra:1996:TIS

Amitabh Mishra. Task and instruction scheduling in parallel multithreaded processors. Thesis (M.S.), Department of Computer Science, Texas A&M University, College Station, TX, USA, 1996. ix + 60 pp.

Mitchell:1996:JTM


MixSoftware:1994:UMC


Meng:2010:AOS

Lingchuan Meng, Jeremy Johnson, Franz Franchetti,
REFERENCES


REFERENCES


References

McKenney:2010:WGM


Metzner:2000:MMR


McAuley:2003:CVC


Marinov:2016:PAF


Markovic:2015:TLS


Moore:1995:MPD


Moore:1996:MPD


Mount:2000:ADP

John Mount. Automatic detection of potential deadlock. Dr. Dobb’s Journal
REFERENCES


Massalin:1989:TIO


Manson:2001:CSM


McCreeesh:2013:MTS


Martin:2004:HPA


Musuvathi:2007:ICB


Musuvathi:2008:FSM


Machado:2016:CDD

Nuno Machado, Daniel Quinata, Brandon Lucia, and Luís Ro-
REFERENCES

Mayes:1995:ULT

Marinescu:1994:HLC

Mascarenhas:1998:MTP

Mukherjee:2009:PAS

Meier:2017:PVM

Malan:1991:MA
REFERENCES


[MS89] Paul R. McJones and Garret F. Swart. Evolving the UNIX system interface to support multithreaded programs. In USENIX Association [USE89], pages 393–404.


[MSM+11] Daniel Marino, Abhayendra Singh, Todd Millstein, Madanlal Musuvathi, and

Marino:2016:DXU


Morrisett:1993:PLP


Martinez:2002:SSAa


Martinez:2002:SSAb


Martinez:2002:SSAc


Minh:2007:EHT

DEN CANED2. ISSN 0163-5964 (print), 1943-5851 (electronic).

Matsushita:2000:MSC

Miller:2012:VCE

Meng:2010:DWS

Muller:2003:OCB

Musoll:2009:LSO

Mudigonda:2005:MMA

McCann:1993:DPA
Cathy McCann, Raj Vaswani, and John Zahorjan. A dynamic processor allocation policy for multiprogrammed shared-memory multiprocessors. ACM Transactions
REFERENCES


Kengo Nakajima. Parallel iterative solvers of Ge-

Naik:2006:ESR


Narlikar:1999:SES


Nagpal:2012:CGE


Nichols:1996:PP


Nichols:1998:PP


Najjar:1993:QAD

[NBM93] Walid A. Najjar, A. P. Wim Bohm, and W. Marcus Miller. A quantitative analysis of dataflow program execution — preliminaries to a hybrid design. Journal of Parallel and Distributed Comput-
REFERENCES


**Nemeth:2000:AMD**


**Nevison:1999:SSC**


**Nazarpour:2017:CPS**


**Nemawarkar:1994:PIN**


**Neamtiu:2009:STU**


**Neamtiu:2008:CEV**


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ottoni:2008:COGa</td>
<td>Guilherme Ottoni and David August. Communication op-</td>
</tr>
</tbody>
</table>

[Ottoni:2008:COGb]


[Ottoni:2008:COGc]


[Olszewski:2009:KED]


[Ossner:2013:GMB]


[Ostler:2007:IHT]


[Ozer:2001:WMT]

Odaira:2014:EGI


Olivier:2012:CMW


Ogata:1992:DIH


Oplinger:2002:ESRa


Oplinger:2002:ESRb


Oplinger:2002:ESRc


Omma:2004:BMA

REFERENCES


[OTY00] Yoshihiro Oyama, Kenjiro Taura, and Akinori Yonezawa. Online computation of critical paths for multithreaded languages. Lecture Notes in
REFERENCES


G. M. Papadopoulos, A. P. W. Bohm, A. T. Dahbura, and


REFERENCES


REFERENCES

Park:2003:IMP


Pham:1992:MDA


Pham:1996:MPW


Pham:1999:MPW


Parcerisa:2001:ILT


Pinilla:2003:UJT


Pusukuri:2012:TTD


Pusukuri:2014:LCA

Kishore Kumar Pusukuri, Rajiv Gupta, and Laxmi Narayan Bhuyan. Lock contention...

**Pusukuri:2016:TEL**  

**Park:1997:HPM**  

**Pham:2018:TSM**  

**Pichel:2009:IDR**  

**Ponamgi:1991:DMP**  
REFERENCES


[Porter:2015:MMS] Leo Porter, Michael A. Laurenzano, Ananta Tiwari,

Kevin Brian Plyler. Adding multithreaded capabilities to the process manager of the BIGSAM distributed operating system. Thesis (M.S.), Arizona State University, Tempe, AZ, USA, 1989. x + 105 + 2 pp.


REFERENCES

tronic). ICSA ’13 conference proceedings.


REFERENCES


[PSCS01] Irfan Pyarali, Marina Spivak, Ron Cytron, and Douglas C. Schmidt. Evalu-

**Parashar:2006:SSBa**


**Parashar:2006:SSBb**


**Parashar:2006:SSBc**


**Pang:2001:PSR**


**Pang:2003:PSR**


**Peacock:1992:EMS**

Papadopoulos:1991:MRV


Prvulovic:2003:RUT


Piringer:2009:MTA


Pfeffer:2004:RTG


Pulley:2000:EPM


Pickett:2006:SSF


Pathania:2017:DTM


Preissl:2012:CSS

[PUF+04] Robert Preissl, Theodore M. Wong, Pallab Datta, Myron Flickner, Raghavendra
REFERENCES


Preissl:2011:MGA

Robert Preissl, Nathan Wichmann, Bill Long, John Shalf, Stephane Ethier, and Alice Koniges. Multithreaded global address space communication techniques for gyrokinetic fusion applications on ultra-scale platforms. In Lathrop et al. [LCK11], pages 12:1–12:11. ISBN 1-4503-0771-X. LCCN ???.

Polap:2018:MTL


Park:2010:ISP


Quintana-Orti:2012:RSP


Quintana-Orti:2009:PMA


Arjun Rajagopal. Design of a multithreaded instruction cache for a hyperscalar processor. Thesis (M.S.), Department of Electrical Engineering, Texas A& M University, College Station, TX, USA, 1993. ix + 84 pp.


Rashid:1989:MFO


Ratanaworabhan:2009:DTA


Ranganathan:2000:AMT


Reda:2012:APC


Rahman:2014:CCO


Ro:2006:DEH


Rakvic:2010:TMT


Russell:2006:ESRa


Reck:1998:TSR


Reich:1995:DHP


Reilly:2001:TNF


Redstone:2000:AOSa


Redstone:2000:AOSb


Redstone:2000:AOSc

REFERENCES

**Rajwar:2003:TET**


**Radojkovic:2012:EIS**


**Rodgers:1999:TSN**


**Rashid:2010:AEP**


**Richman:1991:EHC**


**Richards:1999:ALT**

Etienne Richards. Adding level-2 thread safety to existing objects. *C/C++ Users Journal*, 17(2):??, February
REFERENCES

1999. CODEN CCUJEX. ISSN 1075-2838.


Raman:2010:SPUb


Ribic:2014:EEW


Raghavan:2009:DLC


Roe:1999:PMI


Reinhardt:2000:TFD


ACM:2003:ATA


Roh:1996:GOE


REFERENCES


Robbins:1996:PUP


Robbins:2003:USP
REFERENCES


REFERENCES

Roh:2001:RMD

Rangan:2008:PSD

Roth:2004:MTC

Raychev:2013:ERD

Ravoor:1997:MTP

Robatmili:2004:TSI

Shaw:1998:CIP
Andrew Shaw, Arvind, Kyoo-Chan Cho, Christopher Hill, R. Paul Johnson, and John

Samorodin:1999:SFS


Sanden:2004:CJT

B. Sanden. Coping with Java threads: Java works for many kinds of concurrent software, but it was not designed for safety-critical real-time applications and does not protect the programmer from the pitfalls associated with multithreading. *Computer*, 37(4):20–27, 2004. CODEN CPTRB4. ISSN 0018-9162 (print), 1558-0814 (electronic).

Sato:2002:SJL


Smith:1980:ASD


Sah:1996:PIS


Saavedra-Barrera:1991:ASM

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</tr>
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REFERENCES


REFERENCES

180856-6. xxxiv + 1274 pp. LCCN QA76.73.J38 S332 2014eb.

Schafer:2017:PHL


Sendag:2005:IIS


Steinke:2005:NPF


Schauser:1991:CCM


Schauser:1991:CML


Steffan:2000:SAT

Spertus:1995:ELB


So:2013:STI


Sartor:2012:EMT


Seiden:1999:ROM


Sen:2008:RDR


Severance:1996:MOB


Sundaresan:1996:COO

[Sg96] Neelakantan Sundaresan and


Munira Shahnaz. Design of a multithreaded data cache for a hyperscalar processor. Thesis (M.S.), Department of Electrical Engineering, Texas A&M University, College Station, TX, USA, 1995. xi + 80 pp.

REFERENCES


Sime:1997:GPM


Sinharoy:1997:OTC

http://www3.oup.co.uk/computer_journal/Volume_40/Issue_06/06.body.html#AbstractSinharoy.

Sinharoy:1999:COI


Steensgaard:1995:ONC


Sharafeddine:2012:DOE


Singh:1992:DRS


Singh:1992:DR

REFERENCES

Stewart:1997:MDH


Shirole:2012:TCU


Sung:2001:MDA


Smaragdakis:2007:TIC


Schonherr:2011:MTI


Sohn:2001:CTC

REFERENCES

Son:2009:CDD

Sung:2002:CPE

Sato:1992:TBP

Steele:2014:FSP

Shin:2004:NAD

Shin:2006:ADT

Scherer:1999:TAP
[SLGZ99] Alex Scherer, Honghui Lu, Thomas Gross, and Willy Zwaenepoel. Transparent adaptive parallelism on

**Sangaiah:2018:SSA**


**Su:2019:SSC**


**Sharkey:2008:RRP**


**Sidiroglou:2009:AAS**


**Solihin:2002:UUL**


**Solihin:2003:CPU**

[S LT03] Yan Solihin, Jaejin Lee, and
REFERENCES


Sadan:2010:PMM


Smith:1992:MTX


Smith:2001:CMM


Smith:2006:ITP


Sanchez:2010:ACI


Suleman:2009:ACS

Swanson:2003:ESI


Scionti:2018:EMM


Singh:2012:EES


Sodian:2002:AMA


Samorodin:2000:SFS


Shinjo:2000:DCEa

REFERENCES


REFERENCES


**Suleman:2008:FDTb**


**Suleman:2008:FDTc**


**Squillante:1994:AMP**


**Salcianu:2001:PEA**


**Sohi:2001:SMP**


**Samak:2014:MTS**

REFERENCES


REFERENCES


REFERENCES

ary 1, 1997. CODEN JPD-CER. ISSN 0743-7315 (print),
1096-0848 (electronic). URL
http://www.idealibrary.
com/links/doi/10.1006/jpdc.
1996.1262/production;
http://www.idealibrary.
com/links/doi/10.1006/jpdc.
1996.1262/production/pdf;
http://www.idealibrary.
com/links/doi/10.1006/jpdc.
1996.1262/production/ref.

Skillicorn:1998:MLP

[ST98] David B. Skillicorn and
Domenico Talia. Models and languages for par-
allel computation. ACM
Computing Surveys, 30(2):
123–169, June 1998. CO-
DEN CMSVAN. ISSN 0360-
0300 (print), 1557-7341 (elec-
acm.org:80/pubs/citations/
journals/surveys/1998-30-
2/p123-skillicorn/.

Snavely:2000:SJSa

[ST00a] Allan Snavely and Dean M.
Tullsen. Symbiotic job-
scheduling for a simultane-
ous multithreaded processor. ACM
SIGARCH Computer
Architecture News, 28(5):234–
244, December 2000. CO-
DEN CANED2. ISSN 0163-
5964 (print), 1943-5867 (electronic).

Snavely:2000:SJSb

Allan Snavely and Dean M.
Tullsen. Symbiotic job-
scheduling for a simultane-
ous multithreaded processor. ACM
SIGPLAN Notices, 35(11):
234–244, November 2000. CODEN SINODQ.
ISSN 0362-1340 (print), 1523-
2867 (print), 1558-1160 (electronic).

Sundell:2005:FLF

Håkan Sundell and Philippas
Tsigas. Fast and lock-free
concurrent priority queues for
multi-thread systems. Journal of Parallel and Distributed
Computing, 65(5):609–627,
May 2005. CODEN JPDCER.
ISSN 0743-7315 (print), 1096-
0848 (electronic).

Stapleton:1990:DSS

Joseph Francis Stapleton. Dy-
amic server selection in a
multithreaded network com-
puting environment. Thesis
(M.S.), Iowa State University,

Stark:2005:FSV

Robert F. Stärk. Formal spec-
ification and verification of the
C# thread model. Theoreti-
cal Computer Science, 343(3):
REFERENCES


Kai Shen, Hong Tang, and Tao Yang. Adaptive two-level thread management for fast MPI execution on shared memory machines. In ACM [ACM99b], page ???

REFERENCES

ISSN 0302-9743 (print), 1611-3349 (electronic).

**Sigmund:2001:SCS**


**Suito:2012:DRM**


**SunSoft:1995:SMP**


**Sutter:1999:OAM**


**Schmidt:1996:CAPb**


**Schmidt:1996:CAPc**


**Schmidt:1996:CAPa**


**Smith:1998:SIF**

Shepherd:1997:UCA


Schaffer:2008:UHM


Sleiman:2016:ESO


Sweetman:2007:SMR


Swinnen:2009:APA


Shee:1994:DMA


Shih:2014:COR


Schwan:1992:MRT

REFERENCES

[257]

5980 (print), 1943-586X (electronic).


Tanner:1987:MTI


Tolmach:2004:IFL


Tam:2007:TCS


Thompson:1997:THP


Thompson:1997:TPC


Thomson:1998:SSH


Tseng:2003:DST

REFERENCES

8191 (print), 1872-7336 (electronic).

**Thekkath:1994:ISB**


**Thekkath:1994:EMH**


**Tullsen:1995:SMM**


**Tullsen:1998:RSM**


**Tullsen:1998:SMM**

References


**Timmerman:2003:EWC**


**Tsai:1998:POC**


**Tu:2011:MBM**


**Thitikamol:1998:PNM**


**Theobald:2001:DCI**


**Theobald:2002:IEC**

Kevin B. Theobald, Rishi Kumar, Gagan Agrawal, Gerd Heber, Ruppa K. Thulasiram, and Guang R. Gao. Implementation and evaluation of a communication intensive application on the EARTH

**Thulasiraman:2004:FGL**


**Editors:2002:LUC**


**Tian:2016:ETR**


**Tian:2017:RSP**


**Turanhkia:2017:TPE**

Tian:2018:RSP


Tremblay:2003:IEP


Tallent:2009:EPM


Tallent:2010:ALC


Taylor:1995:CSA


Trott:2010:AV1

Oleg Trott and Arthur J. Olson. AutoDock Vina: Improving the speed and accuracy of docking with a new scoring function, efficient op-


DEN CANED2. ISSN 0163-5964 (print), 1943-5851 (electronic).


Tullsen:1996:SM


Tentyukov:2010:MVF


Tebraey:2013:SSS


Torlak:2010:MCA


Turon:2014:GNW


Taura:1997:FGM

Utterback:2017:POR


Ungerer:2002:MP


Ungerer:2002:SPE


Ungerer:2003:SPE


USENIX:1989:PWU


USENIX:1991:PUM


USENIX:1991:PWU


USENIX:1992:PSU

USENIX:1992:SED


USENIX:1993:PUMb


USENIX:1993:PWU


USENIX:1996:PFA


USENIX:1998:PUWa


USENIX:1998:PISA


USENIX:2000:UAT

[USE00a] USENIX, editor. 2000 USENIX Annual Technical Conference: San Diego,


REFERENCES


REFERENCES


[Venners:1998:DTS]


[Verriello:1996:MSM]


[Vermeulen:1997:JDW]


[Vlacchos:2010:PEAb]


[Verriello:1996:MSM]


[Vasconcelos:2006:TCM]


[Vachharajani:2005:CMP]
0163-5964 (print), 1943-5851 (electronic).


REFERENCES


Vlassov:1996:AMM


Volos:2012:ATM


Villa:2012:FAS


Vishkin:2000:ELR


VanDeGeijn:2011:HPD


Winter:2008:ATN


Walter:1995:PMS

REFERENCES

Walsley:2000:MTP


Wang:1994:MAD


Watt:1991:IPI


Wayner:1995:FAN


Wu:1999:GMC


Wallace:1998:TMP


**Wester:2013:PDR**


**Weaver:2008:OIO**


**Weisz:1997:MFA**


**Weissman:1998:ATT**


**Weissman:1998:PCS**


**Wong:1994:SSI**


**Weissman:1999:HPT**

B. Weissman and B. Gomes. High performance thread migration on clusters of


REFERENCES

Wilson:2000:PBC


Wei:2012:OLL


Wegiel:2008:MCVa


Wegiel:2008:MCVb


Wegiel:2008:MCVc


Wang:2017:JRJ


Wadden:2014:RWD


Wang:2009:TDA

[WLK+09] Yin Wang, Stéphane Lafortune, Terence Kelly, Manjunath Kudlur, and Scott
REFERENCES


**Won:2015:MMC**


**Watcharawitch:2003:MME**


**Wendykier:2010:PCH**


**Wismuller:1996:IDP**


**Welch:2010:SCF**


**Wang:2018:TWB**


**Wang:2006:RAA**

REFERENCES


Wise:1996:SDP


Wang:2002:SPE


Wang:2019:SSS


Wang:2008:PIM


Wang:2006:RTR


Xekalakis:2012:MSM


Xu:1999:DIT

Xian:2008:CAS


Xue:2012:RJC


Xu:2014:STM


Yam:1995:CFD


Yam:1996:DPV

Michael Yam. DCE pthreads versus NT threads. Michael ports PTF, a C++ class library for DCE pthreads, from HP-UX System 9 to Windows NT. In doing so, he examines the differences between pthreads and NT threads, and describes the porting experience. *Dr. Dobb’s Journal of Software Tools*, 21(12):16–??, December 1996. CODEN DDJOEB. ISSN 1044-789X.

Yang:1997:MUA


Yan:2002:RCC


[YL16] Yuan Yao and Zhonghai Lu. Opportunistic co-

Yu:2016:DLR


Young-Myers:1992:DTC


Young-Myers:1993:ESTa


Young-Myers:1993:ESTb


Yu:2009:CIC


Yu:2012:MCD

Jie Yu, Satish Narayanasamy,
Cristiano Pereira, and Gilles Pokam. Maple: a coverage-driven testing tool for multithreaded programs. ACM

[H. Chuck Yoo. Comparative analysis of asynchronous I/O in multithreaded UNIX. Software—
www3.interscience.wiley.com/cgi-bin/abstract?ID=16832.

[Yo96a]


[Yo96b]

[Tsung Tai Yeh, Amit Sabne, Putt Sakdhagool, Rudolf Eigenmann, and Timothy G. Rogers. Pagoda: Fine-grained GPU resource virtualization for narrow tasks. ACM SIG-
PLAN Notices, 52(8):221–234, August 2017. CODEN SIN-
ODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

[YSY+09]

[Lamia Youseff, Keith Seymour, Haihang You, Dmitrii Zagorodnov, Jack Dongarra, and Rich Wolski. Paravirtualization effect on single-
and multi-threaded memory-intensive linear algebra software. The Journal of Net-

[YSS+17]

[Xie Yong and Hsu Wen-Jing. Aligned multithreaded computations and their schedul-
ing with FAB performance guarantees. Parallel Process-
ing Letters, 13(3):353–??, September 2003. CODEN PPLTEE. ISSN 0129-
6264 (print), 1793-642X (electronic).

[YWJ03]

[Jun Yan and Wei Zhang. Hybrid multi-core architecture for boosting single-
threaded performance. ACM SIGARCH Computer Ar-
chitecture News, 35(1):141–148, March 2007. CODEN CANED2. ISSN 0163-
5964 (print), 1943-5851 (electronic).

[YZ07]

[Yang:2014:CNR]

**Yang:2007:RUL**


**Zoppetti:2001:IDD**


**Zhai:2002:COSa**


**Zhai:2002:COSb**

Antonia Zhai, Christopher B. Colohan, J. Gregory Steffan, and Todd C. Mowry. Compiler optimization of scalar value


Zhu:2011:TPS


Zhang:2012:SCC


Zhao:2011:DCC


Zier:2010:PED


Zhang:2016:DPO


Zhang:2016:SAN

Zebchuk:2007:BBC


Zhuang:2004:BRA


Zhuravlev:2012:SST


Ziarek:2006:SMC


Zuberek:2002:APB

W. M. Zuberek. Analysis of performance bottlenecks in multithreaded mul-