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Title word cross-reference

[CS16], + [SBC17]. 0 [LS92], 1 [LS92], 2 [CTB14, ES11, IBA11], 3
[BC15, HPVRPF15, HF14a, HF14b, JGM15, SJKA99, SBC17]. < [JS06a], > [JS06a]. (R)
[BKT08, SM09]. 3.0 [KaM10, OP10].

95 [KaM10].

A. [Swa88]. Abingdon [AM95],
abstraction [VR88]. Abstractions
[BCL14, LQWP10, YAI95]. Accelerated
[KLK16, SBC17]. Accelerating [FJZ+15,
HF14a, HF14b, MAWD+16, PTD+12].
Acceleration [BC10, MCFM12, STM15].
Accelerator [EK17, FVvL+16]. Access
[FG97, Joh94, OOR13, ZK07]. Accesses
[GV95, LPB13]. Accumulations [MM16].
Accumulative [IH04]. Accuracy
[CEP97, KP04]. Accurate [RGB08, TA99].
Accurately [BGdS09, Low00]. Achieving
[AMP+05, GAR+16, GS90, Won02].
Acknowledgment [Nic14]. ACOTES
[MAB+11]. Activity [FR95]. ACTS

[SSMO96]. 16 [Swa88]. 18th [DB08].

[AG15]. 2014 [Bro15]. 2DT [BARSW95].
2DT-FP [BARSW95].
MO91, NN95, OATGEL15a, QZP15, STM15, VSDK99, qWIJzKhC17, WS08, WEJS94.

Approaches [BUMS02, JCH+08].

Appropriate [Gen16]. Approximate [HZL16, Iqb91, VCP+16]. Arbitration [BS91]. ArchC [ARB+05]. Architectural [LSHK09, NP01, SEP08, TCUV14, WGF+16].

Architecture [AP86, ARB+05, BGGT02, CHCL14, CDC09, DB08, DLRS13, FCJV99, GL92, HTZ+97, JLDS16, MB12a, MB99, N4MMMW16, NAP02, RD08, STF+12, Sjt13, CB86, GkMB87].

Architecture-Agnostic [NAP02].

Architectures [BG96, BFG+10, CPG01, CND95, CJA00, GBPK07, Ged13, GGV17, HCEP98, HP13, LAD15, MCE13, MGJ+09, NFC+09, NdmCdMMW16, PJS+05, PG16, Sjbv06, TJY99, TF94, ZLA04, LRG+91].

Area [Roy10, SWZ+15]. Argument [ABASS12, NG92]. Argument-Fetching [NG92]. Arithmetic [ABASS12]. Arnoldi [Lea15]. Array [AM04, BG96, CI96, Fea91, GV95, Gs06, SMM+94, Tg05].

Array-oriented [CI96]. Arrays [EHKT07]. Arrival [FPY08b, QA11]. Art [KPS14, Lhl+16]. Assembly [ABT+00].


Asynchronous [Bbc07, Df98, Gss10, Cg94].

Atmospheric [Sms+13]. Atomic [Sw16, Win89]. Attempting [Gyl92].

Attribute [M091]. Auto [Ccgu+14, Ged13].

Auto-Tuning [Ccg+14, Ged13].

Automata [Br97]. Automatic [Aab+16, AIP03, Alg+95, Bgtg02, Cz12, CzTm03, CoJ95, CAz02, Em14, Fcrv16, Gk94, Gvb+06, Grv+14, Gms00, Hhc+15, Jw16, LqwP10, SrS06, Shk13, Ssb+17, Tfk16, Tg05, VdSgbw08, KmV87].


Aware [Aab+16, Alv03, Ctk+11, Fpcd14, JqwG15, LqwP10, LGy16, Qa11, YhgW16, MEP07]. Awareness [Rgb+08]. axioms [Fk87].

B [Ap86, Wzth13]. B-Queue [Wzth13]. B-Spline [Ap86]. Backtracking [Bma02, Srv88]. Backtracking-Based [Bma02]. Backup [Xzx+15]. BACO [Vms15]. Balance [YhgW16]. balanced [Dpl+86]. Balancing [Asw+15, AnWm99, EwHs11, Hr11, Jk03, Rlh14, RsJ+14, Sr15]. Bandwidth [Fpy08a, Kseg14]. Bank [Gg13]. bards [Par6a]. Barrier [Gh98, Htk98, Jhlm01, Lw91, Lw90, Br86, HfM88]. Barriers [Ge90, Smc94]. Based [Aa15, Bma02, Clj16, Cnd95, Cdc09, Cpmc96, Dk16, DeB87, DgmP09, FmLr17, Fc16, Fr95, Fjz+15, Fc11, Fpcd14, Fcrv16, GbPk07, Gmb06, Ggv17, Fg14, Gl92, Hzl16, HmWhr97, Hf14a, Hf14b, Hhc+15, Jk12, Kbd03, KkmS99, Kf99, Kt01, KjpN10, Llm+12, Llm16, Lpf16, Lj09, Lll+15, Lwp04, Lcl17, Mldp02, Dm17, Mcfm12, Mpr+05, NyhA14, Nrr99, Ob13, Pc13, Qzp15, Rlhl14, RsJ+14, Sab11, Ss17, SuCv17, Shz+14, Sw95, Swf+17, Tss99, Tfk16, Tsk06, Tg05, Ukt00, Us05, Wll+08, Wl16, YhgW16, Zld15, Zwjk05, Zxy+15, urhh14, Bbr11a, Bc10, Kwa+10, Km86, Lp94, Lj08, Mlb12, Oatg15a, Pan08, Rd08, Rk13, Sl14, Mil88]. basis [Ft87, Sch92]. be [Dm87, BgmR11]. Behavior [Lgy16, Tmht96]. Behavioral [Tlsg05, Vms15]. Belief [Mxp14].

Benchmark [Sgj+03, Am95].

Benchmarks [Tsb03]. better [Par86c].

Between [Bs07, Ahkr01]. Bias [Dkb+09].

Bidomain [XodFv+09]. Big [Dx14].

Billions [qWljZKc17]. Binaries
Binary
ABvK+13, DPS90, LSA+07, MA87.

Binding
[Con88]. biological [ECSS88].

Biotechnology
[BR14a]. Bipartite [BM90].

BitTorrent
[JI08]. Black [IS03].

Blackboard
[Dav87]. Blade [SKG09].

Block
[GRV+17, HCEP98, IS03, LF15, Low00, MP95, TSS99].

Block-Based
[TSS99].

Block-Structured
[HCEP98, MP95]. Blocked [SNB04].

Blocks
[CBR17]. Blue [ASA+07].

Boltzmann
[SNB04].

Bottom-Up
[SKG09].

Bottom-Up
[SKG09]. Bound
[Hum91, JGA+88]. Boundaries [SNB04].

BPLG
[LAD15].

Branch
[BA04, CHYP96, CEP97, Hum91, JSHP97, KM01, LJ08, LLSS03, TF96, JGA+88].

Branch-and-Bound
[Hum91, JGA+88].

Breath
[GRV+16]. Breath-First
[GRV+16]. Breakdown [LSHK99]. Brief
[KPS14].

Bringing
[GHM14]. Broadband
[GS07]. Broadcast [FPY08, LS05, LM00].

Broadcasting
[BB90].

BSP
[AGT17, FG16, HMF+13]. BSP-Why
[FG16].

Buffer
[YJY16]. Bug
[WLWZ15].

Building
[CBR17]. Burstiness
[SNB04].

Bus
[BM09].

Bypassing
[MS09, OVA04].

Byzantine
[KF99].

Byzantine
[KF99].

C
BG03, CAZ02, GH96, HTZ+97, PB04, SSB+17, YBRM14. Cache
CM90, JQW15, KKZN12, KSEG14, KD15, LTL15, LG16, LIE05, NIO+03, NB98, PMHC03, RLPN+02, Roy10, SB04, SS01, SS17, SJT13, TKN+08, TFMP97, YBDJ17. Cache-Coherent
[SS01].

Cache-Integrated
[KKZN12]. Caches
[BBGM95, MKAP05, PO07, TFMP97, WMC98]. Calculating
[LBT17]. Call
[JK12]. Calling
[JK12]. can
[DM87].

Capabilities
[OATGEL15b]. Capturing
[FM09]. Carbon
[CDC09]. Cardiac
[XOdFV+09]. Cartesian
[AKHD13]. CAS
[MMG04].

CASE-DSM
[MMG04]. Case
[BBT08, CG94, CML04, DE00, LDHL05, SPS14, TESK06, KM86]. Categorization
[LYL+14].

Causality
[MKAP05].

CCAP
[JQW15]. ccNUMA
[NP01]. Cell
[WO+07, BGMR11, GSC07, OOS+08, Sca11, SKG09]. Cell/B.E.
[Sca11]. Centers
[LVM16]. Central
[FG16]. Centric
[CM06, FPCD14, KPS14]. Cetus
[BM+13, RMG+13]. Challenges
[Be94]. Channel
[GL92, WQY+17]. Channels
[KL16]. Characteristics
[SH96, Tic90]. Characterization
[AVM+16].

Characterizing
[BDG09]. Check
[SNB04]. Checking
[HM90, TPS05]. Checkpointing
[LNP91, RMG+13].

Chemistry
[CGN+09]. Chinese
[FCZ16].

Chip
[GRV+17, GG13, GSC07, KKZN12, KSEG14, KT01, LS07, MV+06, OP12, PM07, TESK06, ZK07, ZG+15, ZCO9, AH08].

Chip-Multiprocessors
[GRV+17]. choice
[BS89].

Cholesky
[GN89]. church
[An10].

Circuit
[WPC07].

Clairvoyant
[SY08]. Class
[BE13, MP+13, P+15]. Class-Based
[MP+13].

Classification
[CHYP96, Mon97, QZP15]. Climate
[HNC+16, LHF+16]. Cloaking
[MS99].

CLOMP
[BDG09]. Closure
[CAP88, K95, PRS96, V98]. Cloud
[HIZ16, HC17, JWQ15, KJH14, RLH14, WQY17, XZ+15, uRHH14]. Clouds
[LT+12].

Cluster
[CYS16, EAT14, ES11, FPCD14, L09, LTL15, LSY15, MLD+02, NIK00, SCB+14]. Cluster-Based
[FPCD14, L09].

Clustered
[CPG01, GBK07]. Clustering
[BAJW14, CAP88, DMC91, FCZ16].

Clusters
[BS03, BC15, FPY08, GCD+03, GSY+13, HC17, HOZ06, QA11]. CMP
[LTL15].

CMPs
[BHJ06, FC11, KKZN12, LGY16]. Co
Co-Generation [MPR+05]. Co-operation [NB15]. Co-Scheduling [GRAG00]. Coarse [NIO+03, PSM97, AD89]. Coarse-Grain [PSM97], Code [ABTZ00, BTB+13, CPG01, GBLG10, GK94, JS10, KaM10, KAMAMA17, LF15, LC11, MGW99, MCA98, MP04, NRB94, Ō007, PB04, TFEK16, TF94, WNMW16].

Co-Generation [MPR+05]. Co-operation [NB15]. Co-Scheduling [GRAG00]. Coarse [NIO+03, PSM97, AD89]. Coarse-Grain [PSM97], Code [ABTZ00, BTB+13, CPG01, GBLG10, GK94, JS10, KaM10, KAMAMA17, LF15, LC11, MGW99, MCA98, MP04, NRB94, Ō007, PB04, TFEK16, TF94, WNMW16].

Codes [CAZ02, ELGE17, HTK98, KF99, RMG+13].

Coding [DLRS13, MB12b, SSEA14, YMW+17].

Collaborative [Gen16, VSDK09, WLWZ15].

Collection [Cra88, AH86].

Collective [FPY08b, IBA11].

Collector [Fos89, LWLG11].

Combining [ABASS12, GV95, HSCI+16, LLSS03, RK92, SMC94, WMC98].

Coming [LS07].

Commands [GYL92].

commentary [Lin88a].

Comments [Swa88].

Commercial [NYHA14, RLPN+02].

committed-choice [BS89].

communicating [Mai87, RS90].

Communication [AH08, CTB14, GAR+16, GL95, IBA11, IKN00, JQJ+16, KHH08, KKZ12, KT01, KTT+09, LM00, MMN15, MEP07, MO91, PSM97, RGB+08, TOM+11, TA99, WZTH13, MO90].

Communication-Avoiding [MMN15].

Communication-Driven [TOM+11].

Communications [Mon97].

Compaction [DH00].

Compactors [ZC09].

Comparative

[BFRPVR+15, HPVRPF15, LMAPS05].

Compare [FLD15, Sun11].

Compare-and-Swap [FLD15, Sun11].

Comparison [BS07, HMF+13, OP10, SS01, ECSS88, FT87, GE89, Hua89, Kas86].

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Competitive [Gen16].

Compilation [AVLV03, GBLG10, HmWHR97, JB98, KL00].

Compile [KRW+05, vDSGBP908].

Compile-Time [KRW+05].

Compile/Run [vDSGBP908].

Compile/Run-time [vDSGBP908].

Compiler

[BML+13, BKT08, CGN+09, CTK+11, CP04, CFB94, CEH13, EM13, FM+11, GBC+08, HTK98, JCD+14, Ken94, KTT+09, LEL+99, MCG+04, MO91, MCA98, MAB+11, PB04, RMG+13, RBES00, SSP+00, SBC17, SG00, TMHT96, TJY99, YZ13].

Compiler-Assisted [RMG+13].

Compiler-Generated [JCD+14, MCA98].

Compiler-Parallelized [HTK98, TMHT96].

Compiler-Towards [SSP+00].

Compilers [MPR+05, ME15, SGK12].

Compiling [HTZ+97].

Complete [BD97].

Complexity [DFH17].

Component [EFED05, MLdlP02].

Components [DKB+09, JR16].

Composable [AMP+05].

Composition [GVB+06, HHC+15, RK13].

Compositional [EHKT07, TLSG05].

Comprehensive [OATGEL15a].

Compressed [KK11].

Compression

[BAJW14, HNC+16, KKMS99, TSS99].

Computation

[BE14, CTA00, DMMS91, FLMR02, HSCI+16, LEA15, MCWK01, NdMM09, Ric90, Skb91, KMB97, MAC07].

Computational [HLK+09, PLL+15].

Computations

[HI04, NRT89, PMHC03, SBC17, VCP+16, LRG+91, SS89, TMK89, Wai87].

Compute [SR15].

Computer

[ACC+02, DB08, DMC91, Kuc94, MCE13, MGJS15, MB12a].

Computers

[Bel94, HOZ06, MLdlP02, Ano87d, Gao86].

Computing

[ACD+16, Ano16b, BE14, Car09, CTF13, CSTD93, DFH17, Den94, FKT12, HMF+13, HLS15, HS16, KJHB14, LRG14, MB12a, OATGEL15b, OG11, PLN+04, RLH14]
NAP02, NLRH07, OK99, PMHC03, RG15, RS90, Ric90, RSJ+14, SNJ04, SS99, SL14, SQH92, SR04, SH15, SASH12, TESK06, TFMP97, WB87, XH98, YA95, vdSGBK8, CG94, Gao86, Kas86, Win89.

Data-Centric [FPCD14, KP01].

Data-Driven [DTLW16, TESK06].

Data-Flow [Ano16d].

Data-Intensive [LWLG11].

Data-Parallel [AJF16, SQH92].

Data-Sharing [SNB04].

Database [SB90, STM15, VK88].

Data-Inspired [OGP+16].

Datasets [MV17].

Debugging [BBGM95].

Decomposed [WEJS94].

Decomposition [BUMS02, QZP15].

Decomposition-Based [QZP15].

Decoupled [ZLJA12].

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Deep [GVB+06].

Defect [OB13].

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Definition [OK99].

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Denotational [Hud86].

Dense [KFC08, MVB+06].

Dependence [ABTZ00, DV97, GL95, HOZ06, Lin91a, MP91, MMG04, MBE03, MVD+14, NIK00, OATGEL15b, OG11, PLN+04, SNB04, SW16, SB91, TTF+08, qWlJzKhC17, AH86, GS90, GT86, PW87, RB86, RS90, TKM89, Tho87, Sek09].

Dependences [CDRV98].

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Divisible [RSJ+14].

Divisible [RSJ+14].

Domain [GF14, TFEK16, WL16, RK13].

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Dominance [Spr92].

Dominating [DWS16].

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Downsampling [LTSD15].

DRAM [ZLJ+17].

Driven [CPMC96, DTLW16, GRC+14, RNJ+12, TOM+11, TESK06, XH98, JK86, Kas86].

Drives [YJY16].

dRuby [Sek09].

DSM [BAP01, MMG04, WLL+08].

DSMs
Dynamic
[ABvK+13, CPG01, CS97, CML04, EWHs11, Hue97, JK12, JCD+14, KRW+05, LSA+07, LTF+12, LSYG15, LGY16, LMPs05, Lys08, MRLR16, MTT15, NBA13, NLRH07, OVA04, PO07, PO07, RD08, RRH03, SSNS16, SR04, SJT13, TCUV14]. Dynamically [CHPC96, GMB+11].

Eager [SAL16], Early [PYC16, TA99].

EARTH [HTZ+97, HMT+96].

EARTH-MANNA [HMT+96].

Economics [YBDJ17].

Editors
[SMM11, HF06, AM07b, CHS99, CmHS99, EmH97, FmH96, GS05, HN94].

Effect [NPD89, BCK98]. Effective
[CPMC96, HGT+12]. Effectiveness
[MHL95, PYC16, SB30]. Effects
[HRH08, TF96]. Efficiency
[STF+12, SWZ+15]. Efficient
[ABvK+13, BR97, BEPI3, BCL14, BFG+10, CPT14, CL96, EAT14, FPY08a, Fea92b, FVvL+16, GG14, GS06, GR98, GmWH98, IP90, IBA11, JGM15, KP05, LNP91, LS05, LNG12, LWW11, NRR99, NdMMW16, QRW00, Roy10, SRS06, SSNS16, SL14, SSP+96, SO89, SKAT91, SCH15, SHZ+14, SJT13, TFF+08, WZTH13, XZX+15, YJJ16, Fea92a, Hua89].

Efficiently [EGJS15, HR11, JMSG02].

Elastic [GG13, YBDJ17]. Element [RG15].

Elements [qWJJzKCH17]. Eliminate
[KT+99]. Eliminating [HTK98]. Elliptic
[ Bos12]. Embedded [AF15, CHB06, CFF+10, DLRs13, Giv07, Giv08, LMPs05, MCE13, MGJS15, MAB+11, Pan08, PP10, PO07, PPEP08, TLSG05, TFEK16, US05]. Embedding [Li03, CSG89]. Emerging
[HP13]. Empirical
[CCG+14, LHL05, SSM096]. Employing
[CS97]. Emulator [WCC16]. Enable
[HP13, ID08, TAY+12]. Enabled
[FKM+11, GSY+13, RA09]. Encore
[GTK+88]. Encryption
[KBD03, NDMMW16]. End
[LSHK09].

End-to-End [LSHK09]. Energy
[AVL03, CPT14, EAT14, FVvL+16, SJT13, VC+16].

Energy-Constrained [VC+16].

Energy-Efficient
[EAT14, FVvL+16, SJT13]. Engine
[BC15, Gse07]. Engineering
[CPT14, KaM10]. Engines [MCFM12].

Enhanced [ABASS12, GRAG00].

Enhancement
[AMP10, CYS16, KP01, LCL17].

Enhancing
[ACC+01, MP95]. Ensembles
[ASW+15]. Enterprise [LVM16].

Enumeration
[AG98]. Environment
[AFM+06, AA15, BFG+10, MFG+08, SQH92, vDSGBW08]. Environments
[BCS+09, BFRPVR+15, Car09, CCL12, HH10, KJHB14, LLM16, TFF+08, BCL90, Con88]. Epidemic
[LEA15]. Equation
[CTB14, ES11]. Equations
[LM00, XoDFV+09]. Equivalences
[Mai87].

Era
[ABB+10, DX14]. Erlang
[BDH+14].

Erratum
[Ano03, HF14b, uHKAMFM16a].

Error
[DFC+07]. Estimating
[HGT+12].

Estimation
[DKB+09, KMGP01, LPF16, LLL+15, MVD+14, TSS99]. Evaluating
[AM95, BCK98, SCB+14, TF96].

Evaluation
[AMA+01, BML+13, BS15, BFG+10, CCL12, CD09, FC11, GBP07, IP+05, JCH+08, KH10, LCL17, ME15, NR94, OATGEL15a, PVAE98, SSM096,
Full [AK90a, MVD+14]. Fully [LF15].
Functional [ACC+01, AJF16, BARSW95, BFS05, GMP89, GS06, Hud86, Mat17, PC13, Gol88, Wai87]. Functions [ACC+01, CFT+06]. Fusion [EM14, Ken01, LZ17]. Fuzzy [GE90].


GrADS [BCC+05]. Grain [BG96, DV97, NR89, NIO+03, PSM97]. Grained [CTK+11, GL92, AD89]. Grammar [MO91]. Grammars [PW92].

Granularity [PSM97]. Graph [BCL90, CBR17, CZTM03, GAR+16, GP94, JK12, SSP+96, Spr92, TH17, WZB+92, GZ87].


Guest [AG15, CTP13, DPT17, EA09, FKT12, Gre16, HK14, HF06, MCE13, MGJS15, MGD+14, MA10, OG11, PP10, SM11, SGK12, SS10, Ano09a, Ayg03, AM07b, Ban04a, Ban04b, Car09, EmH97, FrH96, Fur95, GSA08, Gau96, GS05, Giv07, Giv08, HN94, JS06a, JS06b, Joe99, Joe03, McK07, Mis09, Ora03, Pan08, Seh98, Wei01, Wei02].

Guided [MTT15].

H [Roy10]. H-NMRU [Roy10]. Hadoop [Mat17]. Handle [ELGE16]. Handling [DFC+07, RBES00]. Hard [FJO+16].

Hardware [AVM+16, CPMC96, GV99, KT01, Lys08, MSA+07, NdMM09, NdMMW16, SWZ+15, SD11, SH15, STM15, WS14, ZLA04, vNR11].

Hardware-Agnostic [AVM+16]. Hardware-Based [CPMC96, KT01]. Hardware-Supported [SD11]. Hardware/Software [GV99, Lys08, SWZ+15, STM15].


Heuristics [KPS14, CSG89]. HICOR.
Hierarchical

Hierarchically

Hierarchies

High

High-Level

High-Performance

High-Productivity

High-Scalability

Higher

Higher-order

Homogeneous

Horizontal

Hotspotting

Hydrodynamics

Hypercubes

Hypercube-Based

Hyperthreading

I/O

ICCG

IDE

If

ILP

Image

Images

Immune

Immune-based

Imperfectly

Imperfectly-Nested

Implementation

Implications

Importantly

Important

Increasing

Incremental

Independent

Infinite

Information

Infrastructure

Inheritance

Installation

Inspiration

Input
TF94, CMW+94, NP98]. Instruction-level [NN95]. Instruction-Set [API03].
Intra [BGGT02]. Intra-Register [BGGT02]. IntraModule [MO91]. Introducing [SFAG14]. Introduction [Ano00a, Ano00b, Ano00c, Ano01, Ayg03, AM07a, AM07b, Ban94, Ban04a, Ban04b, Car09, CHS99, CmHS99, DB08, EmH97, EA09, Evr00, FnH96, Fur95, GSA08, Gau96, Giv07, Giv98, HmWHR97, HF06, JS06a, JS06b, Joe99, Joc03, LY98a, LY98b, McK07, MPZ06, Mis09, MA10, Ora03, Pan08, Pin95, Pin99, SMN11, SeH98, Ve01, Ve02].
intrusive [XY+15]. Invalidate [BAP01]. Invasive [SR15]. invented [Par86b].
L [MSA+07]. Lab [ZC09]. Lab-on-Chip [ZC09]. Labeling [SH87, Swa88].

Lagrangian [Rsv+05]. LALP [MCFM12]. LALR [BNW90]. Language [ARB+05, BARSW95, BCLI7, CFB94, FCZ16, Fos89, GS06, Hud86, KS97, MCFM12, MPR+05, SM90, TFEK16, WL16]. Languages [CK02, Lan90, PS92, NPD89].
Laplace [CTB14]. Large [HC17, HR11, KKZN12, LTS15, LSA+07, SGJ+03, SF+17, ZWJK05]. Large-Scale [HC17, KKZN12, SF+17]. Latency [AK96, Bos12, HZL16, JG97, LSHK09, MEP07]. Lattice [HLPI11, SMN09, SKG09]. law [Ano87a, PM07]. layer [OATGEL15b].
Level [AG06, Ano16a, BCL17, Bro15, DPT17, GBLIG10, Goe16, Jan15, KP05, LLW+17, LQWP10, MCFH98, MKAP05, SSB+07, SSEA14, SH96, SÚCV17, SMM94, SASH12, Tou05, XODFV+09, ZLJ+17, BC10, HK14, NN95, WS08]. Levels [Gsc07].
Leveraging [LTL15]. LH [CS16]. Libraries [GJK+05]. Library [BBR11a, LAD15, SÚCV17, YKLD17, YBRM14]. Life
Light [CM06]. Light-Weight [CM06]. Limit [KEKK16, LS98]. Limited [JMSG02, uHKAMFM16a, uHKAMFM16b, GT86]. Limits [SS99]. Line [SR90, TFMP97, ZC09]. Linear [CCG14, CBR17, DWS16, FLMR02, JLMW15, KS90, KFC08, LDHL05, MP04, SMM94, Gao86].

Linked [HGT12, HTmG12, vdSGBW08]. Links [NIK00].

List [AF15, DS97, EM14, LBT17, SL14, vdSGBW08]. List-based [SL14].

Load [ASW15, BG96, EWHS11, JK03, RHL14, RSJ14, YHGW16].

Load-Balance-Aware [YHGW16]. Load-Store [BG96]. Local [LLSS03].

Logic [AR16, AVPG00, KBD03, Lin91a, SAB11, BH87, Con88, Kas86, SRV88, Tin88]. Logic-Based [KBD03]. Look [MP04].

Loop [AMP01, AAB16, BE14, JG97, KP01, LS98, LM00, PMHC03, Won02, XH98].

Locality [AMP01, AAB16, BE14, JG97, KP01, LS98, LM00, PMHC03, Won02, XH98].


Logic [AR16, AVPG00, KBD03, Lin91a, SAB11, BH87, Con88, Kas86, SRV88, Tin88]. Logic-Based [KBD03]. Look [MP04].

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Logic [AR16, AVPG00, KBD03, Lin91a, SAB11, BH87, Con88, Kas86, SRV88, Tin88]. Logic-Based [KBD03]. Look [MP04].

Loop [AMP01, CL96, DH00, GVB+06, GMB95, GL95, HC17, IKN00, LSL94, LCL17, NG92, RAP95, WM98, YA95, LP94].

Loops [Col95, GL95, MS11, MJ02, OGP16, QRW00, Sar01, TFNG09, Wol86, YKM03, LAV98].

Loosely [LLM16]. Loss [HDL16].

Lossless [HNC16]. Loss [Bos12, FVvL16, HL16, NBN15, PO07, Roy10, SWF17].

Low-Latency [Bos12]. Low-Power [NBN15, PO07]. Low-Radix [SWF17].

LTE [LF15].


Many-Core [uHKAMFM16b, LZ17, SASH12, SA10, vNR11, NdMCdMMW16]. Many-Cores [CTK11]. Many-Field [QZP15].

Manycore [HMF13]. Map [LF86]. Mapping [HtBK10, MEP07, RGB+08, SDJS98, LRG1, NK88, PW87]. MapReduce [LSYG15, LHL16, MM16, Mat17, SHC15, VCP+13, ZC17].


Maximal [BCC00]. Maximum [Gao86]. Mean [AK96]. Measurements [JJIL15].

Mechanism [CHYP96, EM14, GMB96, Sek99, SHC15].

Mechanisms [GBP97, Gen16, MO90].


Mechanism [CHYP96, EM14, GMB96, Sek99, SHC15].

Mechanisms [GBP97, Gen16, MO90].


Mechanism [CHYP96, EM14, GMB96, Sek99, SHC15].

Mechanisms [GBP97, Gen16, MO90].

SH15, SY08, SASH12, TMHT96, TA99, VSH+11, WS14, WQY17, qWJzKhC17, YBRM14, ZK07, ZLD15, ZLJ+17, ZSH+12, Con88, EO88, FcF87, GHLN86, GS90, GT86, Hem89. Memory-Level [SASH12]. Merge [JK03].


ML [AGT17]. Mobile [ES06]. Mode [BEG+10, OP12, SDJS98]. Model [AG06, AK96, BAF94, Bds07, CND95, DMMS91, DTLW16, DFA+09, FCI6, FPCD14, HPL11, LLM16, LHL+16, Liv91, OGP+16, OATGEL15b, RSY+05, RK13, TAY+12, TESK06, JKS+06]. Model-based [RK13]. Modeling [AA15, AMP+05, BS07, KMKJ92, LEA15, MCE13, MGJS15, MOL05, PCP+13, Pra86, TLG90]. Models [BSF05, Den94, FLMR17, HHC+15, ID08, KP05, Mat17, NAP02, RNJ+12, SMES13, S01, Sk91, VSM15, VCP+13, AD86, DM87].

Modern [KPS14, LG10, LQWP10, ME15]. Modifications [Hue97]. Modular [NdMM09]. Modules [DJR16, SQH92].

Modulo [AG98, EDA96, GRAG00, LJ08, Rau96]. Modulo-Scheduled [GRAG00]. Molecular [ACC+02, BS07]. Molecule [ZXY+15]. Motivation [HmWM97]. Movement [CFB94].

Moving [HAA+11]. MPI [AJF16, BS07, ES11, FPY08b, GJR09, GSY+13, HMK09, LWP04, MOL05, MANR09, NSS12, RA09, SS01]. MPI/PVM [ES11]. MPJ [JQJ+16]. MPSoC [ID08, RBG+08, SWZ+15]. Much [MT96].

Multi [AH08, AKHD13, ABvK+13, AML+10, ABB+10, BM09, CZ12, CTB14, DS97, D81, DTLW16, DJR16, FLD15, Ged13, GMB06, GGV17, GS06, HtBK+10, JCH+08, KBG+08, MXP14, MV17, MG15, MHCF98, NdMCdMMW16, OATGEL15b, QZP15, RC16, RD08, RK13, SSP+00, SSEA14, SSB+17, SFAG14, Sun11, VSDK09, WQJY17, XODFV+09, Zha10, ZGH+15, Ali85, AGT17]. Multi-app [MML16]. Multi-BSP [AGT17].

Multi-Core [ABvK+13, AML+10, ABB+10, GGV17, SSEA14, Zha10, CZ12, Ged13, MXP14, NdMCdMMW16, QZP15, RC16]. Multi-domain [RK13]. Multi-Fault
Multi-GPU [CTB14, SFAG14]. Multi-layer [OATGEL15b]. Multi-Level [MHCF98, SSP+00, XoAFV+09].
Multi-ML [AGT17]. Multi-Prefetcher [GMB06]. Multi-Processor
[HtBK+10, BM09, KBG+08, ZGH+15]. Multi-processors [AH08, D897].
Multi-Threaded [MG15, VS06, DS97]. Multi-Threaded [DU16].
Multi-Zone [JCH+08]. Multicluster [FCJV99]. Multicomputer
[FKD+97, Fos89]. Multicomputers [LNP91, SKAT91]. Multicore
[Ano16d, CHCL14, HHW10, HM+13, KJHB14, LLM+12, LL16, SS17, TKN+08, ZC17].
Multithreading [TFN14]. Multithreading [LEL+99, TESK06].
MUSE [AK92, AK90a, AK90b].

Nano [Mis09]. Nano/Bio [Mis09]. Nano/Bio-Inspired [Mis09]. Nanotube [CDC09].
[BB90]. Nearest [LT+12]. Nebelung [MF+08]. Need [KT01, Kuc94]. Negative
[DKB+09, WS15]. Neighbor [LT+12].

Nested [AMP10, EW96, MMS07, QRW00, Sar01, aMST07]. Nets [AMP10, GL95].
Net [GG14, GSS10]. Nets [KMjC02, RA94]. Netuno [TFN14].
[MF+08]. Need [KT01, Kuc94]. Negative
[DKB+09, WS15]. Neighbor [LT+12].

Network-Aware [FPC14]. Network-Failure-Tolerant [GCD+03].
Networks [AK17, BS15, CLJH16, IBA11, Li03, LS05, MVB+06, YMW+17, AD89].
NetWorkSpace [BCS+09]. Neural [AMAH01, FCZ16, LYL14, LJ08].
Neuromimetic [RNJ+12]. Neuronal [CPP+12]. Neuron [Zey05, SDJS98].
New-Age [DKB+09]. News [FCZ16]. Newton [CCL12]. Next [Dar05]. NMRU
[Roy10]. no [Swa88]. NoCs
[MEP07, TOM+11]. Node [GAR+16, LJ09].
Nodes [NBN+15]. Non
[CSTGL03, Spr92, Con88, LP94].
Non-overlapping [Spr92]. non-shared
[Con88]. non-singular [LP94]. Non-Strict
[CSTGL03]. Noncoherent [BBGM95].
noncyclic [JF98]. Nonnegative [DZW10].
Nonsingular [OK99]. Normal [TG05].
Note
[Ano14, Ano16a, Ano16b, Ano16d, Ano16c]. Novel [DMMS91]. NUMA [BFG+10].
Number [HR11]. Numerical
[EFED05, YKLD17, Zey05].

O [AKT+14, MG15].  **O2000** [CML04].
Object [BBC07, DJR16, GS11, GS13].
Object-Oriented [GS11, GS13]. Objects [GK94]. Obtain [NRR99]. occam [Cam89].
ODE [MLdlP02]. Off [ZK07]. Off-Chip [ZK07]. **OffSCheduler** [LSYG15]. OMP [SGJ+03]. OMP2001 [TSB03]. On-Chip [GG13, KKZN12, MVBl06, AH08].


Open [AML+10, Cie91]. OpenCL [JSS+15, SSB+17]. OpenHMPP [AAB+16].
OpenMP [AM07b, ABB+10, BD07, BGD09, BFG+10, BS07, BEG+10, DFC+07, DFA+09, FM09, GSA08, HMK09, HAA+11, JCH+08, KaM10, KSJ14, MG15, MFG+08, MBE03, MMS07, NIO+03, OSS+08, OP10, WPC07, YKLD17, aMST07]. OpenMP/ MPI [BEG+10, HMK09]. OpenUH [CEH13]. Operating [CYS16, NP01].

Operation [FLD15, NB15]. Operational [Cam89]. operationally [DM87].
Operations [ABASS12, FPY08b, IBA11, ML15].
Operators [DM17]. Opportunistic [VMW+17]. OPS5 [GTK+88]. Optical [DMC91].

Optimal [AG98, BB90, DV97, DPF90, DPL86, GAR+16, MA87, Mer86, NG92, SM94, YKM03, ZLJ+17, EG86, RB86]. optimality [Gai89]. Optimisation [PPEP08].

Optimised [Zha10]. Optimization [CFB94, CPM96, CS97, CRM17, GLLH17, GmWHR98, HTwG+12, LDHL05, LM00, MO91, NIO+03, NdmCdMMW16, O007, PCP+13, RLH14, SRS06, SSEA14, Sca11, SHZ+14, YHG16]. Optimization-Based [SHZ+14]. Optimizations [BKTO8, BG96, ID08, KSEG14, LEL+99, MV17, MS11, SB90, SLZB13]. Optimize [ZLAV04]. Optimized [LF15, MGW99, Sar01]. Optimizer [LSYG15]. Optimizing [BBR11b, CGN+09, uHKAMFM16b, MBE03, ZSH+12, M909, uHKAMFM16a].

Optimum [EDA96]. Option [Ger10]. OR-[SH96]. OR-Parallel [AK90b, Lin91a, Ali86, Cie91, Tin88].

OR-Parallelism [AK90a]. Order [BS15, MSJ01, NP09]. Ordering [IS03, DM87]. orders [Pra86]. OREGAMI [LRG+91]. Organization [AM04].

Oriented [GS11, GS13, IWM16, RGB+08, SRS06, AKT+14, CZ12]. Origin [mpr+05]. OS-Based [FC11]. OSD [AGPGF14].
Other [OP10, SS89]. Out-of-Order [BS15, MSJ01]. Output [CDRV98].

Output-Dependences [CDRV98]. Overhead [CTB14, KRW+05, SJBV06]. Overheads [BGdS09, LJ08]. Overlapping [IKN00, Spr92]. Overview [BML+13].


ParaGraph [BCL90]. Parallel [AMAH01, AM04, AK17, ACD+16, ABvK+13, AA15, Ano16a, AVPG00, AJF16, BR14a, Bel94, BAF94, BASW95, BGM11, BS03, BNWL90, BR14b, BUMS02, BDH+14, Bro15, CGN+09, CPP+12, CY14, CB86, Cra88, CSTL03, CAP88, CPL+10, Dam07, DPT17, DMMS91, DE00, DS97, DS16, Den94, DX14, DZW10, DGM09, ECSS88, EHKT07, EK14, EK17, ES11, FCRC16, GBLG10, Ger10, GS11, GS13, GF14, GYL92, Grc16, GTK+88, HSCI+16, HK14, HMF+13, HP13,
[BCS+09, BS07, Car09, KaM10]. Profile 
[CMW+94, CPMC96]. Profile-assisted 
[CMW+94]. Profile-Driven [CPMC96]. 
Profiling [CPMC96, LPF16, ZSH+12]. 
Program [Dar05, KKMS99, MCFM12, 
SNB04, SLZB13, CRM92]. Programmable 
[CDC09, Dan07]. Programming 
[AGT17, Ano16a, AVPG00, BBC07, 
BARSW95, BCL14, BCL17, CBR17, DPT17, 
DK16, DeB87, DX14, EK14, GMP89, 
GJK+05, Gre16, GRR98, HSCI+16, HK14, 
Hud86, KS97, KBG+08, LHL+16, Lin91a, 
Lub90, MRLR16, NAP02, PLN+04, 
PVAE98, SQH92, SS01, SFAG14, Swa88, 
UKT00, YBRM14, ACD+14, BCL90, 
BCK98, Ken94, Par86a, Par86c, Tin88]. 
Programs [AR16, AJF16, BAF94, BS03, 
BDH+14, CB01, CZ12, DJR16, EHKT07, 
FCRC16, FJO+16, Jan15, JW16, JLMW15, 
KSJ14, LMP98, LBT17, Low00, MGW99, 
MOL05, MBE03, NS97b, OB13, SHK14, 
SJA99, SK97, SO89, WP00, BS99, Con88, 
Gai89, Gol88, JB98, Kas86, SRV88]. 
Project [BCC+05, MAB+11]. PROLOG 
[Ali86, AK90a, AK90b, Cie91, SB90, SH96, 
TSS86]. PROMIS [SSP+00]. Promoting 
[WLW+17]. proof [FeF87]. Propagation 
[LMP98, MXP14]. Properties [MAJD16]. 
Proposal [DFC+07, DFA+09]. Protein 
[FIZ+15, KLK16]. Protocol 
[BAP01, DeB87, GSY+13, RA09]. 
Protocol-Based [DeB87]. Protocols 
[SB91, BCK98]. Provide [SS17]. Proximity 
[LTL15]. Pseudosimulation [GT86]. 
PTAS [JLMW15]. pull [Par86c]. Purge 
[SAL16]. Purpose [WP00]. Push 
[RGK04, Par86c]. PyACTS [DGMP09]. 
Python [DGMP09]. 

QCD [SKG09]. QoS [AH08, SS17, uRHH14]. 
QoS-supported [AH08]. Quantifying 
[MHCF98]. Quantitative [LAV98, Sca11]. 
Quantum [PG16]. Query [STM15]. Queue 
[NSS12, WZTH13, ZLD15, CRM92]. 
Queue-Based [ZLD15]. Queuing 
[RKG04, AD86]. Queues [GL92, LLM16]. 
Queuing [WZTH13]. 

R [TRL09]. Race [KSJ14, MTT15]. Radiating 
[LG10, Zey05]. Radiation-Induced [LG10]. Radio 
[vNR11]. Radios [KWA+10]. Radiology 
[SWF+17]. Railway [PFLR02]. Random 
[AK17, GAR+16]. Randomized 
[DS97, LIO3, JGA+88]. Ranking 
[DS97, uRHH14]. RANSAC [HPVRPF15]. 
Rapid [TCUV14]. Rate [HCEP98]. Ray 
[STF+12]. Ray-Traversing [STF+12]. 
RDMA [GSY+13, LWP04, RA09]. 
RDMA-Based [LWP04]. 
RDMA-Enabled [GSY+13, RA09]. 
Reachability [WZB+92]. Reaction 
[HFI4a, HFI4b]. Read [MV17]. Real 
[EWHS11, FJO+16]. Real-Time 
[FJO+16, EWHS11]. Really [Kuc94]. 
Rearrangement [SBV06]. Recognition 
[PR99, SS92, SHK13]. Recognizing [PS92]. 
Reconfigurable 
[GMB+11, GBC+08, KBD03, NOMM16, 
NBN+15, PJS+05, TKN+08, ZC09, CB86]. 
Reconfiguration [SA10]. Recovery 
[JSHP97, LJO9, NBD98]. Rectangles 
[Spr92]. RECU [YBDJ17]. Recurrence 
[LMO0, Gao86]. Recurrences [SKA96]. 
Recursions 
[uHKAMFM16a, uHKAMFM16b]. Recursive 
[GMS00]. Red [IS03]. Red-Black [IS03]. Reduce [MKAP05]. 
Reduced [DV97, MB12b, OOR13]. 
Reducing 
[CEP97, CK02, CTB14, FCJV99, ZK07]. Reduction 
[ABASS12, AVLV03, JS10, KRW+05, LHF+15, LJO8, ML15, PO07, 
SK97, SWL05, JK86]. Redundant 
[CH95, EAT14, GV95, KTT+99]. 
Refactoring [BDH+14]. Referees [Lin92, 
Lin88b, Lin91b, Lin86, Lin87, Lin89, Lin90]. 
Reference [ALG+95, RRH03, WGW04].
Scientific [DGMP09, IPR+05, MV17, SSB+17, TTF+08, WSO+07]. SCnC [SSNS16]. Scratchpad [CHCL14].
SDRAM [LPB13]. Search [GAR+16, Ged13, Hum91, KS00, LX95, MB12b, MVD+14, AD89, DPL86, KR87, RK87].
Searches [LTF+12]. Second [SS10]. Section [Ano16d, Ano16c]. Segmentation [LF15].
Seismic [PTdSF+12, Wai87]. Selected [KPS14]. Selecting [Low00].
Selection [DE00, GAR+16, uRHH14]. Selective [KMG01, TFMP97]. Self [DWS16, EFED05, FKM+11, HHW10, HC17, KFC08, LSL94, LJ05, NSS12].
Self-Adapting [EFED05]. Self-Monitored [LJE05]. Self-Scheduling [LSL94, HC17].
Semantic [HHC+15, LQWP10].
Sensor [CPT14, NBN+15]. Separation [SS92]. Sequence [SO89, ECSS88, Hua89].
Sequences [AK17, FJZ+15]. Sequential [FCRC16, LNF12, TFNC09, WNM16, Ali86]. Serial [NIK00].
Server [AFM+06, CYSL14, LJ09]. Servers [EAT14, NYHA14, RC16, WLV+17].
Service [LJ09, uRHH14]. Services [HDL16, HHC+15]. Set [API03, CZTM03, GFL00, HCEP98, MBR6, SRS06, WGW04].
Sets [DWS16, FR95, LHF+15, NRR99, SS92, EG86]. several [Hem89].
SGI [CML04, IPR+05]. Shape [CAZ02]. Share [TV15].
Shared [BS03, BS91, CCG+14, Cra88, GV99, GG13, HR11, LSL94, Lvb90, MMG04, MBE03, NIK00, NAP02, SNB04, SR15, SMC94, SS01, SS17, SMO96, SY08, WQJ17, YBRM14, ZLD15, Con88, FcF87, GHLN86, Hem89].
Shared-address [HR11]. Shared-Memory [BS03, CCG+14, GV99, LSL94, NIK00, NAP02, SMC94, YBRM14, GHLN86].
Sharing [CML04, GM79, SBNO4, YBDJ17].
Shifting [DH00]. SHMEM [SS01].
Shortest [AT91, OATGEL15a]. Shortest-Path [AT91]. shuffle [GE89].
Signal [FVvL+16, NS97b]. Signals [vNR11].
Significance [VCP+16]. SIMD [GS90, KJHB14, SBV06, SDJS98].
Similarity [Ged13]. Simple [CL06, WS08, LS91]. simplicial [EG86].
Simplifying [MCA98]. Simulating [BH87].
Simulation [ABvK+13, AA15, Dem11, KWA+10, KP05, LJ05, MCE13, MGJS15, MANR09, PPQV16, SAB11, ZY05, ZWJK05, GT86].
Simulation-Based [ZWJK05, KWA+10].
Simulations [ASW+15, CGN+09, HLP11, HF14a, HF14b].
Simulator [WPC07]. Simulators [MPR+05, PC13, TCUV14]. Simultaneous [L+99, WS08].
Single [CB01, Fos89, HF14a, HF14b, PM07].
Singular [BUM02, LP94]. SISAL [AM95].
Size [Low00]. SKA1 [FVvL+16].
SKA1-Low [FVvL+16]. Skeleton [DK16, EK14, GRC+14, GGV17, HI04, DM17, SFAG14]. Skeleton-Based [GGV17].
Skeleton-Driven [GRC+14]. Skeletons [CPT14, EM14, EK17, JCD+14, SM16].
SkeTo [EM14]. Skewing [Won02, Wol86].
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Smith [FJZ+15, HMF+13, TG05]. SMPs [BS03].
SMT [KLG08]. Snow [TRL09]. SOC [LVM16, AM+10, KHH08, KBG+08].
Social [CLJH16]. socket [RC16]. Software [AVM+16, BTB+13, CFF+06, Dar05, DJS12, EFED05, GRAG00, HTK98, KWA+10].
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[JHLM01, MGW99, ZLAV04]. Utilizing
[CPL+10].

V [IPR+05]. V-Class [IPR+05].
Valedictory [Lin92]. Validation
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[Ger10]. Value [AK96, BUMS02, LS98,
LEG11, SS99, SW95, SK14]. Value-Based
[SW95]. Variable [AW98, EM14, MV17].
Variable-Length [EM14]. Variables
[JW16, PPQV16]. Vector [BBR11a, TSS99].
Vectorization [BGGT02, CRM92].
Vectorizing [CK02, SG00]. Verification
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LMPS05, SRS06, US05].
Verification-Oriented [SRS06]. verified
[KFC08]. Verifying [Win89]. Versatile
[KSJ14]. Version [YAI95]. versioned
[SSB+17]. Vertices [LW97]. via
[EDA96, HCEP98, SSP+96, ZK07]. Video
[DLRS13, KBD03, SSEA14, TSS99]. Virtual
[EGJS15, HHW10, JQWG15, LCU92,
LVM16, PO07, SHZ+14]. Virtualization
[LLW+17, ZXY+15]. Virtualized
[VF112]. Visibility [DPS90]. Vision
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[SJKA99]. VLIW [ABASS12, CND95, CS97,
GBP07, ZLAV04]. VLSI [PP10]. VOD
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vs [NAP02]. Vshadow [LLW+17].

Wait [FLD15, LFD17, Sun11]. Wait-Free
[FLD15, LFD17, Sun11]. Warm [LJE05].
Warm-Up [LJE05]. Warp [Lys08].
Waterman [FJZ+15, HMP+13]. Wave
[LS07]. Waveform [CCL12]. Wavefront
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Weak [BAP01]. Weakly [DWS16]. Web
[HHC+15, NYHA14]. Weight [CM06].
Weighted [Ken01]. Which [Gen16]. while
[Col95, GL95]. while-Loops [Col95]. Who
[JK12]. Window [DM17, NdMM09].
Window-Based [DM17]. Winograd
[uHKAMFM16a, uHKAMFM16b]. within
[LLL+15]. Without [LPB13]. Word
[FLD15, Sun11]. Work [AK92].
WorkCrews [VR88]. Workflows
[TTF+08]. Working [FR95]. Worklist
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[VCP+13]. Workshop [SS10]. Workstation
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[GHM14, HLP11, LLW+17]. Wormhole
[LNP91]. Write [MV17]. Written [KaM10].

XDP [CFB94]. Xeon [ELGE17]. XI
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Y-Invalid [BAP01]. Yield [SS17].
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