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

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

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

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-D [ES11]. **-Means** [LKS+20]. **-Minimization** [GLLH17]. **-Tree** [WR18]. **-way** [DPL86].

1000 [SSMO96]. **14** [HG18]. **16** [Swa88]. **18th** [DB08].

2 [ELK18]. **2.0** [RSJ+19]. **20** [TTF22]. **2000** [IPR+05]. **2011** [MCE13]. **2013** [AG15]. **2014** [Bro15]. **2015** [PVG17]. **2019** [Kes20]. **2020** [RJO22]. **2022** [ORJ24]. **2DT** [BARSW95]. **2DT-FP** [BARSW95].

3 [EAK21]. **3.0** [KaM10, OP10].

512 [RSJ+19].

95 [KaM10].

A. [Swa88]. **Abingdon** [AM95]. **Above** [LCT+20]. **abstraction** [VR88]. **Abstractions** [ASS21, BCL14, LQWP10, YAI95]. **Abstractive** [KSF+18]. **Accelerated** [BETK24, DMC+18, HML+20, KLK16, PES+18, SF20, SBC17]. **Accelerating**

[FFS18, FRT+18, FJZ+15, HF14a, HF14b, LLGC17, MAWD+16, MNN22, PTdSF+12, SCS23, WQZ+24, XWH21, ZHF+19, ZTY+19]. **Acceleration** [BC10, MCFM12, STM15]. **Accelerator** [ALPS19, EK17, FVvL+16, LWGZ18, SWG+18, TTF22, YZZ+19]. **Accelerators** [GP17, LCF21, SdLC21, ZJL22]. **Access** [JG97, Joh94, LMHW18, OOR13, RWMF24, ZK07]. **Accesses** [GV95, LPB13]. **Accumulations** [MM16]. **Accumulative** [IH04]. **Accuracy** [CEP97, KP04]. **Accurate** [PZL+19, RGB+08, TA99]. **Accurately** [BGdS09, Low00]. **Achieving** [AMP+05, GAR+16, GS90, Won02]. **Acknowledgment** [Nic14]. **ACOTES** [MAB+11]. **Action** [WZG+17]. **Active** [RLK20]. **Activity** [FR95]. **Actor** [ZLC+19]. **Actors** [RTD20]. **ACTS** [DGMP09]. **Acyclic** [Hue97, ZLJA12]. **Adaptability** [SA10]. **Adaptation** [CCL12, SJT13]. **Adapting** [EFED05, JMSG02, PIP18]. **Adaption** [CLL21]. **Adaptive** [AO19, BBB+17, BFRPVR+15, CS20, DJS12, GLLH17, GRV+17, GW19, GH89, HHW10, HP13, HR11, HTDL18, JLDF19, KSEG14, LLM+12, LJE05, PSM97, RA09, SHC15, WR18, ZLD15]. **AdaptiveLock** [YLB19]. **Address** [SS01, TAY+12, HR11]. **Addressing** [GG13]. **Adjoining** [PS92, PW92]. **Adjustment** [ZLC+19]. **ADL** [PC13]. **ADL-Based** [PC13]. **Admission** [NYHA14]. **Adoption** [SdLC21]. **Advance** [SL14]. **Advanced** [AAN+20, DLRS13, MAB+11, LF15, NdMMW16]. **Advantage** [TKN+08]. **AES** [XWH21]. **Affine** [Fea92b, KDV22, KP95, LM00, Mon97, Fea92a]. **Affinity** [GRC+14]. **After** [AKBPV19]. **Again** [MP04]. **Against** [DDJ+18, FDY+19, GWHY19, MWES19]. **Age** [DKB+09]. **Agent** [FLMR17a, FLMR17b, WLL+08, STB+18]. **Agent-Based** [FLMR17a, FLMR17b]. **Agents** [ES06]. **Aggregation** [HHW20, LSA+07, SBN03]. **Aggressive** [SK14]. **Agnostic** [AVM+16, NAP02]. **Agriculture** [GKC22]. **AI** [GAG22]. **AI-Assisted** [GAG22]. **Air** [LCT+20]. **Aircraft** [MSJ20]. **ALE** [HAA+11]. **Algebra** [CCG+14, CBR17, HKJ+18, KTRZ+17, MP04]. **algebraic** [SS89]. **Algorithm** [AFO+08, AKT+14, ASG20, BM09, CSCL20, CL96, Cra88, CDDM18, DMMS91, DWS16, DZW10, EKU22, FBV21, GF14, GKC22, HNC+16, IP90, IKN00, JLDF19, JCW+18, KBD03, LLM+12, LMP98, LF15, LKS+20, MMN15, MSJ20, MCT+18, Mer86, MB12b, Moh19, MVD+14, NFC+09, NB15, NRR99, NRGB17, NdMMW16, PS92, RY20, RY22, RK92, RBR22, SI11, SF20, SWL05, Spr92, XZT20, ZQT20, ZTY+19, EG86, FcF87, GZ87, GT86, Hua89, JGA+88, LS92, Sch92, SRV88]. **Algorithm-Based** [NRR99]. **Algorithmic** [DMK21, DM17, EK17, GK18, HdMMK22, HK23, dMMHdLN21, SHK13, WE18, WMK19, WK20]. **Algorithms** [AT91, APR+18, AMAH01, AK17, ABSSS19, AGT17, BR14b, CAT18, CAP88, Dam07, DPS90, DMC+20, EO88, FG16, GM20, Ged13, GP17, GF14, HSXH19, IBA11, Iqb91, uHKAMFM16a, uHKAMFM16b, KPS14, LTSD15, Liv91, dMMKdLN22, ÖO07, PIP18, RG15, SH87, SS92, SAS18, SKAT91, SJC18, SR90, VVCA23, XWH21, Zey05, ZLD15, ZHF+19, DPL86, ECSS88, HFM88, SDJS98, Swa88, Zha89]. **Alias** [LC11, WGW04]. **Aligned** [Dab21]. **Alignment** [FJZ+15]. **All-Parses** [IP90]. **All-Port** [IBA11]. **All-to-All** [FPY08a]. **Allgather** [QA11]. **Allocation** [BE14, CND95, DLX+17, DS20, LkCH94, NG92, PZL+19, RY20, RY22, ZLD15, EO88, NP98]. **Alloyed** [LLSS03]. **Allpairs** [SFAG14]. **Alltoall** [QA11]. **Alone** [DJR16]. **Alternate** [PK20]. **Alternative** [KF99, FcF87]. **Alternatives** [Bel94, MB99, NPT86]. **Altruism** [LCL19].

Altruism-Based [LCL19]. **AMAIX** [ZJL22]. **Amdahl** [Ano87a, PM07]. **AMR** [NLRH07]. **Analyses** [CI96, GV95, SJW22]. **Analysing** [BDD+18]. **Analysis** [ASS24, AK96, ABTZ00, AFO+08, AW98, BEA+19, BG96, BFRPVR+15, CSC+00, CSD21, CAZ02, CAT18, CPL+10, Fea91, Gha19, GH96, HML+20, Jak19, KP04, LT17, LCL19, LY95, LHF+15, LWDL17, LHP+17, LC11, MP91, MHL95, MP04, NSU22, NP19, PCJ20, PPEP08, RLEJ19, RRH03, Sca11, SSP+96, SO89, US05, WGW04, dMP+03, AD86, GTK+88, NPD89, RS90, KR87]. **Analytical** [KWA+10, NP19, VCP+13, ZJG17, ZJL22]. **Analytics** [FJA+18, FRT+18, LWF+19, TMXS24]. **Analyze** [ASW+15, Dem11]. **Analyzing** [APR+18, ALG+95, DF98, FM09, HRH08, SD11]. **AND-parallel** [SRV88]. **AND-Parallelism** [SH96, BS89]. **AND/OR** [RK92]. **Android** [AER+17]. **Animation** [BGMR11]. **Announcement** [Int98, Ano86d, Ano92]. **Anomalies** [Jan15]. **ANSI** [BG03]. **Ant** [ASG20, dMMHdLN21]. **Anti** [CDRV98]. **Anti-** [CDRV98]. **Apache** [ZLA21]. **APCFS** [KK11]. **API** [LCT+20, TTF22]. **APL** [GS90]. **app** [DJR16]. **Application** [ACC+02, API03, BGdS09, BS07, CZTM03, Dam07, EGK23, FJO+16, HL21, HTDL18, JCH+08, JAW17, KS97, Mat17, MP04, Moh19, PG07, PB04, RSK09, Sek09, SKG09, TOM+11, VMS15, BH87, CRM92, WB87]. **Application-Aware** [JAW17]. **Application-Dependent** [VMS15]. **Application-Level** [HTDL18]. **Application-Specific** [API03, TOM+11]. **Applications** [Ano16a, Ano18b, BEA+19, BEJD21, BBR11b, BDD+18, CY14, CR19, CBR17, CHCL14, CPT14, DPT17, DFH17, DS16, DGMP09, EWHS11, FM09, GHM14, GS11, GS13, GRC+14, GGV17, Gre16, HK14, HMK09, HtBK+10, HLK+09, IPR+05, KMjC02, KPRS96, KTBP18, LRG14, LLW+17, LQWP10, LWLG11, MV17, Mar09, MAJD16, MG15, MCWK01, MANR09, Mis09, OK99, ÖA21, PPQV16, RLPN+02, RSJ+14, RGB+08, SR15, SÜCV17, SSB+17, SASH12, SBN03, TG21, TB23, TMHT96, WL16, WLL17, ZK07, ZZS+19, ZD19, ZSH+12, GKMB87, SDJS98, SS89]. **applicative** [Hun87]. **Applied** [BUMS02, KaM10, Lin91a]. **Approach** [AK90b, AVM+16, BBB+17, CHB06, DM17, FCZ16, FJA+18, FBV21, FJO+16, GAG22, GYL92, JQWG15, KK20, KSF+18, KKKS24, KSA+18, LTF+12, LLL+15, LCT+20, MO91, NN95, OATGEL15a, PMV17, QZP15, STM15, VSDK09, qWlJzKhC17, WS08, WEJS94]. **Approaches** [BUMS02, JCH+08, PCJ18, VRGC19]. **Appropriate** [Gen16]. **Approximate** [HZL16, Iqb91, TGT18, VCP+16]. **Arbitration** [BS91]. **ArchC** [ARB+05]. **Architectural** [LSHK09, NP01, SEP08, TCUV14, WGF+16]. **Architecture** [AP86, ARB+05, BGGT02, CHCL14, CFC+19, CDC09, DB08, DLRS13, FCJV99, GWPV21, GL92, HTZ+97, HL21, JLDS16, LHP+17, MB12a, MB99, MSPR18, NdMMW16, NAP02, RD08, STF+12, SJT13, TRD21, YS22, ZTY+19, CB86, GKMB87]. **Architecture-Agnostic** [NAP02]. **Architectures** [Ano18b, Ano18a, BG96, BFG+10, CPG01, CND95, CJA00, GBPK07, Ged13, GAG22, GGV17, HCEP98, HP13, LAD15, MCE13, MGJS15, Mis09, NFC+09, NdMCdMMW16, PJS+05, PMM+18, PG16, PVG17, RJO22, RMH21, RSJ+19, SJBV06, SMH21, TG21, TB23, TJY99, TF94, VHK+18, ZLAV04, ZZS+19, LRG+91]. **Area** [RSP20, Roy10, SWZ+15, WMN+17]. **Argument** [ABASS12, NG92]. **Argument-Fetching** [NG92]. **Arithmetic** [ABASS12]. **ARM** [MGL+17]. **ARMv8** [CFC+19, KHT21]. **ARMv8-based**

[CFC+19]. **Armv8-M** [KHT21]. **Arnoldi** [LEA15]. **Array** [AM04, BG96, CZ12, CI96, Fea91, GV95, GS06, GW19, GB20, SMM94, TG05]. **Array-oriented** [CZ12]. **Arrays** [EHKT07]. **Arrival** [FPY08b, QA11]. **Art** [KPS14, LHL+16]. **Artificial** [CSCL20, GKC22]. **ASIPs** [ALTT17]. **Aspect** [KKSP18, KK20]. **ASPmT** [MWHS24]. **ASPmT-Based** [MWHS24]. **Assembly** [ABTZ00]. **Assessing** [EGK23, KKSP18]. **Assessment** [BKK20, BKK23, FJA+18, Hal86, UWF+20]. **Assignment** [CB01, Fos89]. **Assimilation** [XZT20]. **Assisted** [GRV+17, GAG22, MMG04, RMG+13, CMW+94, LCF21]. **Asteroid** [RC16]. **Astronomy** [vNR11]. **ASW** [ZTY+19]. **Asynchronous** [BBC07, CJS21, DF98, GSS10, GW19, PHS19, SAS18, CG94]. **Atmospheric** [SMSH13]. **Atom** [MARC24]. **Atomic** [SW16, Win89]. **Atomics** [HVF18]. **Attack** [ABSSS19, MWES19]. **Attacks** [AAI+20a, AAI+20b, GWHY19]. **Attempting** [GYL92]. **attitude** [WSC20]. **Attribute** [MO91]. **Attributes** [BDD+18]. **Auction** [WWG+19]. **Auction-Based** [WWG+19]. **Auto** [CCG+14, Ged13]. **Auto-Tuning** [CCG+14, Ged13]. **Automata** [BR97, WSS18]. **Automated** [AZK+18, BEJD21, JGP+18, VNU19]. **Automatic** [AAB+16, API03, ALG+95, BG17, BGGT02, CZ12, CZTM03, Col95, CAZ02, EM14, FCRC16, GK94, GVB+06, GRC+14, GYP22, GMS00, HHC+15, Jak19, JW16, KSTF24, LQWP10, PHS19, SRS06, SHK13, SSB+17, SNS21, TFEK16, TG05, ZLC+19, vdSGBW08, KMV87]. **Automatically** [DDJ+18]. **Autonomic** [GGV17]. **Autonomous** [KK11]. **Autotuning** [BC15]. **Avoidance** [NBA13]. **Avoider** [YZZ20]. **Avoiding** [MMN15, SJBV06]. **AVX** [RSJ+19]. **AVX-512** [RSJ+19]. **Aware** [AOAM21, AAB+16, AVLV03, CTK+11, CAK17, DCX+17, FPCD14, GB20, HZZS20, HSM+24, JQWG15, JAW17, JLDF19, JDF20, KHT21, LQWP10, LGY16, LHLT19, Mar17, MMD21, PS23, QA11, TMXS24, WTZ+19, WTQ21, XLWX19, YHGW16, MEP07, YFC21]. **Awareness** [KAI20, RGB+08]. **Axiomatization** [GM20]. **axioms** [FK87].

B [AP86, WZTH13]. **B-Queue** [WZTH13]. **B-Spline** [AP86]. **B.E.** [Sca11]. **Back** [LXL17]. **Backtracking** [BMA02, SRV88]. **Backtracking-Based** [BMA02]. **Backup** [XZX+15]. **BADCO** [VMS15]. **Balance** [YHGW16]. **balanced** [DPL86]. **Balancing** [ASW+15, AmWHM99, EWHS11, HR11, JK03, RLH14, RSJ+14, SR15]. **Bandwidth** [FPY08a, KSEG14]. **Bank** [GG13]. **bards** [Par86a]. **Barrier** [GH89, HTK98, JHLM01, Liv91, Lub90, Bro86, HFM88]. **Barriers** [GE90, SMC94]. **Based** [AAN+20, AAI+20a, AAI+20b, AOAM21, ABSSS19, AA15, BEA+19, BMA02, BHL21, BKK20, BKK23, BEJD21, BDD+18, CLJH16, CND95, CLL21, CDC09, CPMC96, DK16, DeB87, DM17, DGMP09, DWQ17, EVK22, FLMR17a, FLMR17b, FCZ16, FJA+18, FR95, FJZ+15, FC11, FPCD14, FCRC16, GBPK07, GMB06, GAG22, GGV17, GF14, GL18, GHR20, GL92, HZL16, HmWHR97, HF14a, HF14b, HHC+15, JK12, JCW+18, KBD03, KKMS99, KF99, KTF23, KGK20, KT01, KJPN10, LLM+12, LLM16, LPF16, LJ09, LCL19, LLL+15, LWP04, LWDL17, LCL17, LYG+18, MLdlP02, MCFM12, MGL+17, MPR+05, MWHS24, NYHA14, NSU22, NRR99, NRGB17, OB13, OBB+24, PDN21, PK20, PC13, QZP15, RSP20, RLH14, RMH21, RBR22, RSJ+14, RSJ+19, SAB11, SAI+20, SZH18, SJC18, SS17, SÜCV17, SHZ+14, fSxWC18, SW95, SWF+17, SDL17, TSS99, TFEK16, TESK06, TG05]. **Based** [UKT00, US05, UWF+20, VVCA23,

WLL+08, WL16, WHC+17, WWG+19, WHC+24, WK20, YWW+19, YHGW16, YLB19, YZZ20, ZLD15, ZQT20, ZLA21, ZWJK05, ZJG17, ZXY+15, ZHF+19, uRHH14, BBR11a, BC10, CFC+19, KWA+10, KSF+18, KM86, LP94, LJ08, MB12b, OATGEL15a, Pan08, RD08, RK13, SL14, YFC21, Mil88]. **Basis** [DMC+18, FT87, Sch92]. **Bat** [NRGB17]. **Batch** [QGT+19]. **be** [DM87, BGMR11]. **Bedding** [WSC20]. **Bee** [CSCL20]. **Before** [LCT+20]. **Behavior** [LGY16, TMHT96]. **Behavioral** [LCL19, TLSG05, VMS15]. **Belief** [MXP14, SF20]. **Benchmark** [SGJ+03, AM95]. **Benchmarking** [Cza17]. **Benchmarks** [TSB03]. **Berlekamp** [Moh19]. **Better** [DCX+17, Par86c]. **Between** [BS07, Cza17, AHKR01]. **Bézier** [PGLC+18]. **Bias** [DKB+09]. **Bidomain** [XOdFV+09]. **Big** [APR+18, DC20, DX14, HSXH19, KIT+20, LT17, RSA+18, WTZ+19, WTQ21, YS22]. **Billions** [qWlJzKhC17]. **Binaries** [JMSG02]. **Binary** [ABSSS19, ABvK+13, DPS90, HRC17, LSA+07, LYG+18, NRGB17, MA87]. **Binding** [Con88]. **Bio** [CSCL20]. **Bio-Inspired** [Mis09, CSCL20]. **Bioinformatics** [VRGC19]. **Biological** [LHP+17, ECSS88]. **Biotechnology** [BR14a]. **Bipartite** [BM09]. **BitTorrent** [JJIL15]. **Black** [IS03]. **Blackboard** [Dav87]. **Blade** [SKG09]. **Block** [GRV+17, HCEP98, IS03, LF15, Low00, MP95, SMDJ19, SSB21, TSS99]. **Block-Based** [TSS99]. **Block-Structured** [HCEP98, MP95]. **Blocked** [SMN09]. **BlockGraphChi** [SMDJ19]. **Blocking** [EKU22, BG17]. **Blocks** [CBR17, KTRZ+17, TTMD23]. **Blue** [MSA+07]. **Boltzmann** [SMN09]. **Boost** [HP13]. **Boosting** [KTBP18, LRG14]. **both** [LSM+18]. **Bottom** [SKG09]. **Bottom-Up** [SKG09]. **Bound** [Hun91, JGA+88]. **Boundaries** [SNB04]. **Bounds** [Hen21]. **BPLG** [LAD15]. **Brain** [NFC+09]. **Branch** [BMA02, CHYP96, CEP97, Hun91, JSHP97, KMG01, LJ08, LLSS03, TF96, JGA+88]. **Branch-and-Bound** [Hun91, JGA+88]. **Breadth** [GAR+16]. **Breadth-First** [GAR+16]. **Breakdown** [LSHK09]. **Brief** [KPS14]. **Bringing** [GHM14]. **Broadband** [Gsc07]. **Broadcast** [FPY08a, LS05, LM00]. **Broadcasting** [BB90]. **BSHIFT** [YZZ+19]. **BSP** [AGT17, FG16, GM20, HMF+13, Jak19]. **BSP-Why** [FG16]. **Buffer** [YJY16]. **Bug** [WLWZ15, YZZ20]. **Bugs** [PCJ20]. **Building** [CBR17, DMC+18, KTRZ+17, TTMD23]. **Burstiness** [RNJ+12]. **Bus** [GBPK07]. **Butterfly** [LAD15, Bro86]. **Bypassing** [MS99, OVA04]. **Byte** [KF99]. **Byte-Codes** [KF99]. **Bzip2** [GHDF19].

C [BJM20a, BG03, CAZ02, GH96, HG18, HTZ+97, LHP+22, NLBB23, PB04, SSB+17, SNS21, TTF22, YBRM14]. **Cache** [AOAM21, CMW90, FDY+19, JQWG15, KKZN12, KSEG14, KD15, LTL15, LGY16, LJE05, NIO+03, NBD98, PZL+19, PMHC03, RLPN+02, Roy10, SNB04, SS01, SS17, SJT13, TKN+08, TGT18, TFMP97, YDV19, YBDJ17]. **Cache-Coherent** [SS01]. **Cache-Incoherent** [TGT18]. **Cache-Integrated** [KKZN12]. **Caches** [BBGM95, LVJ22, MKAP05, PO07, TFMP97, WMC98]. **Caching** [KVG18]. **Cake** [CHSC18]. **Calculating** [LBT17]. **Calculation** [Boh23]. **Calculations** [HdMMK22, HK23]. **Calculus** [HL21]. **Call** [JK12]. **Calling** [JK12]. **can** [DM87, NLBB23]. **Cancellation** [GN20]. **Capabilities** [OATGEL15b]. **Capturing** [FM09]. **Car** [RLK20]. **Carbon** [CDC09]. **Cardiac** [LLGC17, XOdFV+09]. **Carlo** [BJM20b, PES+18]. **Cartesian** [AKHD13]. **CAS** [MMG04]. **CAS-DSM** [MMG04].

Cascade [KTBP18]. **Case** [BKT08, CG94, CGPS18, CML04, DE00, LDHL05, SPS14, TESK06, KM86]. **Categorization** [LYL14]. **Cattle** [KSA+18]. **Caused** [MKAP05]. **CCAP** [JQWG15]. **ccNUMA** [NP01]. **CCRP** [BHL21]. **CDMA** [GN20]. **Celerity** [TTF22]. **Cell** [WSO+07, BGMR11, Gsc07, OOS+08, Sca11, SKG09]. **Cell/B.E.** [Sca11]. **Center** [DFZ21]. **Centers** [AAN+20, LVM16]. **Central** [FVvL+16]. **Centric** [CM06, FPCD14, KP01]. **Cetus** [BML+13, RMG+13]. **Challenges** [Bel94]. **Change** [LFHAM19]. **Channel** [Gha19, GL92, HZZS20, WQJY17]. **Channel-Aware** [HZZS20]. **Channels** [FDY+19, KLK16, YDV19]. **Characteristics** [SH96, Tic90]. **Characterization** [AVM+16, GM20, YDV19]. **Characterizing** [BGdS09, CFX+20]. **Charismatic** [LKS+20]. **Check** [NRR99]. **Checking** [AKBPV19, Hen21, HMK09, TLSG05]. **Checkpointing** [LNP91, RMG+13]. **Chemistry** [CGN+09]. **Chinese** [FCZ16]. **Chip** [AO19, AOAM21, GRV+17, GG13, Gsc07, JLDF19, JDF20, KKZN12, KSEG14, KT01, LS07, MVB+06, OP12, OBB+24, PM07, TGT18, TESK06, ZK07, ZGH+15, ZC09, AH08]. **Chip-Multi** [AOAM21]. **Chip-Multiprocessors** [GRV+17, TGT18]. **Chips** [NCR+19]. **choice** [BS89]. **Cholesky** [GN89]. **church** [Ano86a]. **Circuit** [PMV17, WPC07]. **circuits** [BH87]. **CISL** [MPR+05]. **Cities** [KIT+20]. **Clairvoyant** [SY08]. **Class** [BEP13, MPR+05, IPR+05]. **Class-Based** [MPR+05]. **Classification** [CHYP96, CS20, KTBP18, Mon97, NAS23, QZP15]. **Cleaning** [MCT+18]. **Clearance** [GAK20]. **Climate** [HNC+16, LHF+15]. **Cloaking** [MS99]. **CLOMP** [BGdS09]. **Closure** [CAP88, KP95, KPRS96, VK88]. **Cloud** [AAI+20a, AAI+20b, CAK17, DS20, HZL16, HC17, JM20, JQWG15, KJHB14, RLH14, WQJY17, XZX+15, XLWX19, uRHH14]. **Cloud-Based** [AAI+20a, AAI+20b]. **Clouds** [JAW17, LTF+12, LCT+20]. **Cluster** [CYS16, EAT14, ES11, FPCD14, LJ09, LTL15, LSYG15, MLdlP02, NIK00, SCB+14, YS22]. **Cluster-Based** [FPCD14, LJ09]. **Clustered** [CPG01, GBPK07]. **Clustering** [ANS20, BABW14, CS20, CAP88, DMC91, FCZ16, LKS+20]. **Clusters** [BEA+19, BS03, BC15, DWQ17, EAK21, FPY08a, GCD+03, GSY+13, HC17, HOZ06, QA11, RPF18, TTF22, WK20]. **CMP** [DLX+17, LTL15]. **CMPs** [BHJ06, FC11, KKZN12, LGY16]. **CNN** [SHS21]. **CNNs** [SWG+18]. **Co** [GRAG00, MPR+05, NB15]. **Co-Generation** [MPR+05]. **Co-operation** [NB15]. **Co-Scheduling** [GRAG00]. **Coarse** [CSF+20, NIO+03, PSM97, SSM21, WW17, AD89]. **Coarse-Grain** [PSM97]. **Coarse-Grained** [CSF+20, SSM21, WW17]. **Code** [AKBPV19, ABTZ00, BTB+13, CPG01, GBLG10, GK94, HBC23, HRC17, JS10, KaM10, KAMAMA17, LF15, LC11, MGW99, MCA98, MP04, NRB94, NLBB23, ÖO07, PB04, TFEK16, TF94, WNMW16, WK20]. **Coded** [WHC+24]. **Codes** [CAZ02, ELGE17, HTK98, KF99, RMG+13, SF20]. **Coding** [DLRS13, MB12b, SSEA14, YMW+17]. **Coflow** [CLL21]. **Coherence** [CMW90, FC11, KSEG14, MPAG18, PMM+18, SNB04, SMH21, YDV19, BCK98]. **Coherence-Free** [PMM+18]. **Coherent** [SS01, TGT18]. **Cohesion** [KKSP18]. **Collaborative** [Gen16, JCW+18, VSDK09, WLWZ15]. **Collection** [Cra88, AH86]. **Collective** [BG17, FPY08b, IBA11, KSTF24]. **Collector** [Fos89, LWLG11]. **Colluding** [AKA+20]. **Colony**

[ASG20, CSCL20, dMMHdLN21]. **Combinatorial** [MAT23]. **Combining** [ABASS12, GV95, GH89, HSCI+16, LSM+18, LLSS03, RK92, SMC94, WMC98]. **Coming** [LS07]. **Commands** [GYL92]. **commentary** [Lin88a]. **Comments** [Swa88]. **Commercial** [NYHA14, RLPN+02]. **committed** [BS89]. **committed-choice** [BS89]. **Common** [BEJD21]. **Communal** [BKK20, BKK23]. **communicating** [Mai87, RS90]. **Communication** [AAN+20, AH08, BG17, CTB14, GAR+16, GL95, IBA11, IKN00, JQJ+16, KHH08, KKZN12, KSTF24, KT01, KTT+99, LM00, MMN15, MEP07, MO91, OPLS17, PSM97, RGB+08, TOM+11, TA99, WZTH13, MO90]. **Communication-Avoiding** [MMN15]. **Communication-Driven** [TOM+11]. **Communications** [HZZS20, Mon97]. **Compaction** [DH00, KGK20, PYX17]. **Compactors** [ZC09]. **Comparative** [BFRPVR+15, HPVRPF15, LMPS05, YS22]. **Compare** [FLD15, Sun11]. **Compare-and-Swap** [FLD15, Sun11]. **Comparison** [BS07, DMC+20, HMF+13, OP10, SS01, ECSS88, FT87, GE89, Hua89, Kas86]. **Compatibility** [CS97]. **Competitive** [Gen16]. **Compilation** [AVLV03, GBLG10, HmWHR97, JB98, KL00]. **Compile** [KCW+05, vdSGBW08]. **Compile-Time** [KCW+05]. **Compile/Run** [vdSGBW08]. **Compile/Run-time** [vdSGBW08]. **Compiler** [AZK+18, ALPS19, BML+13, BKT08, CGN+09, CTK+11, CP04, CFB94, CEH13, EM13, FKM+11, GBC+08, HTK98, JCD+14, Ken94, KTT+99, LCF21, LEL+99, MMG04, MO91, MCA98, MAB+11, PB04, RMG+13, RBES00, SSP+00, SBC17, SG00, TMHT96, TJY99, YZ13]. **Compiler-Assisted** [RMG+13, LCF21]. **Compiler-Generated** [JCD+14, MCA98]. **Compiler-Parallelized** [HTK98, TMHT96]. **Compiler-Towards** [SSP+00]. **Compilers** [HML+20, MPR+05, ME15, SGK12]. **Compiling** [HTZ+97]. **Complementary** [LkCH94]. **Complete** [BdS07]. **Complex** [AMP+05, CHCL14, fS18]. **Complexity** [DFH17]. **Component** [EFED05, MLdlP02, fSxWC18]. **Component-Based** [MLdlP02]. **Components** [DKB+09, DJR16]. **Composability** [CB19]. **Composable** [AMP+05]. **Composed** [LWF+19]. **Composition** [GVB+06, GGV18, HHC+15, RK13]. **Compositional** [EHKT07, TLSG05]. **Comprehensive** [OATGEL15a]. **Compressed** [KK11]. **Compression** [BABW14, HNC+16, KKMS99, TSS99, VHK+18]. **Computation** [BG17, BEP13, CJA00, Cza17, DMMS91, FLMR02, HSCI+16, JAW17, KSBN22, LEA15, MCWK01, MNN22, NdMM09, PGLC+18, Ric90, SSM21, Ski91, SSB21, KMV87, MA87]. **Computation-Oriented** [SSM21]. **Computational** [HLK+09, LLL+15]. **Computations** [HKJ+18, IH04, JLV21, NST89, PMHC03, SBC17, VCP+16, YH18, LRG+91, SS89, TKM89, Wai87]. **Compute** [LSM+18, SR15]. **Compute-intensive** [LSM+18]. **Computer** [ACC+02, Ano18a, DB08, DMC91, Kuc94, MCE13, MGJS15, MB12a, PVG17, RJO22]. **Computers** [Bel94, GHC+17, HOZ06, MLdlP02, Ano87d, Gao86]. **Computing** [APR+18, ACD+16, Ano16b, Ano18b, Ano19, BE14, Car09, CTP13, CSF+20, CGPS18, CSTGL03, DDD+19, DFH17, Den94, DS20, FBV21, FKT12, GWYQ18, Gha19, HMF+13, HdMMK22, HK23, HDK24, HLS15, HS16, JM20, KJHB14, LLGC17, LRG14, MB12a, OATGEL15b, OG11, PLN+04, RLH14, SM09, SZ17, SWG+18, TG21, TRL09, TAY+12, TFPF18, VCP+16, WTZ+19, WTQ21, WSO+07, WGW04, YS22, YFC21, Zha10, ZZS+19, NK88, DB08].

Concatenation [Zey05]. **Concept** [KaM10]. **Concurrency** [BAF94, Gen16, PCJ20, SB90, VSH+11, WLWZ15, YZZ20, AD86, CP88, DM87, Pra86]. **concurrency/synchronization** [AD86]. **Concurrent** [Ano16c, AR16, CHSC18, GMP89, LWDL17, PB01, SBC17, TSS86, VVCA23]. **Condition** [NBN+15]. **Conditional** [LNG12]. **Conditions** [MJ02]. **Conference** [MCE13, PVG17, RJO22]. **Confidence** [KMG01]. **Configurable** [HL21, TRD21]. **Conflict** [CRM17, NBA13]. **Conflicts** [GG13, SD11, WS14]. **Conformance** [TLSG05]. **Congestion** [AAN+20, JLDF19]. **conjugate** [SDJS98]. **Connected** [DMC91, DWS16]. **Connection** [GH96, PW92]. **Connectionism** [Ano87b]. **Connections** [ALTT17]. **conquer** [MFC21]. **Conscious** [ZK07]. **Consecutive** [AKA+20]. **Consensus** [NAS23]. **Considering** [OPLS17, WMC98, XLWX19]. **Consistency** [BAP01, BBGM95, LNG12, SHZ+91]. **Consistent** [KS90, SH87, Swa88]. **Consolidation** [LVM16, XLWX19]. **Constant** [LMP98, MWES19]. **Constant-Time** [MWES19]. **Constrained** [BABW14, SHS21, VCP+16]. **Constraint** [MRLR16, JB98]. **Constraints** [AKD98, AF15, API03, BEJD21, BBR11b, RBES00, SWZ+15]. **Construct** [Spr92, FcF87]. **Constructing** [DWQ17, KP05, DPL86]. **Construction** [BNWL90, CP04, WR18]. **constructs** [BCK98]. **Consumption** [RSP20]. **Container** [DST21]. **Containers** [DK16, WP00]. **Contention** [Dem11, JQWG15, SMC94, SAL16]. **Contention-Aware** [JQWG15]. **Contention-Free** [SMC94]. **Context** [CJA00, IP90, Lan90]. **Context-free** [IP90, Lan90]. **Contexts** [JMSG02]. **Contraction** [SSP+96]. **Control** [AAN+20, AmWHM99, FM09, Gen16, Kas86, KHT21, MCA98, MJ02, NYHA14, RLK20, SKA96, SB90, VSH+11, YKM03, ZGH+15, FK87]. **Control-Flow** [KHT21]. **Controlled** [DJS12]. **Controller** [OBB+24]. **Controllers** [ANS+12, MFGEL19]. **controlling** [VR88]. **ControlPULP** [OBB+24]. **Converging** [BHL21]. **Conversion** [AmWHM99, SJBV06]. **Convex** [SS92, SSMO96]. **Convoider** [YZZ20]. **Convolutional** [HSM+24, WZG+17, YYYX20]. **cooperating** [NP98]. **Cooperation** [LCL19, PTdSF+12]. **Cooperative** [ANS20, AATD20, NdMCdMMW16]. **Coordinated** [Gen16, LLM16]. **Coordination** [BCS+09, CM06, GGV17, Sek09]. **Coprocessor** [BP17]. **Coq** [GHM14, LBT17]. **Core** [ABvK+13, AML+10, ABB+10, BKT08, CFC+19, GGV17, uHKAMFM16b, LHP+17, LZ17, MFU21, OBB+24, PMM+18, RPF18, SSEA14, SHLJ17, SMDJ19, SASH12, SA10, VMS15, WZTH13, Zha10, vNR11, BEJD21, CZ12, Ged13, HML+20, MXP14, NdMCdMMW16, QZP15, RC16, XWH21, uHKAMFM16a]. **Core-to-Core** [WZTH13]. **Cores** [Boh23, CTK+11, HG18, RTD20]. **Cores-Enabled** [Boh23]. **Correction** [AAI+20a, HTDL18, Moh19]. **Correctness** [HZL16, HMK09, SNB04]. **Correlated** [JW16]. **Correlating** [vNR11]. **Coscheduling** [FR95]. **Cost** [BDH+14, Jak19, VNU19, WS15, XLWX19, YZZ+19]. **Cost-Directed** [BDH+14]. **Costs** [TB23]. **Countering** [AAI+20b, AAI+20a]. **Coupled** [RWMF24, SS01, ZTY+19, Zey05]. **Coverage** [MAWD+16]. **Covering** [JLMW15]. **Covert** [WQJY17, YDV19]. **CovertInspector** [WQJY17]. **CPU** [BC15, FFS18, GGV17, GHC+17, LLGC17, LRG14, Moh19, NCR+19, PTdSF+12, SSB+17, SBC17, WE18, ZTY+19].

CPU/GPU [GGV17, SSB+17]. **Credit** [BHL21, YHGW16]. **Credit-Based** [BHL21, YHGW16]. **Critical** [SK97]. **Cross** [AM95, DSR17, WCC16, ZJG17]. **Cross-ISA** [WCC16]. **Cross-Platform** [ZJG17]. **Cross-Thread** [DSR17]. **Crypto** [MWES19]. **Cryptography** [Dam07]. **CSMqGraph** [CSF+20]. **CSP** [FcF87]. **CTA** [YHGW16]. **Cuckoo** [DS20]. **CUDA** [HLP11, HF14a, HF14b, KAMAMA17, LRG14, MGL+17]. **Curve** [Bos12]. **Custom** [MCFM12]. **Customization** [GSY+13]. **Customized** [ASG20]. **Cycle** [FCJV99, HZZS20, SAB11, TGT18, dMP+03]. **Cycle-Approximate** [TGT18]. **cyclic** [JB98]. **Czip** [HNC+16].

D [BC15, CTB14, ES11, HPVRPF15, HF14a, HF14b, IBA11, JGM15, LLGC17, LHP+17, SJKA99, fSxWC18, SBC17]. **D-Stacked** [LHP+17]. **DAFT** [ZLJA12]. **Daily** [Ano87c]. **DancerFly** [JDF20]. **Data** [APR+18, AKHD13, ABTZ00, Ano16d, AMKE18, ALPS19, AJF16, ANS+12, ALG+95, BARSW95, BS03, BBGM95, BG96, BCL17, CFB94, CAK17, CAT18, DDD+19, DM17, DC20, DTLW16, DMC+20, DX14, DFZ21, DLX+17, DJS12, EW96, EK17, ELGE16, FJA+18, FRT+18, FPCD14, GSP+17, GG14, GL18, GV99, GYL92, GB20, HSCI+16, HZZ+19, HRH08, HHW20, HP13, HGT+12, HTmG+12, HNC+16, IR19, KIT+20, KTF23, KP01, KP04, LSA+07, LTL15, LVM16, LT17, LSM+18, LWLG11, LHF+15, MXP14, MHL95, MCWK01, MTT15, NRR99, NP19, NAP02, NLRH07, OK99, PCJ18, PMHC03, RSA+18, RG15, RS90, Ric90, RSJ+14, SdLC21, SNB04, SS99, SL14, SQH92, SR04, SH15, SASH12, TESK06, TFMP97, TMXS24, VVCA23, WTZ+19, WSC20, WTQ21, WHC+24, WB87, WE18, WW17, XZT20, XH98, YAI95, YWW+19, YS22, YLB19, ZLA21]. **Data** [vdSGBW08, CG94, Gao86, Kas86, Win89]. **Data-** [LSM+18]. **Data-Analytics** [TMXS24]. **Data-Centric** [FPCD14, KP01]. **Data-Driven** [AMKE18, DTLW16, TESK06]. **Data-Flow** [Ano16d]. **Data-Intensive** [LWLG11]. **Data-Locality** [CAK17]. **Data-Obtaining** [XZT20]. **Data-Parallel** [AJF16, SQH92]. **Data-Sharing** [SNB04]. **Database** [SB90, STM15, VK88]. **Databases** [WZB+92]. **Datacenters** [BHL21]. **Dataflow** [BS15, CGPS18, CZTM03, Fea91, FBGEL19, JCW+18, LS98, NRB94, NG92, OGP+16, TB23, WGF+16, ZD19]. **Dataflow-Based** [JCW+18]. **Dataflow-Inspired** [OGP+16]. **Datapath** [SdLC21]. **Datasets** [MV17]. **Daytime** [fS18]. **DCF** [JCW+18]. **dCompaction** [PYX17]. **Deadlock** [LWDL17]. **Deanonymization** [GWHY19]. **Debugging** [BBGM95]. **Declarative** [KTF23]. **Decomposed** [WEJS94]. **Decomposition** [ADC+17, BUMS02, KKKS24, QZP15, YYYX20]. **Decomposition-Based** [QZP15]. **Decoupled** [ZLJA12]. **Deductive** [FG16]. **Dedup** [DCX+17, GHDF19]. **Deduplication** [DCX+17]. **Deep** [CLL21, FFS18, GVB+06, HZZ+19, MFC21, PVF21, QGT+19, WQZ+24, YZZ+19, ZJL22]. **DeeperThings** [SHS21]. **Defect** [OB13]. **Defend** [FDY+19]. **Defense** [YDV19]. **Define** [JACK20]. **Defined** [CSCL20, KWA+10, KIT+20, NSU22, RMH21, DM87]. **definite** [GHLN86]. **Definition** [OK99]. **Degree** [AK17]. **Delay** [BMA02, NST89]. **Delayed** [PYX17]. **Delta** [WHC+24]. **demand** [JK86]. **demand-driven** [JK86]. **Demonstrating** [ACC+02]. **Denotational** [Hud86]. **Dense** [KFC08, MVB+06]. **Dependence** [ABTZ00, DV97, GV95, KP04, MHL95, Mon97, NP19, SW95, YAI95, WB87]. **Dependences** [CDRV98, DSR17]. **Dependencies** [CH95, JB98]. **Dependency** [MWES19, WTZ+19]. **Dependency-Aware**

[WTZ+19]. **Dependent** [DFA+09, VMS15]. **Deployed** [AAN+20]. **Deployment** [PK20]. **Depth** [PTdSF+12, ZJL22, KR87, RK87, SJW22]. **Derivation** [MLdlP02, SO89]. **Derivative** [Boh23]. **Derived** [NFC+09]. **Deriving** [Wai87]. **Description** [ARB+05, MPR+05]. **Descriptions** [GmWHR98, KP05]. **Design** [ACD+14, AML+10, AR16, BC10, BDD+18, BS91, CHB06, CDC09, CZTM03, DMK21, FVvL+16, HLK+09, KHH08, KWA+10, KS97, LMHW18, MB99, MARC24, MWHS24, OGP+16, PG07, PP10, RK13, SSP+00, SY08, TLSG05, TKN+08, WLL+08]. **Designing** [BKK20, BKK23, SCB+14]. **Desktop** [GS13]. **Detailed** [LLGC17]. **Detect** [DS16]. **Detecting** [AKA+20, SW95]. **Detection** [CLJH16, CRM17, DV97, HPY01, HTDL18, Jan15, KSJ14, LFHAM19, MTT15, NSU22, NRGB17, fSxWC18, fS18, WLWZ15, YWW+19, YLB19, ZQT20, Tho87]. **Detection/Correction** [HTDL18]. **Determinism** [SÜCV17]. **Deterministic** [EVK22, PTD+06, ZC17]. **Developing** [CEH13, EHKT07, GHC+17]. **Development** [Dam07, TCUV14, dMP+03]. **Device** [GZJ18, MFGEL19]. **Devices** [AER+17, AGPGF14, Dam07, JQJ+16, KKKS24, SHS21]. **DFA** [KJHB14]. **Diagnosis** [GKC22]. **Diagnostics** [RC16]. **Diagonalization** [HOZ06]. **Difference** [Ger10]. **Different** [DMC+20, GWPV21, JCH+08]. **Differentiated** [AKT+14]. **Diffusion** [HF14a, HF14b, SDJS98]. **Digital** [GP17, RSP20, SS92, ZC09]. **Digital-Microfluidic** [ZC09]. **Dijkstra** [FBV21]. **Dimensional** [BARSW95, EHKT07, HDK24, LPB13, Fea92a, RG18, WLL17]. **dining** [RB86]. **Directed** [BDH+14, Hue97, Zha89]. **Directives** [AAB+16, HSCI+16]. **Discontinuous** [CF19]. **Discovery** [GHC+17, KSTF24]. **Discrete** [Dem11, PPQV16, SSB21]. **Disjoint** [SH15]. **Dispatcher** [SY08]. **Dispersion** [RSV+05]. **Distance** [BEP13, HGT+12, KAI20]. **Distributed** [AKA+20, BS03, BR14b, Boh23, CY14, CCL12, CR19, CHCL14, CSTGL03, DS97, DZW10, EK14, FSS06, FPCD14, FBGEL19, GHM14, GL95, HK23, HOZ06, JLJ+18, JAW17, KTF23, LWL+19, Lin91a, LHP+22, MP91, MMG04, MBE03, MVD+14, NIK00, OATGEL15b, OG11, PLN+04, PS23, SNB04, SW16, SB91, SHS21, TTF+08, TTMD23, qWlJzKhC17, WTL+23, WQZ+24, AH86, GS90, GT86, PW87, RB86, RS90, TKM89, Tho87, Sek09]. **Distributed-** [FBGEL19]. **Distributed-Memory** [BS03, TTMD23, qWlJzKhC17]. **Distributed-Order** [Boh23]. **Distributing** [HHW10]. **Distribution** [ALG+95, HSCI+16, NAP02, SSP+96]. **Distributions** [AKHD13]. **Divergent** [LVJ22]. **Divide** [MFC21]. **Divide-and-conquer** [MFC21]. **Divisible** [RSJ+14]. **DMR** [ZC17]. **DNN** [LCF21, WTL+23]. **Do** [Kuc94]. **DocChip** [TRD21]. **Document** [LKS+20, TRD21]. **Domain** [CB19, GF14, TFEK16, WL16, WK20, RK13]. **Domain-Based** [GF14]. **Domain-Specific** [WK20]. **Dominance** [Spr92]. **Dominating** [DWS16]. **Double** [KJPN10, LLM+12]. **Double-Precision** [KJPN10]. **Downsampling** [LTSD15]. **DRAM** [SJW22, WMN+17, ZLJ+17]. **DRAMSpec** [WMN+17]. **DRAMSys4.0** [SJW22]. **Driven** [AMKE18, CPMC96, DTLW16, GRC+14, RNJ+12, TOM+11, TESK06, VNU19, XH98, JK86, Kas86]. **Driver** [GZJ18]. **Drives** [YJY16]. **DRL** [CLL21]. **Drone** [MMD21]. **dRuby** [Sek09]. **DS** [GN20]. **DSM** [BAP01, MMG04, WLL+08]. **DSMs** [HTK98, KVG18]. **DSP** [SHK13]. **DSParLib** [LHP+22]. **Dual** [WS08]. **Dual-thread** [WS08]. **Duo** [BKT08].

Duplication [CKC22]. **Duty** [HZZS20]. **DVFS** [CKC22]. **DynaCo** [SMH21]. **Dynamic** [ABvK+13, CPG01, CR19, CS97, CML04, EWHS11, GAG22, Hue97, JK12, JM20, JCD+14, KCW+05, LSA+07, LTF+12, LSYG15, LCL19, LGY16, LMPS05, Lys08, MRLR16, MTT15, NBA13, NLRH07, OVA04, PDN21, PD89, PCJ20, PO07, PVF21, RSP20, RMH21, RD08, RRH03, SSNS16, SR04, SMH21, SJT13, TCUV14]. **Dynamically** [CHPC96, GMB+11]. **Dynamics** [ACC+02]. **DySHARQ** [RMH21]. **DyTO** [JM20].

Eager [SAL16]. **Early** [PYC16, TA99]. **EARTH** [HTZ+97, HMT+96]. **EARTH-MANNA** [HMT+96]. **Eat** [CHSC18]. **Economics** [LCL19, YBDJ17]. **Ecosystem** [RSA+18]. **Edge** [KKKS24, MMD21, SHS21, YFC21, ZQT20]. **Editor** [EA09, MA10, SS10, BCL90, Ano00a, Ano14, Ano16a, Ano16b, Ano16d, Ano16c, Ano18b, Ano18a, Ano19, Ano20, Ano21a, Ano21b, Ayg03, Ban94, Ban04a, Ban04b, Car09, Fur95, Gau96, Giv07, Giv08, Int98, JS06a, JS06b, Joe99, Joe03, Kes20, McK07, Mis09, NL23, Ora03, Pan08, Seh98, Vei01, Vei02]. **Editorial** [Ano86b, AG15, Bro19, CTP13, CAT18, DPT17, FKT12, FH05, GGE19, Gha19, GK18, Gre16, HK14, HSXH19, JACK20, LFL+17, LT17, MCE13, MGJS15, MGD+14, OG11, PP10, PVG17, RJO22, SGK12, SS10, TG21, TFPF18, ZZS+19]. **Editors** [SMM11, HF06, AM07b, CHS99, CmHS99, EmH97, FmH96, GSA08, GS05, HN94]. **Effect** [NPD89, BCK98]. **Effective** [CPMC96, HGT+12]. **Effectiveness** [GYP22, MHL95, PYC16, SBN03]. **Effects** [HRH08, TF96]. **Efficiency** [BBB+17, EGK23, KTBP18, STF+12, SWZ+15]. **Efficient** [ASS24, ABvK+13, BR97, BEP13, BCL14, BFG+10, CR19, CPT14, CL96, CKC22, EAT14, FPY08a, Fea92b, FVvL+16, GSP+17, GG14, GN20, GL18, GAK20, GS06, GRR98, GHC+17, GmWHR98, HZZ+19, IP90, IBA11, JGM15, KDV22, KP05, LNP91, LS05, LNG12, LWLG11, LMHW18, LWGZ18, NRR99, NdMMW16, QRW00, RPF18, RSP20, RLEJ19, Roy10, SRS06, SSNS16, SL14, SSP+96, SS23, SO89, SKAT91, SHC15, SHZ+14, SJT13, TTF+08, WZTH13, WQZ+24, XZX+15, YJY16, YLB19, Fea92a, Hua89]. **Efficiently** [EGJS15, HR11, JMSG02]. **Elastic** [GG13, YBDJ17]. **ElasticActor** [ZLC+19]. **Electronics** [GWPV21]. **Element** [MCT+18, RG15]. **Elements** [qWlJzKhC17]. **Eliminate** [KTT+99]. **Eliminating** [HTK98]. **Elliptic** [Bos12]. **Embedded** [Ano18a, Ano21b, AF15, CHB06, CFF+06, DLRS13, DLX+17, Giv07, Giv08, KTBP18, LMPS05, MSJ20, MCE13, MGJS15, MAB+11, Pan08, PP10, PVG17, PO07, PPEP08, RJO22, SSM21, TLSG05, TFEK16, TGT18, US05]. **Embedding** [Li03, CSG89]. **Emergency** [GAK20]. **Emerging** [HP13, JACK20, TG21, ZZS+19]. **Empirical** [CCG+14, LDHL05, PMV17, SSMO96, YYYX20]. **Employing** [CS97, KKKS24]. **Emulation** [OBB+24]. **Emulator** [WCC16]. **Enable** [HP13, ID08, TAY+12]. **Enabled** [Boh23, FKM+11, GZJ18, GSY+13, JACK20, MMD21, SAI+20, RA09]. **Enabling** [GZJ18, SdLC21, SMDJ19]. **Encore** [GTK+88]. **Encryption** [AAI+20b, KBD03, NdMMW16, AAI+20a]. **End** [LSHK09]. **End-to-End** [LSHK09]. **Endpoint** [JLDF19]. **Energy** [AVLV03, CPT14, CKC22, EAT14, FVvL+16, HYBA18, KAI20, LMHW18, Mar17, SSM21, SJT13, VCP+16, XLWX19]. **Energy-Aware** [Mar17, XLWX19]. **Energy-Constrained** [VCP+16]. **Energy-Efficient** [CKC22, EAT14, FVvL+16, LMHW18, SJT13]. **Engine** [BC15, RLK20, Gsc07]. **Engineering**

[CPT14, KaM10]. **Engines** [MCFM12]. **Enhanced** [ABASS12, FMSG17, GRAG00, RY20, RY22, RSJ+19]. **Enhancement** [AMP01, CYS16, HML+20, KP01, LCL17, SAI+20]. **Enhancing** [ACC+01, GYP22, MP95, SZH18]. **Ensembles** [ASW+15]. **Enterprise** [LVM16]. **Enumeration** [AG98, GL18]. **Environment** [AFM+06, AA15, BFG+10, DMMP18, MFG+08, QFRA19, SQH92, UWF+20, vdSGBW08]. **Environments** [BCS+09, BFRPVR+15, Car09, CCL12, CAK17, GWPV21, HHW10, HdMMK22, HK23, HDK24, KJHB14, LLM16, PCJ20, TTF+08, XLWX19, BCL90, Con88]. **Epidemic** [LEA15]. **Equation** [CTB14, ES11]. **Equations** [LM00, XOdFV+09]. **Equivalence** [AKBPV19]. **equivalences** [Mai87]. **Era** [AATD20, ABB+10, DX14]. **Erasure** [WHC+24]. **Erasure-Coded** [WHC+24]. **Erlang** [BDH+14, STB+18]. **Erratum** [Ano03, FLMR17a, HF14b, uHKAMFM16a]. **Error** [DFC+07, Moh19, ÖA21, RLK20]. **ESL** [GHR20]. **Estimating** [DMC+20, HGT+12, KK20]. **Estimation** [DKB+09, GHR20, KMG01, LPF16, LLL+15, MVD+14, TSS99, YYYX20]. **Evaluating** [AM95, BCK98, SCB+14, TF96]. **Evaluation** [AMAH01, BML+13, BS15, BEG+10, CCL12, CDC09, DMC+18, FC11, GBPK07, GWPV21, IPR+05, JGP+18, JCH+08, KHH08, LCL17, ME15, NRB94, NP19, OATGEL15a, PVAE98, SSMO96, TSB03, CSG89, LAV98, VK88]. **Even** [DCX+17]. **Event** [Dem11, PPQV16, RNJ+12, WZG+17]. **Event-Driven** [RNJ+12]. **Eviction** [GSP+17]. **Evolution** [ACD+16]. **Evolutionary** [ACD+16, HSM+24, MWHS24, PB01, STB+18]. **Evolving** [GKC22]. **Exact** [MAT23]. **Example** [SO89, Wai87]. **Exascale** [MAJD16]. **Exceed** [LS98]. **Exception** [FMSG17]. **Exceptions** [AHKR01]. **Executable** [LC11]. **Execute** [GYL92, BS89]. **Executing** [FCRC16]. **Execution** [AMKE18, BS15, BEJD21, BAF94, CHPC96, Col95, CSTGL03, CFF+06, DJS12, EAT14, FM09, GS06, GL95, JSHP97, KLG08, KGK20, LLL+15, LEG11, LCL17, Lys08, MFG+08, OGP+16, SNB04, SAS18, SB91, SBC17, TTF+08, Tic90, TF96, VVCA23, WE18, Ali86, Gol88, Kas86, KM86, SRV88]. **exemplified** [Tho87]. **Expansion** [BCC00]. **Experience** [Hal86, HmWHR97, RMG+13, SCB+14]. **Experiences** [CEH13, NP98]. **Experimental** [AFM+06, IPR+05]. **Experiments** [Hun87, NPT86]. **expert** [KM86]. **Explainable** [HSM+24]. **Explicit** [BP17, DMC+18, Ger10]. **Explicitly** [LMP98]. **Exploit** [ADC+17]. **Exploiting** [BS03, Gsc07, GL92, JG97, JLDS16, LS98, SASH12, VCP+16, YDV19]. **Exploration** [CZTM03, KWA+10, MSJ01, MWHS24, PMM+18, SEP08, WMN+17]. **Exploring** [AHKR01, FVvL+16, PG07]. **Exponentiations** [NdMM09]. **Expose** [GV95]. **Express** [GZJ18, JQJ+16]. **Expression** [AFO+08, Sca11]. **Extend** [DFA+09]. **Extended** [BG03, DDD+19, Sch92, YAI95]. **Extending** [ABB+10, ML15]. **Extensibility** [CB19]. **Extensible** [CP04, SHK13]. **Extension** [BG03, CFB94]. **Extensions** [API03, CZTM03, RSJ+19, SG00, TMXS24]. **external** [CSF+20]. **Extracted** [KP04]. **Extracting** [PJS+05]. **Extraction** [AER+17, JK12, LKS+20].

Fabrics [GBC+08]. **Face** [LYG+18]. **FACILE** [GMP89]. **Factor** [BTB+13, MXP14]. **Factorization** [DZW10, LKS+20, GN89]. **Failure** [GCD+03, Mai87]. **failures** [TKM89]. **Fair** [Lin91a]. **FAIRIO** [AKT+14]. **Fairness**

[FK87]. **False** [GMB95, MWES19]. **Family** [PVAE98]. **Farm** [EK14, JBB21]. **Fast** [BC15, CS16, HNC+16, JGP+18, JLMW15, Joh94, Ken01, KT01, NIK00, RGB+08, SMC94, SHLJ17, TA99, WZTH13, XZT20]. **Fast-Fits** [Joh94]. **FastFlow** [TTMD23, TRB+24]. **Fault** [AKHD13, CJS21, DFZ21, EAT14, GWYQ18, GJR09, Gha19, HTDL18, LJ09, MEP07, NAS23, NRR99, WGF+16, ZLJA12]. **Fault-aware** [MEP07]. **Fault-Management** [GJR09]. **Fault-Model-Relevant** [NAS23]. **Fault-Tolerant** [DFZ21, EAT14]. **Faults** [LG10]. **Faulty** [BB90]. **FEADS** [PG07]. **Feature** [CS20, SAS18]. **Features** [PYC16, Zha10]. **Feel** [NLBB23]. **Fences** [HVF18, LNG12]. **Ferret** [GHDF19]. **Fetch** [HCEP98, MSJ01]. **Fetching** [NG92]. **FFNNs** [SDH22]. **Field** [QZP15]. **File** [ALTT17, AVLV03, CND95, KK11, Mar09, ZLAV04]. **Fill** [BMA02]. **Filter** [HSM+24]. **Filtering** [JCW+18]. **Filters** [MKAP05, WdSAM+17]. **Find** [CAP88, KP95]. **Finding** [KLK16]. **Fine** [BG96, CTK+11, DV97, GL92, PSM97, SDH22, SZH18, WTQ21]. **Fine-** [PSM97]. **Fine-Grain** [BG96]. **Fine-Grained** [CTK+11, GL92, SDH22, SZH18, WTQ21]. **Finite** [BR97, Ger10, MCT+18, RG15]. **First** [GAR+16, KS90, MKAP05, KR87, RK87]. **First-Level** [MKAP05]. **Fish** [WMK19]. **Fits** [Joh94]. **Fix** [HZZ+19]. **fixed** [Ano86a]. **Fixpoints** [Ano87c]. **Flat** [FT87, TSS86]. **Flexible** [ELK18, KHH08, KKZN12]. **Flight** [SI11]. **Float** [HZZ+19]. **Float-Fix** [HZZ+19]. **Flow** [Ano16d, AmWHM99, BG96, FM09, GG14, GYL92, GV95, KHT21, KSBN22, KTF23, MCA98, MJ02, NRR99, SBN03, Gao86, RS90]. **Flower** [MSJ20]. **Flows** [YKM03]. **Fly** [JDF20, KSJ14]. **Flying** [LCT+20]. **FOG** [SHLJ17]. **FORAY** [ID08]. **Forecast** [BBB+17]. **Forecasting** [MMD21]. **Forensics** [ZXY+15]. **Forest** [YWY+18]. **ForestGOMP** [BFG+10]. **Foreword** [BmH98, NS97a]. **Fork95** [KS97]. **Form** [CB01, TG05]. **Formal** [BdS07, KP05, LMPS05, MP91]. **Formalised** [GGV18]. **Format** [ASS24]. **Formats** [Mar09]. **Fortran** [KaM10, NLBB23]. **Fortress** [ASS21]. **Forwarding** [CLJH16]. **Forwarding-Based** [CLJH16]. **Four** [TSS99]. **Fourth** [BP17]. **Fourth-Order** [BP17]. **FP** [BARSW95]. **FPGA** [BETK24, KJPN10, MCFM12, OBB+24, SCS23]. **FPGA-Accelerated** [BETK24]. **FPGA-Based** [MCFM12, OBB+24]. **FPGAs** [STM15, VNU19]. **Fractal** [MP04, SC88]. **Fractional** [Boh23, JLMW15]. **Framework** [ASW+15, ASS21, AmWHM99, BKK20, BKK23, BFS05, CP04, CHB06, CB19, DKB+09, EWHS11, EHKT07, FJA+18, GWYQ18, GHR20, JK12, KHH08, KKSP18, LFHAM19, MGL+17, PG07, SHLJ17, SW16, SBC17, SJW22, TLSG05, TRL09, VFIN12, YWW+19, ZGH+15, ACD+14, LP94]. **Frameworks** [Ano19, DX14, OP10, WTZ+19, WTQ21]. **Free** [AR16, FLD15, LFD17, MARC24, PMM+18, SMC94, Sun11, WTL+23, IP90, Lan90]. **Friendly** [HZZ+19, OOR13]. **Frontiers** [Ano16b, CTP13, FKT12, TFPF18]. **FSI** [HAA+11]. **FT** [CFX+20]. **FT-2000** [CFX+20]. **Full** [AK90a, GZJ18, MVD+14]. **Fully** [LF15, SHS21]. **Functional** [ADC+17, ACC+01, AJF16, BARSW95, BFS05, GMP89, GS06, Hud86, KH18, Mat17, PC13, Gol88, Wai87]. **Functions** [ACC+01, CFF+06, DMC+18, SNS21]. **Fusion** [EM14, Ken01, LZ17]. **Fuzzy** [GE90, KK20].

Galerkin [CF19]. **Games** [CYS16]. **Garbage** [Cra88, Fos89, LWLG11, AH86]. **Gateway** [AML+10]. **Gaussian** [MVB+06].

GCC [FKM+11]. **GCD** [ABSSS19]. **GCM** [GHM14, MSPR18]. **Gemini** [OXL+17]. **Gene** [AFO+08, MSA+07]. **Gene/L** [MSA+07]. **General** [DDJ+18, IP90, IH04, WP00, SS89]. **General-Purpose** [WP00]. **Generalization** [PMV17, WW17]. **Generalized** [GYL92, FcF87]. **Generate** [MGW99, BS89]. **generate-and-test** [BS89]. **Generated** [JCD+14, MCA98]. **Generating** [AK17, ALTT17]. **Generation** [BTB+13, BEJD21, CL96, Dar05, JW16, MPR+05, QRW00, SR90, SSB+17, TFEK16, qWlJzKhC17, WK20]. **Generator** [CPL+10, EVK22]. **Generic** [BJM20a, GJK+05, GW19, MAT23, MCT+18, SM16, ZJL22]. **Genetic** [AMAH01, BM09, GKC22, MB12b, SO89]. **Genome** [BEA+19, OOR13]. **geometric** [SS89]. **Ghost** [MS11, KTRZ+17]. **Girth** [WS15]. **Given** [AK17]. **Glacial** [AW98]. **GLE** [DCX+17]. **GLE-Dedup** [DCX+17]. **Global** [AH86, LLSS03, PPQV16, RBES00, TAY+12]. **Globally** [DCX+17, TV15]. **Globally-Locally** [DCX+17]. **GMM** [fS18]. **Good** [YBDJ17]. **GOP** [SSEA14]. **GPGPU** [AAB+16, BCL14, BCL17, CBR17, STF+12, YZ13, YHGW16]. **GPGPUs** [LMHW18]. **GPI** [HKJ+18]. **GPS** [HVF18]. **GPU** [BC15, Boh23, BC10, CDDM18, CTB14, DK16, DMMP18, DMC+18, FRT+18, FJZ+15, GLLH17, GGV17, GG13, Hen21, KLK16, LVJ22, LRG14, LTF+12, LLW+17, LEG11, LAD15, LFHAM19, Moh19, MGL+17, NCR+19, OOR13, OATGEL15a, PTdSF+12, PHS19, PES+18, RSA+18, SI11, SF20, SLZB13, SJC18, SSB+17, SBC17, SFAG14, SK14, VVCA23, WdSAM+17, WR18, WE18, WK20, ZYOY13, ZHF+19, ZD19, ZTY+19]. **GPU-Accelerated** [DMC+18, SBC17]. **GPU-Based** [DK16, VVCA23, BC10, OATGEL15a]. **GPU-Friendly** [OOR13]. **GPUs** [GL18, HLP11, JLDS16, KSBN22, KGK20, KPS14, LS20, MAWD+16, MS11, MNN22, QGT+19]. **Grabbing** [Sun11]. **gradient** [SDJS98]. **GrADS** [BCC+05]. **Grain** [BG96, DV97, NRB94, NIO+03, PSM97]. **Grained** [CTK+11, CSF+20, GL92, SDH22, SSM21, SZH18, WTQ21, WW17, AD89]. **Grammar** [MO91]. **Grammars** [PW92]. **Granularity** [PSM97, ZLC+19]. **Graph** [ASS24, BCL90, CBR17, CSF+20, CZTM03, GAR+16, GWHY19, GP94, HKJ+18, HSXH19, JK12, KSF+18, KTF23, PS23, SHLJ17, SMDJ19, SSP+96, Spr92, TH17, WZB+92, ZHF+19, GZ87, HKJ+18]. **Graph-Based** [KTF23]. **Graphical** [RG15]. **Graphics** [CPP+12, JGM15, SAB11]. **Graphs** [DV97, Hue97, KPRS96, KSTF24, LPF16, MXP14, OP10, OB13, PVF21, Zha89]. **Graphs*** [EKU22]. **GraphTango** [ASS24]. **Greedy** [AT91, Ken01, Sun11]. **Grid** [BFRPVR+15, MMD21, SASH12, WL16, AFM+06, BBC07, BCC+05, SR04]. **Grid-Based** [WL16]. **GridFOR** [WL16]. **Grids** [HP13, LLL+15, JS06b]. **Gröbner** [Sch92]. **Group** [KSA+18]. **Groups** [BBC07]. **GrPPI** [BJM20a]. **Guaranteed** [MEP07]. **Guarded** [GYL92]. **Guards** [GYL92]. **Guest** [AG15, Bro19, CTP13, CAT18, DPT17, EA09, FKT12, GGE19, GK18, Gre16, HK14, HF06, HSXH19, JACK20, LFL+17, LT17, MCE13, MGJS15, MGD+14, MA10, OG11, PP10, PVG17, RJO22, SMM11, SGK12, SS10, TG21, TFPF18, ZZS+19, Ano00a, Ayg03, AM07b, Ban04a, Ban04b, Car09, EmH97, FmH96, Fur95, GSA08, Gau96, GS05, Giv07, Giv08, HN94, JS06a, JS06b, Joe99, Joe03, Kes20, McK07, Mis09, NL23, Ora03, Pan08, Seh98, Vei01, Vei02]. **Guided** [MTT15]. **GVirtuS** [MGL+17].

H [Roy10]. **H-NMRU** [Roy10]. **Hadoop** [LSM+18, Mat17, NRGB17, RSA+18]. **Halo**

[PHS19]. **Handle** [ELGE16]. **Handling** [DFC+07, FMSG17, HHW20, IR19, RBES00]. **Hard** [FJO+16]. **Hardware** [AVM+16, CHSC18, CPMC96, GP17, GV99, HZZ+19, HSM+24, HL21, KT01, KTBP18, Lys08, MSA+07, NdMM09, NdMMW16, OBB+24, OXL+17, OPLS17, PMM+18, RMH21, SWZ+15, SD11, SH15, STM15, TRD21, WS14, YDV19, ZLAV04, vNR11]. **Hardware-Agnostic** [AVM+16]. **Hardware-Aware** [HSM+24]. **Hardware-Based** [CPMC96, KT01]. **Hardware-Efficiency** [KTBP18]. **Hardware-Friendly** [HZZ+19]. **Hardware-In-The-Loop** [OBB+24]. **Hardware-Managed** [RMH21]. **Hardware-Supported** [SD11]. **Hardware/Software** [GV99, Lys08, OPLS17, SWZ+15, STM15]. **HARE** [JLDF19]. **Harsh** [GWPV21]. **Hash** [AR16, CHSC18, LFD17]. **Health** [AAN+20, GKC22]. **Healthcare** [DC20]. **Heap** [GH96, LLM16, AH86]. **Heap-Based** [LLM16]. **Heat** [LYG+18]. **Height** [ABASS12]. **Helper** [ZGH+15]. **Helping** [Sun11]. **Henderson** [Swa88]. **Heterogeneity** [TMXS24]. **Heterogeneity-Aware** [TMXS24]. **Heterogeneous** [AER+17, ANS20, Ano21a, AMKE18, ABB+10, BEA+19, Bro15, Bro19, BJM20b, ELK18, EAK21, EVK22, EGK23, GAG22, GGV18, GMB+11, GHR20, HdMMK22, HK23, HDK24, HtBK+10, HHC+15, KTRZ+17, LLGC17, LSYG15, LS05, MMN15, Mar17, MFGEL19, NCR+19, OATGEL15b, OP12, OPLS17, PGLC+18, PHS19, PVF21, SSM21, SEP08, WLL17, XWH21]. **Heuristics** [KPS14, CSG89]. **HEVC** [WdSAM+17]. **HICOR** [GK94]. **Hierarchical** [Bro15, GP94, MV17, NN95, PG16, SSMO96, WSS18]. **Hierarchically** [PPEP08]. **Hierarchies** [GVB+06]. **Hierarchy** [MCWK01]. **High** [APR+18, Ano16a, Ano19, ASG20, BE14, BETK24, BCS+09, BCL17, BS07, Bro15, Bro19, Car09, DPT17, DFH17, DB08, DST21, EAK21, GWYQ18, GGE19, GBLG10, Gha19, GK18, GJK+05, Gre16, GHDF19, GE90, HG18, HK14, Jan15, KP05, KTRZ+17, KJPN10, LPB13, LQWP10, LWP04, MB12a, dMMHdLN21, MSPR18, NFC+09, NSU22, NdMM09, NL23, OXL+17, PGLC+18, SH96, SAL16, SCB+14, SS23, TFEK16, TTF22, TGT18, WCC16, WMN+17, WGW04, WK20, YZ13, YBRM14, ZLA21, Ano21a, Kes20]. **High-Level** [Ano16a, Ano19, BETK24, Bro15, Bro19, DPT17, EAK21, GGE19, GK18, Gre16, GHDF19, HG18, Jan15, KP05, LQWP10, dMMHdLN21, SH96, SS23, WMN+17, HK14, TTF22, Kes20, Ano21a]. **High-Performance** [APR+18, Ano19, GWYQ18, Gha19, GJK+05, LPB13, MB12a, NdMM09, PGLC+18, WCC16, WGW04, WK20, YBRM14, ZLA21, DST21, OXL+17]. **High-Productivity** [BCS+09]. **High-Scalability** [BS07]. **higher** [NPD89]. **higher-order** [NPD89]. **Highly** [TAY+12, XZX+15]. **Highly-Scalable** [TAY+12]. **Historical** [TRD21]. **History** [BEA+19, CEP97, JLDF19, LJ08, LLSS03, uRHH14]. **History-Aware** [JLDF19]. **History-Based** [BEA+19]. **Hitachi** [TSB03]. **HitFlow** [FBGEL19]. **HLFET** [PIP18]. **HLPGPU** [Bro15]. **HLPP** [Ano16a]. **Home** [WLL+08]. **Homogeneous** [MMN15]. **Homomorphisms** [LBT17, RG18]. **horizontally** [CB86]. **Hotspotting** [Ano86c]. **HP** [IPR+05]. **HPC** [CAK17, CAT18, EAK21, HLK+09, JQJ+16, JQWG15, LLM+12, LFL+17, MAT23, NAS23, OBB+24, YS22]. **HSDC** [DFZ21]. **HW** [KBG+08]. **Hybrid** [ASS24, AOAM21, ADC+17, BC15, CTB14, Cza17, DMMP18, EK14, FBGEL19, HSCI+16, HBC23, JQJ+16, LFL+17, LRG14, MMD21, RY20, RY22, RRH03, SR15, VSH+11, WHC+24, YWW+19, YLB19, ZLJ+17]. **Hybridization** [DS20]. **Hydrodynamics**

[Zey05]. **Hypercube** [CSG89, DPS90, GE89, NK88, Wai87]. **Hypercubes** [BB90]. **HyperFatTree** [SWF+17]. **Hypergraph** [CND95]. **Hypergraph-Based** [CND95]. **Hypersequential** [UKT00]. **Hyperspectral** [CS20, LFHAM19]. **Hyperthreading** [HRH08].

I/O [AKT+14, CSF+20, MG15]. **ICCG** [IS03]. **IDE** [HLK+09]. **Identification** [BR14a, FR95, OP12, PYC16, WQJY17]. **Identifying** [DM20]. **Identity** [JGP+18]. **IEEE** [RJO22]. **If** [AmWHM99]. **If-Conversion** [AmWHM99]. **iGridEdgeDrone** [MMD21]. **II** [Fea92b, KR87]. **ILP** [SKA96]. **Image** [AM95, KBD03, RSK09, TRD21, YWY+18]. **Imagery** [CS20]. **Images** [DPS90, KSA+18, LFHAM19, SSB21]. **Immune** [MB12b]. **Immune-based** [MB12b]. **Impact** [BE14, KLG08]. **Imperative** [GM20, Jak19]. **Imperfectly** [AMP01]. **Imperfectly-Nested** [AMP01]. **Implementation** [AM95, AML+10, CGJK95, CDDM18, DMMP18, ES11, GP17, GH89, HAA+11, JSS+15, JLMW15, KS97, LS91, LWP04, MXP14, NdMMW16, NSS12, OGP+16, OXL+17, PB01, PC13, RG18, RSV+05, SM16, Sek09, SKG09, SY08, WLL+08, WPC07, WS15, YZ13, ZQT20, ACD+14, GTK+88, TSS86, RK87]. **Implementations** [AJF16, BS07, BEG+10, DE00, HPVRPF15, MWES19, Moh19, NdMCdMMW16, TSS99]. **Implemented** [MLdlP02]. **Implementing** [BAP01, Mil88, SPS14, SFAG14]. **Implications** [NP01]. **Implicitly** [AHKR01, LEA15]. **Important** [Ano86d, Ano92]. **Improve** [CHPC96]. **Improved** [EKU22, KSF+18, LYL14]. **Improved/Optimized** [EKU22]. **Improving** [CHYP96, CEP97, GSY+13, JLJ+18, JHLM01, LWL+19, MCWK01, PJS+05, PMV17, RTD20, RSJ+14, SBN03, SA10, XH98]. **In-Depth** [ZJL22, SJW22]. **In-Loop** [WdSAM+17]. **In-Memory** [WTZ+19, WTQ21]. **Inaccuracy** [JJIL15]. **Incoherent** [TGT18]. **Incorporating** [AK96]. **Increased** [KP04]. **Increasing** [HCEP98]. **Incremental** [CP04, XZX+15]. **Independent** [EW96, FSS06, Ken94, SH96]. **Index** [GFL00]. **Indexes** [YJY16]. **Induced** [LG10]. **Industrial** [BR14a, FJO+16]. **Inference** [PVF21, SHS21]. **Inferential** [RKG04]. **InfiniBand** [LWP04, QA11]. **Infinite** [FLMR02, KPRS96]. **Information** [AFM+06, BE14, NRR99]. **Infrared** [YWY+18]. **Infrastructure** [BML+13, CEH13, EM13, SLZB13, UWF+20]. **Infrequent** [ASG20]. **Inheritance** [Tho87]. **Initial** [AW98, HmWHR97, TKM89]. **Initializing** [Hem89]. **Inlining** [GYP22, LkCH94]. **Input** [SLZB13]. **Input-Sensitivity** [SLZB13]. **Inspired** [KPS14, Mis09, OGP+16, CSCL20]. **Instability** [DKB+09]. **Instability-Estimation** [DKB+09]. **Installation** [CCG+14]. **Instruction** [AHKR01, API03, BMA02, BR97, CSC+00, CZTM03, HCEP98, JLDS16, LZ17, MP95, MSJ01, NN95, OVA04, RD08, SBN03, Tou05, TF94, VHK+18, CMW+94, NP98]. **Instruction-level** [NN95]. **Instruction-Set** [API03]. **Instrumentation** [AVM+16, LSA+07]. **Integrated** [CPL+10, FRT+18, GV99, KKZN12, MFU21]. **Integrating** [DTLW16]. **Integration** [GMP89, LLM+12, PSM97, dMP+03]. **Integrity** [KHT21]. **Intel** [BKT08, BP17, Cza17, RSJ+19]. **Intelligence** [GKC22, dMMKdLN22]. **Intelligent** [MMD21]. **Intel(R)** [BGGT02]. **Intensive** [DDD+19, LWLG11, RSJ+14, LSM+18]. **Inter** [GAR+16, KTT+99]. **Inter-Node** [GAR+16]. **Inter-Processor** [KTT+99]. **Interaction** [AHKR01, FJA+18, GGV18].

Interactions [MHCF98]. **Interactive** [SJKA99]. **Interchangeably** [DJR16]. **Interconnect** [GBPK07]. **Interconnection** [MANR09]. **Interconnects** [RA09]. **Interesting** [VRGC19]. **Interface** [DGMP09, GZJ18, HKJ+18, HTDL18, KBG+08]. **Interfaces** [KKZN12]. **Interference** [CEP97, TMXS24]. **Interference-** [TMXS24]. **Intermediate** [CFB94, GP94, GBC+08]. **Internal** [FWH+94]. **Internat** [Swa88]. **International** [Ano21b, DB08, MCE13, PVG17, RJO22, SS10]. **Internet** [HZZS20, JACK20, KIT+20, KAI20, MMD21, PYC16, PCJ18, SAI+20]. **Interpolation** [DMC+18, DMC+20]. **Interpreter** [KGK20]. **Interprocedural** [CAZ02, CI96, GH96, HPY01, LkCH94]. **Interprocess** [CMW90, MO91, MO90]. **Interprocessor** [CH95]. **Interruptible** [TB23]. **Interval** [RWMF24, US05]. **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, FmH96, Fur95, GSA08, Gau96, Giv07, Giv08, HmWHR97, HF06, JS06a, JS06b, Joe99, Joe03, LY98a, LY98b, McK07, MPZ06, Mis09, MA10, Ora03, Pan08, Pin95, Pin99, SMM11, Seh98, Vei01, Vei02]. **Introspection** [WHC+17]. **Introspection-Based** [WHC+17]. **Intrusion** [NSU22, NRGB17, YWW+19]. **intrusive** [ZXY+15]. **Invalidate** [BAP01]. **Invasive** [SR15]. **invented** [Par86b]. **Inverse** [fSxWC18]. **Inversion** [ABSSS19, KMG01, MMN15, SMM94]. **Investigating** [MWHS24]. **Investigation** [SdLC21]. **IOT** [GAK20, AAN+20, AATD20, DMC+20, FJA+18, UWF+20]. **IP** [AML+10, CSD21, LSHK09]. **IP-PBX** [AML+10]. **IP-PBX/VoIP** [AML+10]. **Irregular** [ACC+01, GF14, LLW+17, MCWK01, NST89, TB23]. **ISA** [MP95, WCC16]. **Isomorphic** [Ano87d]. **Issue** [Ano16b, Ano18b, Ano18a, Ano19, Ano21a, AM07b, Bro19, Car09, DB08, GSA08, Gha19, Giv07, Giv08, HSXH19, JACK20, MCE13, MGJS15, MB12a, Mis09, ORJ24, Pan08, PP10, PVG17, RJO22, SS10, SZ17, TFPF18, WNMW16, ZZS+19, JS06b, TG21, Ano21b, BmH98]. **Issues** [Bel94, NS97a]. **Itemset** [ASG20]. **Iteration** [HF14a, HF14b]. **Iterative** [MS11, PDN21, Rau96, ZHF+19]. **Iterator** [GS11].

J [Swa88]. **Jacobi** [HOZ06]. **Jacobians** [BUMS02]. **Java** [AHKR01, FSS06, JQJ+16, JMSG02, KF99, SS23, WGW04, WP00]. **Job** [LLL+15, NSS12, WW17]. **Join** [RK92, RBR22]. **Joint** [HOZ06]. **journal** [Ano86b]. **JPEG** [SEP08]. **Just** [SA19].

kD [STF+12]. **kD-tree** [STF+12]. **Kernel** [LYG+18, NLBB23, VVCA23, ZYOY13]. **Kernelized** [WCC16]. **Kernels** [KDV22, SSB+17, WSO+07]. **Key** [LKS+20, PZL+19]. **Keyword** [SNS21]. **knapsack** [LS92]. **KNMF** [LKS+20]. **Kutta** [BP17].

L [MSA+07]. **Lab** [ZC09]. **Lab-on-Chip** [ZC09]. **Labeling** [SH87, Swa88]. **LACross** [ZJG17]. **Lagrangian** [RSV+05]. **LALP** [MCFM12]. **LALR** [BNWL90]. **Landing** [MSJ20]. **Landslide** [WSC20]. **Language** [ARB+05, BARSW95, BCL17, CFB94, FCZ16, Fos89, GS06, Hud86, KS97, MCFM12, MPR+05, SM09, TFEK16, WL16, WK20]. **Languages** [Ano19, CK02, FMSG17, Lan90, PS92, NPD89]. **Laplace** [CTB14]. **Large** [Cza17, GL18, HC17, HR11, HKJ+18, KKZN12, LTSD15, LSA+07, LWGZ18, SGJ+03, SWF+17, WW17, XZT20, ZWJK05]. **Large-Scale** [HC17, KKZN12,

LWGZ18, SWF+17, WW17]. **Latency** [AK96, Bos12, HZL16, JG97, LSHK09, MEP07]. **Lattice** [HLP11, SMN09, SKG09]. **Launcher** [NLBB23]. **law** [Ano87a, PM07]. **layer** [OATGEL15b]. **Layered** [Tic90]. **Layout** [SASH12]. **Lazy** [CRM17]. **LCS** [GSP+17]. **LDPC** [SF20]. **LEACH** [KAI20]. **Leaks** [JGP+18]. **Learning** [CR19, CLL21, CDDM18, DS16, FFS18, FKM+11, HBC23, MAWD+16, ÖA21, PVF21, WQZ+24, ZJG17, ZD19, ZJL22]. **Learning-Based** [ZJG17]. **Leases** [CM06]. **least** [Ano86a]. **Left** [MP04]. **Legacy** [JBB21]. **Legal** [KP95]. **Length** [EM14, VHK+18]. **Lessons** [Hal86]. **Level** [AG06, Ano16a, Ano19, BETK24, BCL17, Bro15, Bro19, DPT17, EAK21, GGE19, GBLG10, GK18, Gre16, GHDF19, HG18, HTDL18, Jan15, JF21, KP05, LLW+17, LQWP10, dMMHdLN21, MHCF98, MKAP05, NL23, SSP+00, SSEA14, SH96, SS23, SÜCV17, SMM94, SASH12, Tou05, WMN+17, XOdFV+09, YWW+19, ZLJ+17, BC10, HK14, NN95, TTF22, WS08, Kes20, Ano21a]. **Levels** [Gsc07]. **Leveraging** [LTL15]. **LH** [CS16]. **Libraries** [GJK+05]. **Library** [BBR11a, LCF21, LAD15, LHP+22, MFGEL19, SÜCV17, YKLD17, YBRM14]. **Life** [YYYX20, Ano87c]. **Lifetime** [SZH18]. **Light** [CM06]. **Light-Weight** [CM06]. **Lightweight** [GKC22, PZL+19]. **Like** [NLBB23]. **Limit** [KEKK16, LS98]. **Limited** [JMSG02, uHKAMFM16a, uHKAMFM16b, GT86]. **Limits** [SS99]. **Line** [SR90, TFMP97, ZC09]. **Linear** [CCG+14, CBR17, CJS21, DWS16, FLMR02, HKJ+18, JLMW15, KS90, KFC08, KTRZ+17, LDHL05, MP04, SMM94, Gao86]. **Link** [STB+18]. **Linked** [HGT+12, HTmG+12, vdSGBW08]. **Links** [NIK00]. **List** [AF15, DS97, EM14, LBT17, SL14, vdSGBW08]. **List-based** [SL14]. **Literature** [IR19, dMMKdLN22]. **Live** [DST21, WHC+17, ZXY+15]. **LLVM** [RMG+13]. **Load** [ASW+15, BG96, EWHS11, JK03, MMD21, RLH14, RSJ+14, YHGW16]. **Load-Balance-Aware** [YHGW16]. **Load-Store** [BG96]. **Loads** [AZK+18]. **Loads/Stores** [AZK+18]. **Local** [LLSS03, LYG+18]. **Locality** [AMP01, AAB+16, BE14, CAK17, JG97, KP01, LVJ22, LS98, LM00, PMHC03, Won02, XH98]. **Locality-Aware** [AAB+16]. **Localization** [GWYQ18, OB13]. **Locally** [DCX+17, SNB04, TV15]. **Location** [YFC21]. **Location-based** [YFC21]. **Lock** [AR16, MARC24, ZLD15]. **Lock-Free** [AR16, MARC24]. **Locking** [YLB19]. **Log** [Mar09]. **Logic** [AR16, AVPG00, KBD03, Lin91a, SAB11, BH87, Con88, Kas86, SRV88, Tin88]. **Logic-Based** [KBD03]. **Logical** [GZJ18, LWF+19]. **Look** [MP04, NLBB23]. **Loop** [AMP01, CL96, DH00, GVB+06, GMB95, GL95, HC17, IKN00, KDV22, LSL94, LCL17, NG92, OBB+24, RAP95, WdSAM+17, WMC98, YAI95, LP94]. **Loops** [Col95, GL95, MS11, MJ02, OGP+16, QRW00, Sar01, TFNG09, WLL17, Wol86, YKM03, LAV98]. **Loosely** [LLM16]. **Loss** [AAN+20, HZL16]. **Lossless** [HNC+16]. **Lossy** [SAI+20]. **Low** [Bos12, FVvL+16, HZL16, NBN+15, PO07, RSP20, Roy10, SAI+20, SWF+17, YZZ+19]. **Low-Latency** [Bos12]. **Low-Power** [NBN+15, PO07]. **Low-Radix** [SWF+17]. **LSA** [UWF+20]. **LSH** [RBR22, TRB+24]. **LSM** [PYX17]. **LSM-Tree** [PYX17]. **LTE** [LF15].

M [FKD+97, KHT21]. **M-Machine** [FKD+97]. **Machine** [CHPC96, CZ12, CDDM18, DS16, FKD+97, FKM+11, GmWHR98, HHW10, HBC23, JQWG15, LVM16, MPR+05, ÖA21, SHZ+14, XLWX19, ZD19, Ali86, GS90, Ken94, PW92]. **machine-independent** [Ken94]. **Machines**

[ABASS12, BJM20b, Den94, EGJS15, KTBP18, MGL+17, NG92, ZWJK05, SDJS98]. **Macro** [GG14]. **MAI** [GN20]. **Main** [SZH18]. **Mainstream** [DMK21]. **Maintained** [SNB04]. **maintaining** [DPL86]. **Malicious** [CLJH16]. **Managed** [RMH21]. **Management** [ANS20, AGPGF14, CSF+20, GJR09, HRH08, Joh94, MARC24, PHS19, SL14, SMH21, VFIN12, YJY16, ZLJ+17, JK86]. **Manager** [BEA+19]. **Managers** [Dem11]. **Managing** [ANS+12, RNJ+12, TFMP97]. **Manipulator** [BUMS02]. **MANNA** [HMT+96]. **Manual** [NAP02]. **Many** [CTK+11, CFC+19, HG18, uHKAMFM16a, uHKAMFM16b, LHP+17, LZ17, MFU21, NdMCdMMW16, OBB+24, PMM+18, PHS19, QZP15, SASH12, SA10, XWH21, vNR11]. **Many-Core** [CFC+19, uHKAMFM16b, LHP+17, LZ17, MFU21, OBB+24, PMM+18, SASH12, SA10, vNR11, NdMCdMMW16, XWH21]. **Many-Cores** [CTK+11, HG18]. **Many-Field** [QZP15]. **Many-Task** [PHS19]. **Manycore** [HMF+13, RSJ+19, SMH21]. **Map** [FBV21, LFD17]. **Map-Reduce** [FBV21]. **Mapping** [CKC22, HtBK+10, MEP07, RGB+08, SDJS98, LRG+91, NK88, PW87]. **MapReduce** [IR19, LSYG15, LHL+16, LXL17, MM16, Mat17, RBR22, SHC15, VCP+13, WW17, ZC17]. **Massey** [Moh19]. **Massive** [EKU22]. **Massively** [CYS16, HP13, KGK20, LTF+12, WQZ+24]. **Matching** [OOR13, RWMF24, Sca11]. **MATLAB** [MGW99, SM09]. **Matrices** [LPB13, LTSD15, SDL17, LP94]. **Matrix** [BBR11a, CFC+19, CFX+20, DZW10, JLV21, uHKAMFM16a, uHKAMFM16b, KJPN10, LHLT19, LKS+20, MMN15, MGW99, SMM94]. **Maximal** [BCC00]. **Maximizing** [BG17]. **Maximum** [Gao86, KSBN22]. **MC** [GN20]. **MC-DS-CDMA** [GN20]. **MCP** [PIP18]. **Mean** [AK96]. **Means** [LKS+20]. **Measure** [KKSP18]. **Measurement** [WSC20]. **Measurements** [JJIL15]. **Measures** [Cza17]. **Mechanism** [ANS20, CHYP96, EM14, FFS18, GMB06, Sek09, SHC15, WTZ+19, WTQ21]. **Mechanisms** [GBPK07, Gen16, NAS23, MO90]. **Media** [LJ09]. **Mediate** [BBB+17]. **Medical** [HZZS20]. **Medium** [DV97, NRB94]. **Medium-Grain** [NRB94]. **Meld** [AKD98]. **Membership** [KJHB14]. **Memetic** [NB15, ÖO07]. **MemJam** [MWES19]. **Memories** [AM04, LPB13]. **Memory** [ABSSS19, AF15, ANS+12, BS03, BdS07, CCG+14, CHCL14, Cra88, CRM17, DS97, DZW10, FBGEL19, GVB+06, GRC+14, GV99, GG13, HML+20, ID08, JG97, Joh94, JMSG02, KTF23, KEKK16, LVJ22, LS20, LSL94, LMHW18, Lub90, MMG04, MCWK01, MBE03, MS99, MKAP05, NIK00, NAP02, OVA04, PZL+19, PMM+18, PO07, RC16, RWMF24, RRH03, SNB04, SMC94, SZH18, SD11, SAL16, SW16, SHC15, SWL05, SSMO96, SH15, SY08, SASH12, TTMD23, TMHT96, TA99, VSH+11, WS14, WQJY17, WHC+17, qWlJzKhC17, WTZ+19, WTQ21, YZZ20, YBRM14, ZK07, ZLD15, ZLJ+17, ZSH+12, Con88, EO88, FcF87, GHLN86, GS90, GT86, Hem89]. **Memory-Divergent** [LVJ22]. **Memory-Level** [SASH12]. **Memory-Optimized** [LS20]. **Merge** [JK03, JLV21]. **Mesh** [DMC91, HAA+11, SMSH13, SKAT91]. **Mesh-Connected** [DMC91]. **MeshCleaner** [MCT+18]. **Meshes** [MCT+18, qWlJzKhC17]. **Message** [BB90, CB01, EWHS11, GS05, GCD+03, JGZ+20, MFU21, GZ87, Hua89]. **Message-Passing** [CB01, GCD+03, GZ87]. **Meta** [KPS14]. **Meta-Heuristics** [KPS14]. **Metacomputing** [ES06]. **Metadata** [AGPGF14]. **Metagenomics** [LSM+18].

Method [BP17, DMMP18, Ger10, GRAG00, GHC+17, IS03, LNP91, LEA15, NdMM09, PCJ20, RAP95, SMN09, WQZ+24, ZYOY13, Wol86]. **Methodology** [KDV22, MOL05, RSJ+14, UWF+20]. **Methods** [BCC+05, CCL12, CAK17, CJS21, MT96, MWHS24, RLEJ19]. **Metropolis** [CHB06]. **Metrowerks** [PB04]. **MIC** [FFS18]. **Micro** [JS06b]. **Micro-grids** [JS06b]. **Microarchitectural** [API03, DKB+09]. **Microarchitecture** [PJS+05]. **Microbenchmarks** [IPR+05]. **Microcode** [BABW14]. **Microfluidic** [ZC09]. **Microgrids** [SS10]. **Microphone** [RLK20]. **Microprocessor** [LJE05]. **microprogramming** [CB86]. **Microthread** [BHJ06]. **Migration** [CML04, DST21, DLX+17, JG97, NLRH07, PTdSF+12, WHC+17, XLWX19]. **MILC** [SKG09]. **Milepost** [FKM+11]. **MIMD** [GL92, SDJS98]. **Mini** [ZXY+15]. **Mini-intrusive** [ZXY+15]. **Miniature** [NBN+15]. **Minimal** [BTB+13, DWS16, YAI95, Zha89]. **minimax** [NPT86]. **Minimization** [GLLH17, Mon97, PB04]. **Minimizing** [CH95, EDA96]. **Mining** [ASG20, CPP+12, FJA+18, HP13, OB13, PCJ18, WSS18, YWW+19]. **Mining-Based** [OB13]. **Mirroring** [SDL17]. **Mispredicted** [JSHP97]. **Mispredicted-Path** [JSHP97]. **Misprediction** [NBD98]. **Missing** [DMC+20, STB+18]. **Mitigating** [JDF20]. **Mixed** [BEG+10, SDJS98]. **Mixed-Mode** [BEG+10, SDJS98]. **Mixing** [MRLR16]. **ML** [AGT17]. **MLFQ** [CLL21]. **Mobile** [ES06, JM20, YFC21]. **Mobility** [MMD21]. **Mode** [BEG+10, OP12, YYYX20, SDJS98]. **Model** [AG06, AATD20, AK96, BEJD21, BAF94, BdS07, CND95, DMMS91, DTLW16, DFA+09, FCZ16, FPCD14, FBGEL19, HBC23, HLP11, HKJ+18, JM20, JF21, LLM16, LHL+16, LCL19, Liv91, NAS23, OGP+16, OATGEL15b, RSV+05, RK13, fSxWC18, TAY+12, TESK06, WSC20, YS22, ZJL22, JK86]. **Model-Based** [BEJD21, RK13]. **Modeling** [AA15, Ano18a, AMP+05, BS07, HYBA18, KMjC02, LEA15, Mar17, MCE13, MGJS15, MOL05, PCP+13, PVG17, Pra86, PS23, RJO22, SDH22, SSM21, TLSG05, WTL+23]. **Modelling** [BKK20, BKK23, VNU19]. **Models** [BFS05, CAT18, Den94, FLMR17b, HHC+15, ID08, KP05, Mat17, NAP02, RNJ+12, SMSH13, SS01, Ski91, SDL17, VMS15, VCP+13, AD86, DM87, FLMR17a]. **Modern** [HYBA18, KPS14, LG10, LQWP10, ME15]. **Modifications** [Hue97]. **Modular** [NdMM09]. **Module** [AAN+20]. **Modules** [DJR16, SQH92]. **Modulo** [AG98, EDA96, GRAG00, LJ08, Rau96]. **Modulo-Scheduled** [GRAG00]. **Molecular** [ACC+02, BS07]. **Molecule** [KLK16]. **Moment** [SSB21]. **Monitor** [LTL15]. **Monitored** [LJE05]. **Monitoring** [GAK20, NBN+15, ZXY+15]. **Monoparametric** [IAR21]. **Monte** [BJM20b, PES+18]. **Monte-Carlo** [BJM20b, PES+18]. **more**^{TM} [Ano87d]. **MORPHEUS** [GMB+11]. **Mosaic** [MPAG18]. **Motion** [MVD+14, TSS99]. **Motivation** [HmWHR97]. **Movement** [CFB94]. **Moving** [HAA+11, ZQT20]. **MPI** [AJF16, BS07, BEG+10, ES11, FPY08b, GJR09, GSY+13, HMK09, LSM+18, LWP04, MOL05, MANR09, NAS23, NSS12, RA09, SS01]. **MPI/PVM** [ES11]. **MPJ** [JQJ+16]. **MPSoC** [ID08, OPLS17, RGB+08, SWZ+15]. **MPSoCs** [GHR20]. **Much** [MT96]. **Multi** [AOAM21, AH08, AKHD13, ABvK+13, AML+10, ABB+10, BEJD21, BM09, CSF+20, CZ12, CB19, CTB14, DS97, DS16, DTLW16, DJR16, FLD15, GM20, Ged13, GMB06, GGV17, GS06, HML+20, HtBK+10, JCH+08, JDF20, KBG+08, LYG+18,

MXP14, MV17, MG15, MHCF98, MFGEL19, NdMCdMMW16, OATGEL15b, PCJ20, QZP15, RPF18, RC16, RG18, RTD20, RD08, RK13, SSP+00, SSEA14, SAI+20, fSxWC18, SSB+17, SFAG14, STB+18, Sun11, VSDK09, WQJY17, WLL17, WSC20, WK20, XOdFV+09, YWW+19, Zha10, ZGH+15, Ali86, AGT17, QGT+19]. **Multi-agent** [STB+18]. **Multi-app** [DJR16]. **Multi-attitude** [WSC20]. **Multi-BSP** [GM20, AGT17]. **Multi-Component** [fSxWC18]. **Multi-Core** [ABvK+13, AML+10, ABB+10, GGV17, RPF18, SSEA14, Zha10, BEJD21, CZ12, Ged13, HML+20, MXP14, NdMCdMMW16, QZP15, RC16]. **Multi-cores** [RTD20]. **Multi-device** [MFGEL19]. **Multi-dimensional** [RG18, WLL17]. **Multi-domain** [RK13]. **Multi-external-storage** [CSF+20]. **Multi-Fault** [AKHD13]. **Multi-GPU** [CTB14, SFAG14, WK20]. **Multi-GPUs** [QGT+19]. **Multi-layer** [OATGEL15b]. **Multi-Level** [MHCF98, SSP+00, XOdFV+09, YWW+19]. **Multi-ML** [AGT17]. **Multi-Orientation** [LYG+18]. **Multi-path** [JDF20]. **Multi-Prefetcher** [GMB06]. **Multi-process** [PCJ20]. **Multi-process/Multi-thread** [PCJ20]. **Multi-Processor** [HtBK+10, BM09, KBG+08, ZGH+15]. **Multi-processors** [AH08, DS97]. **Multi-queue** [CSF+20]. **multi-sequential** [Ali86]. **Multi-sink** [SAI+20]. **Multi-socket** [RC16]. **Multi-Stencil** [CB19]. **Multi-tenanted** [WQJY17]. **Multi-thread** [PCJ20]. **Multi-Threaded** [MG15, VSDK09, DS16, GS06, RD08]. **Multi-threading** [DTLW16]. **Multi-variable** [MV17]. **Multi-versioned** [SSB+17]. **Multi-Word** [FLD15, Sun11]. **Multi-Zone** [JCH+08]. **Multicluster** [FCJV99]. **Multicomputer** [FKD+97, Fos89]. **Multicomputers** [LNP91, SKAT91]. **Multicore** [AER+17, Ano16d, CHCL14, HHW10, HMF+13, KJHB14, LLM+12, LLM16, RSJ+19, SDH22, SS17, TKN+08, WLL17, ZC17]. **MulticoreBSP** [YBRM14]. **Multicores** [TFNG09]. **Multidimensional** [Fea92b, LLM+12]. **Multigrid** [MT96]. **Multilevel** [APR+18, ADC+17]. **Multilisp** [Hal86]. **Multimedia** [BG03, KL00, SG00, ZK07]. **Multiplayer** [CYS16]. **Multiple** [AZK+18, ANS+12, BDD+18, CND95, CKC22, Gsc07, LEA15, PIP18, SQH92, TF94]. **Multiple-Register-File** [CND95]. **Multiplication** [Bos12, uHKAMFM16a, uHKAMFM16b, KJPN10, LHLT19]. **Multiplications** [CFC+19, CFX+20]. **Multiply** [BBR11a]. **Multiprocessing** [HML+20, Bro86]. **Multiprocessor** [AK96, DeB87, Gol88, Gsc07, MB12b, Pan08, PPEP08, SEP08, SR04, BH87, GHLN86, GZ87, GTK+88, Hua89, PD89]. **Multiprocessor-based** [Pan08]. **Multiprocessors** [AO19, BBGM95, GRV+17, GV99, IPR+05, KSEG14, KT01, LS07, LSL94, MVB+06, NP01, OP12, SNB04, SMC94, SS01, TGT18, TESK06, ZLD15, Con88]. **Multiscalar** [LZ17]. **Multisplitting** [CCL12]. **Multisplitting-Newton** [CCL12]. **Multitemporal** [LFHAM19]. **Multithreaded** [FSS06, HTZ+97, HMT+96, KMjC02, LS07, MB99, OB13, WS08]. **Multithreading** [HTDL18, LEL+99, TESK06]. **MUSE** [AK92, AK90a, AK90b]. **Muzzle** [KSA+18]. **MXNet** [LWL+19]. **My** [MFU21].

Nano [Mis09]. **Nano/Bio** [Mis09]. **Nano/Bio-Inspired** [Mis09]. **Nanotube** [CDC09]. **Nanotube-Based** [CDC09]. **NaraView** [SJKA99]. **Native** [JQJ+16]. **Nature** [KPS14, MHCF98].

Nature-Inspired [KPS14]. **Navigational** [PLN+04]. **NC** [PS92]. **Near** [BB90, SdLC21]. **Near-Data** [SdLC21]. **Near-Optimal** [BB90]. **Nearest** [LTF+12, VVCA23]. **Nebelung** [MFG+08]. **Need** [KT01, Kuc94]. **Negative** [DKB+09, WS15, LKS+20]. **Neighbor** [LTF+12, PK20, VVCA23]. **Nested** [AMP01, EW96, MMS07, QRW00, Sar01, aMST07]. **Nests** [AMP01, GL95]. **Net** [LWDL17, GG14, GSS10]. **Nets** [KMjC02, LWF+19, QGT+19, RA94]. **Netuno** [SCB+14]. **Network** [AOAM21, Ano18b, CPT14, DM20, DFZ21, FCZ16, FPCD14, GCD+03, HZZ+19, HLS15, HS16, HL21, JACK20, JDF20, KKZN12, LSHK09, LYL14, LSYG15, LXL17, Liv91, ML15, MANR09, MSPR18, NSU22, NRGB17, PG07, SAI+20, SZ17, SWF+17, SBN03, TG21, YMW+17, ZZS+19, AD86]. **Network-Aware** [FPCD14]. **Network-Failure-Tolerant** [GCD+03]. **Network-on-Chip** [JDF20]. **Networking** [CSCL20]. **Networks** [AAN+20, AKA+20, AATD20, AK17, BS15, CLJH16, GWHY19, GKC22, HSM+24, IBA11, JLDF19, KAI20, Li03, LCL19, LS05, LWGZ18, MVB+06, MMD21, PMV17, RY20, RY22, SAI+20, WZG+17, YYYX20, YMW+17, YZZ+19, AD89]. **Networks-on-Chip** [JLDF19]. **NetWorkSpace** [BCS+09]. **Neural** [AMAH01, AOAM21, FCZ16, GKC22, HZZ+19, HSM+24, LYL14, LXL17, LJ08, LWGZ18, PMV17, WZG+17, YZZ+19]. **Neuromimetic** [RNJ+12]. **Neuronal** [CPP+12]. **Neutron** [Zey05, SDJS98]. **New-Age** [DKB+09]. **News** [FCZ16]. **Newton** [CCL12]. **Next** [Dar05]. **Nighttime** [fS18]. **NMRU** [Roy10]. **no** [Swa88]. **NoC** [LMHW18]. **NoC-Side** [LMHW18]. **NoCs** [MEP07, TOM+11]. **Node** [GAR+16, HZZS20, JF21, LJ09, PK20]. **Node-Level** [JF21]. **Node-to-Node** [HZZS20]. **Nodes** [BEA+19, NBN+15, TB23]. **Non** [BG17, CSTGL03, EKU22, LKS+20, Spr92, Con88, LP94]. **Non-Blocking** [EKU22, BG17]. **Non-negative** [LKS+20]. **Non-overlapping** [Spr92]. **non-shared** [Con88]. **non-singular** [LP94]. **Non-Strict** [CSTGL03]. **Noncoherent** [BBGM95]. **noncyclic** [JB98]. **Nonnegative** [DZW10]. **Nonsingular** [OK99]. **Normal** [TG05]. **Normalization** [QGT+19]. **Note** [Ano14, Ano16a, Ano16b, Ano16d, Ano16c, Ano18b, Ano18a, Ano19, Ano20, Ano21a, Ano21b, BKK23, Kes20, NL23, RY22]. **Novel** [AATD20, CSCL20, DMMS91, LKS+20, OXL+17, QFRA19, WWG+19]. **NUMA** [BFG+10]. **Number** [ALTT17, EVK22, HR11]. **Numerical** [EFED05, PES+18, YKLD17, Zey05]. **NVM** [GZJ18].

O [AKT+14, CSF+20, MG15]. **O2000** [CML04]. **Obfuscator** [FDY+19]. **Object** [BBC07, DJR16, FMSG17, GS11, GS13, JM20]. **Object-Oriented** [GS11, GS13]. **Objects** [GK94]. **Obtain** [NRR99]. **Obtaining** [XZT20]. **OCaml** [SCS23]. **occam** [Cam89]. **ODE** [MLdlP02]. **Off** [ZK07]. **Off-Chip** [ZK07]. **Offloading** [JM20]. **OFScheduler** [LSYG15]. **OLPCA** [DMMP18]. **oM** [CLL21]. **oM-DRL** [CLL21]. **OMP** [SGJ+03]. **OMP2001** [TSB03]. **On-Chip** [GG13, KKZN12, MVB+06, OBB+24, AH08]. **On-Line** [ZC09]. **On-Site** [GWPV21]. **On-the-Fly** [JDF20, KSJ14]. **One** [Fea92a, SKG09, WW17]. **One-dimensional** [Fea92a]. **Online** [CLJH16, CYS16, HZL16, RC16, SMSH13]. **onto** [SDJS98]. **Ontology** [AFM+06]. **Open** [AML+10, SJW22, Cie91]. **Open-Source** [SJW22]. **OpenCL** [JSS+15, RG18, SSB+17]. **OpenHMPP**

[AAB+16]. **OpenMP** [AM07b, ABB+10, BdS07, BGdS09, BFG+10, BS07, BEG+10, CF19, DFC+07, DFA+09, FMSG17, FM09, GSA08, HMK09, HAA+11, JCH+08, KaM10, KSJ14, MG15, MFG+08, MBE03, MMS07, NIO+03, OOS+08, OP10, SSB21, WPC07, YKLD17, aMST07]. **OpenMP/MPI** [BEG+10, HMK09]. **OpenUH** [CEH13]. **Operating** [CYS16, JGZ+20, NP01]. **Operation** [FLD15, NB15]. **Operational** [Cam89]. **operationally** [DM87]. **Operations** [ABASS12, BG17, FPY08b, HDK24, IBA11, ML15, SZH18]. **Operator** [LCF21]. **Operators** [DM17]. **Opportunistic** [YMW+17]. **OPS5** [GTK+88]. **Optical** [DMC91]. **Optimal** [AG98, BB90, CS20, DV97, DPS90, DPL86, GAR+16, MA87, Mer86, NG92, SMM94, YKM03, ZLJ+17, EG86, RB86]. **optimality** [Gai89]. **Optimisation** [GL18, PPEP08]. **Optimised** [Zha10]. **Optimising** [VNU19]. **Optimization** [AZK+18, ALPS19, CFB94, CSCL20, CPMC96, CS97, CRM17, DLX+17, GLLH17, GmWHR98, HBC23, HZZS20, HTmG+12, JGZ+20, KAI20, LDHL05, LM00, MO91, dMMHdLN21, NIO+03, NdMCdMMW16, ÖO07, PCP+13, RY20, RY22, RLH14, SRS06, SSEA14, Sca11, SA19, SHZ+14, YHGW16]. **Optimization-Based** [SHZ+14]. **Optimizations** [BKT08, BG96, ID08, KSEG14, LHLT19, LEL+99, MV17, MS11, SB90, SLZB13]. **Optimize** [ZLAV04]. **Optimized** [EKU22, LF15, LS20, MGW99, Sar01]. **Optimizer** [LSYG15]. **Optimizing** [BBR11b, CGN+09, CFC+19, HDK24, uHKAMFM16b, MBE03, ZSH+12, MO90, uHKAMFM16a]. **Optimum** [EDA96]. **Option** [Ger10]. **OR-** [SH96]. **OR-Parallel** [AK90b, Lin91a, Ali86, Cie91, Tin88]. **OR-Parallelism** [AK90a]. **Orchestration** [TMXS24]. **Order** [BS15, Boh23, BP17, CSD21, JDF20, MSJ01, NPD89]. **Order-Aware** [JDF20]. **Ordering** [IS03, DM87]. **orders** [Pra86]. **OREGAMI** [LRG+91]. **Organization** [AM04]. **Organizations** [GWPV21]. **Orientation** [LYG+18]. **Oriented** [ADC+17, FMSG17, GS11, GS13, KKSP18, KK20, LVM16, RGB+08, SRS06, SSM21, AKT+14, CZ12]. **Origin** [IPR+05]. **Orthogonal** [SSB21]. **OS-Based** [FC11]. **OSD** [AGPGF14]. **Osmotic** [FBV21]. **Other** [OP10, SS89]. **Out-of-Core** [SHLJ17, SMDJ19]. **Out-of-Order** [BS15, CSD21, MSJ01]. **Output** [CDRV98]. **Output-Dependences** [CDRV98]. **Overhead** [CTB14, KCW+05, OPLS17, SJBV06]. **Overheads** [BGdS09, LJ08]. **Overlap** [BG17]. **Overlapping** [IKN00, Spr92]. **Overview** [BML+13].

P [Zha10]. **P-SURF** [Zha10]. **P2P** [GJR09]. **P2P-MPI** [GJR09]. **PAB** [GMB06]. **PAB-Based** [GMB06]. **Package** [KKSP18]. **Packet** [DJR16, JDF20, QZP15]. **Packing** [JLMW15]. **PAD** [AG15]. **Page** [CML04, ZLJ+17]. **Page-Level** [ZLJ+17]. **PageRank** [EKU22, LEA15]. **Panda** [SBC17]. **Para** [Hud86]. **Para-Functional** [Hud86]. **Paradigm** [EW96]. **Paradigms** [DX14, Gen16]. **ParaGraph** [BCL90]. **Parallel** [AKBPV19, APR+18, AMAH01, AM04, AK17, ACD+16, ABvK+13, AA15, Ano16a, Ano18b, Ano21a, AVPG00, AJF16, BR14a, Bel94, BAF94, BARSW95, BGMR11, BS03, BNWL90, BR14b, BETK24, BUMS02, BDD+18, BDH+14, Bro15, Bro19, BJM20b, CGN+09, CPP+12, CY14, CSD21, CB86, Cra88, CSTGL03, CDDM18, CAP88, Cza17, CPL+10, Dam07, DPT17, DDD+19, DMK21, DMMS91, DE00, DM17, DS97, DS16, Den94, DX14, DZW10, DGMP09, DSR17, ECSS88, EHKT07, EK14, EK17, ELK18, EVK22, EGK23, ES11, FFS18, FCRC16, GGE19, GBLG10, Ger10, GS11, GS13, GP17, GF14,

GK18, GYL92, Gre16, GB20, GTK+88, GKC22, HSCI+16, HK14, HMF+13, HP13, HPVRPF15, HLS15, HS16, Hun91, HAA+11, IH04, Jan15, JW16, JLMW15, JK03, JLV21, Joh94, KS90, KK11, KS97, Kes20]. **Parallel** [KJHB14, KFC08, KGK20, KBG+08, Kuc94, KR87, LMP98, LTF+12, LYL14, LHL+16, LT17, LLL+15, LY95, LSL94, LWLG11, LHLT19, LBT17, Low00, LCL17, LYG+18, Lub90, Lys08, MXP14, MMN15, MLdlP02, Mar09, MAJD16, MFC21, MM16, MG15, MCA98, dMMHdLN21, Mer86, Mil88, Moh19, MVD+14, MFGEL19, NB15, NRGB17, NdMM09, NdMCdMMW16, NdMMW16, NSS12, NST89, NL23, OOR13, OP10, OGP+16, OBB+24, ÖA21, ÖO07, OG11, PW92, PGLC+18, PLN+04, PTD+06, PVAE98, PMV17, PR99, PCJ18, QFRA19, RK92, RK87, Ric90, RTD20, RSV+05, RMG+13, RGB+08, SGK12, SH87, SI11, SS92, SMN09, SMSH13, SQH92, SSM21, Sek09, SF20, SM09, SAS18, SO89, SKAT91, Ski91, SR90, SSB21, Spr92, SS89, SZ17, SC88, SHZ+91, Swa88, TSS99, TG21, TRL09, VK88, VRGC19, WCC16, WL16, qWlJzKhC17]. **Parallel** [WR18, WS15, WZB+92, WE18, YWY+18, YH18, YS22, YBRM14, Zey05, Zha89, Zha10, ZZS+19, ZQT20, ZWJK05, uRHH14, ACD+14, BCL90, BCK98, Con88, DPL86, EG86, EO88, GN89, GZ87, GKMB87, Hua89, JGA+88, JB98, Ken94, KMV87, KM86, LRG+91, LS92, Par86a, Par86b, Par86c, TSS86, Wai87, WB87, AK90b, Lin91a, Ali86, Cie91, SRV88, Tin88]. **Parallel-Access** [Joh94]. **parallel_for** [NCR+19]. **Parallelisation** [KH18]. **Parallelising** [GS13]. **Parallelism** [AER+17, ADC+17, ACC+01, BS03, BJM20a, DV97, EW96, GVB+06, GGV18, GHDF19, Gsc07, GL92, HPY01, JBB21, JF21, KP04, LFL+17, LS20, LHP+22, MT96, MMS07, RSK09, SSEA14, SSNS16, SH96, SASH12, Tou05, WTL+23, WS08, WW17, XOdFV+09, BS89, CG94, Sch92, VR88, AK90a]. **Parallelization** [AAB+16, BG17, BS07, CZ12, Col95, CAZ02, CF19, ELGE16, FLMR17b, FCRC16, FJO+16, GK94, GYP22, GMS00, HML+20, Hue97, IS03, JCD+14, LQWP10, LXL17, dMMKdLN22, MVD+14, NN95, PPQV16, RAP95, RLEJ19, SSP+00, SHK13, SJKA99, SKA96, SR15, SNS21, TFNG09, TH17, WNMW16, WdSAM+17, WP00, aMST07, FLMR17a]. **Parallelize** [MRLR16]. **Parallelized** [CR19, ELGE17, HTK98, KSTF24, TMHT96]. **Parallelizing** [CHCL14, GS11, KTT+99, ME15, WZG+17]. **Parameter** [BR14a]. **Parameterized** [LW97]. **pareil** [Lin91b, Lin86, Lin87, Lin89, Lin90, Lin88b]. **Parlog** [FT87, Hun91]. **Parsers** [BNWL90]. **Parses** [IP90]. **Parsing** [IP90, Lan90, PW92]. **Part** [JS06a, Fea92b, KR87, RK87]. **Partial** [AmWHM99, CKC22, DM87, GM20, RSP20, RWMF24, Pra86, SZH18]. **Partial-Duplication** [CKC22]. **Partial-PreSET** [SZH18]. **Partially** [SY08]. **Particle** [NdMCdMMW16, RLH14]. **Partition** [WLL17]. **Partitioned** [AT91]. **Partitioning** [CPG01, EW96, FCJV99, GAR+16, Iqb91, KEKK16, LGY16, Lys08, MRLR16, NS97b, OPLS17, PDN21, PS23, SMN09, SWZ+15, SHC15, TG05, VVCA23, GZ87, KMV87, NK88, PD89]. **Partitioning-Aware** [PS23]. **Partitioning-Independent** [EW96]. **Partitions** [DM20]. **ParTriCluster** [AFO+08]. **Pass** [NS97b]. **Passenger** [RLK20]. **Passing** [CB01, EWHS11, GCD+03, JGZ+20, MFU21, GZ87, Hua89]. **Path** [AT91, CSC+00, JAW17, JSHP97, LPF16, LJ08, OATGEL15a, SK97, SHZ+91, JDF20]. **Path-based** [LJ08]. **Pathfinder** [JAW17]. **Pattern** [ACD+16, BBR11a, CEP97, CPL+10, DDD+19, EVK22, GHC+17, LYG+18, QA11, TRB+24, WSS18].

Pattern-Based [EVK22, BBR11a]. **Patterns** [ALG+95, BETK24, BDD+18, DMK21, DM17, DS16, FPY08b, JBB21, KSTF24, LLL+15, RTD20, SHK13, YLB19, ACD+14]. **Patterns-Based** [BDD+18]. **PBX/VoIP** [AML+10]. **PCIe** [OXL+17]. **PCM** [SZH18, ZLJ+17]. **PCM-Based** [SZH18]. **PEMPIs** [MOL05]. **Per-Core** [SA10]. **percolating** [ACD+14]. **perfect** [GE89]. **Performance** [AM95, APR+18, ASW+15, AK92, AD86, Ano19, AKT+14, BE14, BS07, BEG+10, Car09, CHYP96, CHPC96, Cza17, DFH17, DB08, DCX+17, DMC+18, EGK23, GWYQ18, GGE19, Gha19, GJK+05, GSY+13, GKMB87, HRH08, HF14a, HF14b, HTmG+12, JSS+15, JLJ+18, JCH+08, KaM10, KTRZ+17, KJPN10, LPB13, LPF16, Li03, LWL+19, LY95, LWP04, LLSS03, LCL17, LWGZ18, MB12a, MCWK01, MS11, MOL05, MSPR18, MMS07, ME15, NFC+09, NdMM09, NP01, PJS+05, PGLC+18, PVAE98, PS23, RTD20, RSJ+14, SGJ+03, SSEA14, Sca11, SAI+20, SAL16, SCB+14, SA10, TSB03, TFEK16, TKN+08, Tin88, VCP+13, WCC16, WGW04, WK20, YZ13, YBRM14, ZLA21, ZWJK05, ZJG17, dMP+03, BCK98, DST21, OXL+17]. **Performance-Efficient** [LWGZ18]. **Performance-Portable** [JSS+15]. **Performances** [DFZ21]. **Persistent** [GW19]. **Personal** [HOZ06]. **Personalized** [LCT+20]. **Perspective** [KBG+08, WEJS94]. **Perspectives** [Ano16c]. **Pessimistic** [VSH+11]. **Petaflops** [ACC+02]. **Petascale** [TAY+12]. **PETRA** [ME15]. **Petri** [KMjC02, LWDL17, RA94]. **PGAS** [JF21]. **Phase** [JHLM01, LGY16]. **Phi** [BP17, Cza17, ELGE17, LLGC17, PES+18]. **philosophers** [RB86]. **Phrase** [LKS+20]. **Physical** [WLW+17]. **Phytium** [CFX+20]. **PIMP** [MFU21]. **Pin** [JK12]. **Pin-Based** [JK12]. **Pinning** [CR19]. **Pipeline** [DF98, GG13, GRAG00, JBB21, LJ08, MFU21, SR04, Gai89]. **Pipeline-Integrated** [MFU21]. **Pipelined** [AD89, Low00, MJ02, NdMMW16, SWG+18, LAV98]. **Pipelining** [BTB+13, GRAG00, OGP+16, RA94, YKM03, Gao86, WEJS94]. **Piranha** [CGJK95]. **Pitfalls** [HML+20]. **Placement** [ANS+12, DCX+17, JQWG15, SHZ+14, TMXS24]. **Plain** [SS23]. **Plane** [Mer86]. **Planes** [LYG+18]. **Planning** [KCW+05, LCT+20, SI11]. **PLASMA** [YKLD17]. **Platform** [DTLW16, DZW10, ELGE17, FSS06, GMB+11, LLW+17, SSEA14, ZJG17]. **Platform-Independent** [FSS06]. **Platforms** [BC15, FRT+18, Gha19, HMF+13, MXP14, MMN15, MVD+14, PGLC+18, PVF21, RGB+08, VFIN12]. **pocl** [JSS+15]. **Point** [KSA+18, LTF+12, NST89, Ano86a, EG86]. **Points** [Mer86, SS92]. **Polaris** [FWH+94]. **Policies** [BEP13, CML04]. **Policy** [Roy10]. **Polka** [Dav87]. **Pollination** [MSJ20]. **Polling** [Lin91a]. **Pollutant** [RSV+05]. **Pollution** [MKAP05]. **Polygons** [SS92]. **Polyhedra** [LW97, QRW00]. **Polyhedral** [DV97, IAR21, JCD+14, PCP+13, SA19]. **PolyJIT** [SA19]. **Polymorphic** [CGPS18]. **Polynomial** [SWL05, ZYOY13]. **Polynomial-Time** [SWL05]. **Pool** [ACD+16]. **Pools** [HR11]. **Port** [CND95, IBA11]. **Portability** [EGK23, KaM10]. **Portable** [EAK21, EVK22, JSS+15, JF21, LS91, NLBB23]. **Porting** [YKLD17]. **positive** [GHLN86]. **Post** [NS97b]. **Post-Pass** [NS97b]. **Potential** [HML+20]. **Potentials** [PDN21]. **Potentials-Based** [PDN21]. **Power** [AOAM21, AVLV03, GHR20, JS10, NBN+15, OBB+24, PO07, RSP20, SDH22, SWZ+15, SAI+20, WMN+17, ZLJ+17, ZJG17]. **Power-Aware** [AOAM21, AVLV03]. **PR** [KAI20]. **Practical** [CAP88, EKU22, GH96, KKKS24, Ski91, WZTH13, Hun87]. **PRAM**

[GRR98]. **Pre** [DJS12]. **Pre-Execution** [DJS12]. **Precision** [KJPN10, ML15]. **Predicated** [CSC+00, CHPC96, TF96]. **predicates** [FK87]. **Predication** [AmWHM99]. **Predictability** [SS99]. **Predicting** [ÖA21]. **Prediction** [AOAM21, CEP97, JSHP97, LEG11, MOL05, RWMF24, SK14, TF96, ZWJK05, ZJG17]. **Predictive** [PCP+13]. **Predictor** [CHYP96]. **Predictors** [KMG01, LJ08]. **Preface** [CY14, WNMW16]. **Prefetch** [FDY+19, HGT+12, WLL+08]. **Prefetch-Based** [WLL+08]. **Prefetch-Obfuscator** [FDY+19]. **Prefetcher** [GMB06]. **Prefetching** [CTK+11, DJS12, GRV+17, GV99, HGT+12, HTmG+12, ZGH+15]. **prefix** [MA87, SS89]. **Pregel** [TH17]. **Presence** [JSHP97]. **Preserving** [DC20]. **PreSET** [SZH18]. **pressure** [LAV98]. **Prevent** [GMB95]. **Price** [Ger10]. **Pricing** [WWG+19]. **Primitive** [JLV21, JHLM01]. **Primitives** [DeB87, JK86]. **Priority** [BEP13, LLM16, NYHA14, SS17, CRM92]. **Priority-Based** [NYHA14]. **Privacy** [DC20]. **Private** [JJIL15]. **Probabilistic** [LY95, LC11]. **Problem** [AT91, AVPG00, BR14b, DE00, Fea92b, MB12b, OATGEL15a, WS15, Fea92a, LS92, RB86]. **Problems** [HAA+11, Iqb91, LSM+18, LHP+17, MFC21, Cie91]. **procedural** [JB98]. **Procedure** [KKMS99, SMM94]. **Procedures** [CK02, GMS00]. **Process** [FPY08b, LCL17, QA11, SSEA14, KMV87]. **Process-Based** [LCL17]. **process/Multi** [PCJ20]. **Processes** [EAT14, Mai87, PW87, RS90, Tho87]. **Processing** [AM95, APR+18, CPP+12, CY14, DJR16, GG14, GL18, GSS10, GB20, HZL16, HSXH19, JGP+18, JGM15, KIT+20, LT17, LAD15, Lys08, Mil88, NS97b, PTD+06, PS23, RSK09, RSA+18, RG15, SAB11, SHLJ17, SMDJ19, SBN03, TSS99, TRD21, TA99, VVCA23, WZB+92, WW17, ZLA21, ZHF+19, Ano87e, ECSS88, WB87]. **Processor** [BGMR11, BKT08, FCJV99, FVvL+16, GWPV21, HtBK+10, JHLM01, KBD03, KTT+99, SMM94, TKN+08, WSS18, WS08, WSO+07, XWH21, BM09, KBG+08, ZGH+15, Sca11]. **Processors** [AOAM21, AK96, AMKE18, BG03, Cra88, Giv07, Giv08, GE90, HYBA18, KLG08, KL00, LG10, LZ17, MSJ01, OBB+24, PG07, QZP15, RPF18, SDH22, SKA96, SA10, WLL17, Zha10, AH08, DS97, Hem89, MA87, PW87]. **PrODACT** [FDY+19]. **Product** [MWHS24]. **Productive** [GHDF19]. **Productivity** [BCS+09, BS07, Car09, KaM10]. **Profile** [CMW+94, CPMC96, GAG22]. **Profile-assisted** [CMW+94]. **Profile-Based** [GAG22]. **Profile-Driven** [CPMC96]. **Profiling** [CPMC96, LPF16, WTL+23, ZD19, ZSH+12]. **Profiling-Free** [WTL+23]. **Program** [Dar05, KH18, KKMS99, MCFM12, SNB04, SLZB13, VNU19, CRM92]. **Programmable** [CDC09, Dam07]. **Programming** [AGT17, Ano16a, Ano21a, AVPG00, BBC07, BARSW95, BETK24, BCL14, BCL17, Bro19, BJM20b, CBR17, CAT18, DPT17, DMK21, DK16, DeB87, DX14, EK14, ELK18, EAK21, EVK22, EGK23, FBGEL19, GGE19, GMP89, GK18, GJK+05, Gre16, GW19, GRR98, HSCI+16, HG18, HK14, HKJ+18, Hud86, KS97, Kes20, KBG+08, LHL+16, Lin91a, Lub90, MRLR16, MFGEL19, NL23, NAP02, PLN+04, PVAE98, QFRA19, RPF18, SQH92, SS01, SS23, SFAG14, Swa88, UKT00, VRGC19, YS22, YBRM14, ACD+14, BCL90, BCK98, Ken94, Par86a, Par86c, Tin88]. **Programs** [AR16, AJF16, BAF94, BS03, BDH+14, CB01, CZ12, Dab21, DJR16, DSR17, EHKT07, FCRC16, FJO+16, IAR21, Jak19, Jan15, JW16, JLMW15, KSJ14, LMP98, LWDL17, LBT17, Low00, MGW99, MOL05, MBE03, NS97b, OB13, SHK13, SJKA99,

SK97, SO89, SCS23, VNU19, WP00, BS89, Con88, Gai89, Gol88, JB98, Kas86, SRV88]. **Progressive** [QGT+19]. **Project** [BCC+05, MAB+11]. **Projection** [fSxWC18]. **PROLOG** [Ali86, AK90a, AK90b, Cie91, MARC24, SB90, SH96, TSS86]. **PROMIS** [SSP+00]. **Promoting** [WLW+17]. **proof** [FcF87]. **Propagation** [LMP98, LXL17, MXP14, SF20]. **Properties** [MAJD16]. **Property** [LWDL17]. **Proposal** [DFC+07, DFA+09]. **Protein** [FJZ+15, KLK16]. **Protocol** [BAP01, DeB87, GSY+13, MPAG18, PK20, RA09]. **Protocol-Based** [DeB87]. **Protocols** [BHL21, SB91, BCK98]. **Provenance** [AKA+20]. **Provide** [SS17]. **Proximity** [LTL15]. **Pruning** [HSM+24, WHC+17]. **Pseudo** [EVK22, WQZ+24]. **Pseudo-Random** [EVK22]. **Pseudo-Synchronous** [WQZ+24]. **Pseudosimulation** [GT86]. **PTAS** [JLMW15]. **Pthreads** [JBB21]. **pull** [Par86c]. **Pure** [SNS21]. **Purge** [SAL16]. **Purpose** [WP00]. **Push** [RKG04, Par86c]. **PVM** [ES11]. **PyACTS** [DGMP09]. **Python** [DGMP09].

Q&A [GM20]. **QCD** [SKG09]. **QoE** [RY20, RY22]. **QoS** [AH08, BDD+18, RY20, RY22, SS17, uRHH14]. **QoS-supported** [AH08]. **Quadrant** [PK20]. **Quality** [KK20, RLK20]. **Quantifying** [MHCF98]. **Quantitative** [LVJ22, LAV98, Sca11]. **Quantum** [PG16]. **Query** [STM15, VVCA23, WWG+19]. **Queue** [BBB+17, NSS12, WZTH13, ZLD15, CSF+20, CRM92]. **Queue-Based** [ZLD15]. **Queueing** [RKG04, TB23, AD86]. **Queues** [GL92, LLM16, RMH21]. **Queuing** [WZTH13].

R [TRL09]. **Race** [KSJ14, MTT15, YLB19]. **Radial** [DMC+18]. **Radiation** [LG10, Zey05]. **Radiation-Induced** [LG10]. **Radio** [vNR11]. **Radios** [KWA+10]. **Radix** [SWF+17]. **Railway** [FLMR02]. **Random** [AK17, EVK22, GAR+16, YWY+18]. **Randomized** [DS97, Li03, JGA+88]. **Ranking** [DS97, uRHH14]. **RANSAC** [HPVRPF15]. **Rapid** [TCUV14]. **Rate** [HCEP98]. **Ray** [STF+12]. **Ray-Traversal** [STF+12]. **RDMA** [GSY+13, JLJ+18, LWL+19, LWP04, RA09, ZLA21]. **RDMA-Based** [LWP04, ZLA21]. **RDMA-Enabled** [GSY+13, RA09]. **Reachability** [WZB+92]. **Reaction** [HF14a, HF14b]. **Reactive** [BHL21]. **Read** [DCX+17, MV17]. **Real** [BEJD21, EWHS11, FJA+18, FJO+16, GAK20, LCT+20, RSA+18, YLB19]. **Real-Time** [BEJD21, FJA+18, FJO+16, LCT+20, RSA+18, EWHS11]. **Real-World** [YLB19]. **Realistic** [GZJ18]. **Really** [Kuc94]. **Realm** [PCJ18]. **Rearrangement** [SJBV06]. **Reasoning** [HVF18]. **Recognition** [KSA+18, PR99, SS92, SHK13, WZG+17]. **Recognizing** [PS92]. **Recommendation** [YFC21]. **Reconfigurable** [GMB+11, GBC+08, KBD03, NdMMW16, NBN+15, PJS+05, TKN+08, ZC09, CB86]. **Reconfiguration** [RSP20, SA10]. **Recovery** [CJS21, JSHP97, LJ09, NBD98]. **Rectangles** [Spr92]. **RECU** [YBDJ17]. **Recurrence** [LM00, Gao86]. **Recurrences** [SKA96]. **Recursions** [uHKAMFM16a, uHKAMFM16b]. **Recursive** [GMS00]. **Red** [IS03]. **Red-Black** [IS03]. **RedThreads** [HTDL18]. **Reduce** [FBV21, MKAP05]. **Reduced** [ALTT17, DV97, MB12b, OOR13]. **Reducing** [CEP97, CK02, CTB14, FCJV99, TB23, ZK07]. **Reduction** [ABASS12, AVLV03, JS10, KCW+05, LHF+15, LJ08, ML15, PO07, SK97, SWL05, JK86]. **Redundant** [CH95, EAT14, GV95, HTDL18, KTT+99].

Refactoring [AKBPV19, BDH+14, BJM20b, BJM20a]. **Referees** [Lin92, Lin88b, Lin91b, Lin86, Lin87, Lin89, Lin90]. **Reference** [ALG+95, RRH03, WGW04]. **Reference-Set** [WGW04]. **References** [Fea91, MKAP05]. **Referencing** [TMHT96]. **Refinement** [SMSH13]. **Regeneration** [MJ02]. **Region** [CI96, HmWHR97]. **Region-Based** [HmWHR97]. **Register** [ALTT17, AVLV03, BE14, BGGT02, CND95, EDA96, LkCH94, LHLT19, Tou05, ZLAV04, LAV98, NP98]. **Register-Aware** [LHLT19]. **Register-File** [ALTT17]. **Registers** [CGPS18]. **Regular** [HLP11, Sca11]. **Regularization** [ADC+17]. **Rehab** [SAL16]. **Reinforcement** [CR19, CLL21]. **Related** [Lub90]. **Relation** [BKK20, BKK23, VK88]. **Relational** [MAWD+16]. **Relationship** [LkCH94, fS18]. **Relative** [SB91]. **Relaxation** [CCL12]. **Relaxed** [HVF18]. **Relaxing** [AKD98]. **Relevant** [NAS23]. **Reliability** [BBR11b]. **Remaining** [XLWX19, YYYX20]. **Remote** [JG97]. **Remoting** [MGL+17]. **Removal** [CDRV98, WS14]. **Renaming** [CSC+00, TA99]. **Rendering** [BGMR11, SC88]. **Rendezvous** [CMW90, RA09]. **Reordering** [JDF20, KP95]. **Reorderings** [MCWK01]. **Repair** [SDL17]. **RePhrase** [DDD+19]. **Replacement** [BEP13, Roy10, TFMP97]. **Representation** [ASS24, CFB94, FWH+94, GP94, GBC+08, KSA+18, LYG+18, WGW04]. **Represented** [SSB21]. **Reproduction** [Li03]. **Request** [DCX+17, HZL16]. **Request-Aware** [DCX+17]. **Requirement** [MSJ01]. **Requirements** [CMW90, EDA96, JSHP97]. **Rescheduling** [BCC+05, CS97]. **Reservations** [SL14]. **Resizing** [KD15]. **Resolution** [Hue97, YWY+18]. **Resource** [BEA+19, BS91, CTK+11, DS20, GB20, RY20, RY22, SHS21, ZLD15, JK86]. **Resource-Aware** [CTK+11, GB20]. **Resource-Constrained** [SHS21]. **Restart** [CRM17]. **Restarted** [LEA15]. **Restoration** [JBB21]. **Restoring** [EGJS15]. **Restructuring** [KAMAMA17, MP04, PMHC03]. **Results** [AK92, AW98, GTK+88, Hun87]. **Retraction** [BKK23, RY22]. **Reusability** [KKSP18]. **Reuse** [CSD21, SBN03, XH98]. **Reuse-Driven** [XH98]. **Reverse** [AmWHM99, BE14]. **Reversible** [PG16]. **Review** [IR19, Mar09, dMMKdLN22]. **Reviewers** [Nic14]. **Revisited** [PM07, Wol86]. **Revisiting** [KD15]. **Right** [MP04]. **Rinda** [Sek09]. **RISC** [OBB+24]. **RISC-V** [OBB+24]. **RMI** [SW16]. **Road** [ANS20, GGE19]. **Robot** [JGZ+20]. **Robotic** [BUMS02]. **Robust** [LLSS03, Zha10]. **Rochester** [YBDJ17]. **Rock** [WSC20]. **Rollback** [DDJ+18]. **RollSec** [DDJ+18]. **Route** [SI11]. **Router** [JDF20]. **Routing** [BB90, IBA11, JLDF19, KAI20, LNP91, PK20, TOM+11, YMW+17]. **RT** [KAMAMA17]. **RT-CUDA** [KAMAMA17]. **RTOS** [KHT21]. **RTOS-Aware** [KHT21]. **Ruby** [Sek09]. **Rule** [KGK20, MAWD+16, KM86]. **Rule-Based** [KGK20, KM86]. **Ruleset** [Sca11]. **Run** [BG17, ELGE17, HtBK+10, RSP20, RAP95, TTF+08]. **Run-Time** [RAP95, BG17, HtBK+10, TTF+08, vdSGBW08]. **Runge** [BP17]. **Runtime** [CEH13, ELGE16, FSS06, FRT+18, FR95, FCRC16, GWYQ18, GRV+17, GG14, HRC17, HL21, Hue97, KTF23, Low00, NAP02, PHS19, TAY+12, TCUV14, XLWX19]. **Runtime-Assisted** [GRV+17].

S [GG14, GSS10]. **S-Net** [GG14, GSS10]. **SAC** [GS06]. **Safe** [ELK18, LSL94]. **Sage** [Lin88a]. **Samal** [Swa88]. **SAMOS** [MCE13, PVG17, RJO22, ORJ24]. **Sampling** [SHC15]. **Sans** [Lin91b, Lin86, Lin87, Lin89, Lin90, Lin88b].

SARP [HZL16]. **SAT** [VSDK09]. **Satisfaction** [BBB+17, LVM16]. **Satisfaction-Oriented** [LVM16]. **Satisfiability** [CPL+10]. **Saturation** [Tou05]. **SB** [GRR98]. **SB-PRAM** [GRR98]. **SBAC** [AG15]. **Scalability** [ACC+02, BS07, CFX+20, Lys08, RSK09, RNJ+12, SH15]. **Scalable** [AGPGF14, Bel94, DLRS13, EK14, Fea06, GWYQ18, GG14, GH89, HC17, IBA11, JQJ+16, MPAG18, MARC24, QZP15, RC16, RAP95, RBR22, TAY+12, Won02, XZX+15, ZLD15]. **Scalar** [Bos12, Fea91, SK97, SW95, AK96]. **Scale** [HC17, HKJ+18, KKZN12, LLGC17, LSA+07, LWGZ18, MAT23, SWF+17, WW17]. **Scaled** [CSD21, Mar17]. **Scaling** [KSBN22, MAJD16]. **Scan** [Mat17, KBD03]. **Scenario** [UKT00]. **Scenario-Based** [UKT00]. **Schedule** [EDA96]. **Scheduled** [CHPC96, GRAG00, PPEP08]. **Scheduler** [CLL21]. **Schedulers** [SY08]. **Schedules** [DF98, NST89]. **Scheduling** [ABASS12, AKD98, AO19, AK90a, AK92, AG98, AHKR01, AF15, BMA02, BR97, BBB+17, BHJ06, BCC+05, BM09, CGJK95, CSC+00, CAK17, Cie91, CML04, EDA96, Fea92b, Fea06, FPCD14, GAG22, GRAG00, LLW+17, LSL94, LMHW18, MSJ20, MP95, MB12b, NIO+03, NBA13, PDN21, PIP18, Rau96, RD08, SMM94, TF94, WLL17, WMC98, YH18, YHGW16, CMW+94, Fea92a, GN89, HC17, NP98]. **Schema** [WTZ+19, WWG+19]. **Scheme** [AKA+20, FC11, GN20, GL18, GV99, GL95, KAI20, LGY16, Lin91a, LSL94, LJE05, NYHA14, SHZ+14, WLL+08, YHGW16, AD86, Mil88]. **Scheme-Based** [Mil88]. **Schemes** [ASW+15, AMAH01, CKC22, HC17]. **School** [WMK19]. **Science** [HLK+09]. **Scientific** [CAK17, DGMP09, HML+20, IPR+05, MV17, SSB+17, TTF+08, WSO+07]. **SCnC** [SSNS16]. **Scratchpad** [CHCL14]. **SDN** [AAN+20, FBV21, SAI+20, UWF+20]. **SDRAM** [LPB13]. **Search** [BJM20b, DS20, GAR+16, Ged13, Hun91, KS90, LY95, MAT23, MB12b, MVD+14, WMK19, AD89, DPL86, KR87, RK87]. **Searchable** [AAI+20a, AAI+20b]. **Searches** [LTF+12]. **Second** [SS10]. **Section** [Ano16d, Ano16c]. **Secure** [AKA+20, DDJ+18]. **Security** [AATD20, MSPR18]. **Segmentation** [LF15]. **Segmented** [JLV21]. **Seismic** [PTdSF+12, Wai87]. **Selected** [KPS14]. **Selecting** [Low00]. **Selection** [CS20, DE00, GAR+16, KDV22, SAS18, WTZ+19, WTQ21, uRHH14]. **Selective** [KMG01, TFMP97]. **Self** [DWS16, EFED05, FKM+11, HHW10, HC17, KFC08, LSL94, LJE05, NSS12]. **Self-Adapting** [EFED05]. **Self-Monitored** [LJE05]. **Self-Scheduling** [LSL94, HC17]. **Self-stabilizing** [DWS16]. **Self-Submitting** [NSS12]. **Self-tuning** [FKM+11]. **Self-verified** [KFC08]. **Semantic** [HHC+15, KSF+18, LQWP10]. **Semantic-Aware** [LQWP10]. **Semantics** [ACC+01, Cam89, Hud86, Ric90]. **Semi** [GVB+06, KMV87]. **Semi-Automatic** [GVB+06, KMV87]. **Sensitivity** [SLZB13]. **Sensor** [CPT14, DM20, NBN+15, RY20, RY22]. **Separation** [SS92]. **Sequence** [LHP+17, SO89, ECSS88, Hua89]. **Sequences** [AK17, FJZ+15]. **Sequential** [FCRC16, LNG12, TFNG09, WNMW16, Ali86]. **Serial** [NIK00]. **Series** [DMC+20]. **Server** [AFM+06, CYS16, LJ09]. **Servers** [EAT14, NYHA14, RC16, WLW+17]. **Service** [DWQ17, GAK20, LJ09, YFC21, uRHH14]. **Services** [HZL16, HHC+15]. **Set** [API03, CZTM03, DDD+19, GFL00, HCEP98, Mer86, SRS06, WGW04, XZT20, SZH18]. **Sets** [DWS16, FR95, LHF+15, NRR99, SS92, EG86]. **several** [Hem89]. **SFLA** [DS20]. **SGI** [CML04, IPR+05]. **Shape**

[CAZ02]. **Share** [TV15]. **Shared** [BS03, BS91, CCG+14, Cra88, FBGEL19, GV99, GG13, HML+20, HR11, LSL94, Lub90, MMG04, MBE03, NIK00, NAP02, SNB04, SR15, SMC94, SS01, SS17, SSMO96, SY08, WQJY17, YBRM14, ZLD15, Con88, FcF87, GHLN86, Hem89]. **Shared-address** [HR11]. **Shared-Memory** [BS03, CCG+14, FBGEL19, GV99, HML+20, LSL94, NIK00, NAP02, SMC94, YBRM14, GHLN86]. **Sharing** [CML04, GMB95, SNB04, YBDJ17]. **Shifting** [DH00]. **SHMEM** [SS01]. **Shortest** [AT91, OATGEL15a]. **Shortest-Path** [AT91]. **shuffle** [GE89]. **SIC** [GN20]. **Side** [Gha19, LMHW18]. **Side-Channel** [Gha19]. **Signal** [FVvL+16, NS97b]. **Signals** [vNR11]. **Signed** [GWHY19]. **Significance** [VCP+16]. **SIMD** [GS90, KJHB14, Moh19, PES+18, SJBV06, SDJS98, TB23]. **Similarity** [Cza17, Ged13, RBR22]. **SimilarityJoin** [TRB+24]. **Simple** [CL96, WS08, LS91]. **simplicial** [EG86]. **Simplify** [MFGEL19]. **Simplifying** [MCA98]. **Simulating** [BH87]. **Simulation** [ABvK+13, AA15, Ano18a, CSD21, Dem11, GHR20, KWA+10, KP05, LJE05, MCE13, MGJS15, MANR09, PVG17, PPQV16, RJO22, SAB11, SJW22, TGT18, Zey05, ZWJK05, GT86]. **Simulation-Based** [ZWJK05, KWA+10]. **Simulations** [ASW+15, CGN+09, GZJ18, HLP11, HF14a, HF14b, LLGC17, PES+18]. **Simulator** [WPC07]. **Simulators** [MPR+05, PC13, TCUV14]. **Simultaneous** [LEL+99, PIP18, WS08, WE18]. **Single** [CB01, Dab21, EGK23, Fos89, HF14a, HF14b, PM07]. **Single-Source** [EGK23]. **Single-Valuedness** [Dab21]. **Singular** [BUMS02, LP94]. **Sink** [PK20, SAI+20]. **SISAL** [AM95]. **Site** [GWPV21]. **Size** [KDV22, Low00]. **SKA1** [FVvL+16]. **SKA1-Low** [FVvL+16]. **Skeleton** [DK16, DM17, EK14, ELK18, GRC+14, GGV17, IH04, MFC21, RPF18, SFAG14, STB+18]. **Skeleton-Based** [GGV17]. **Skeleton-Driven** [GRC+14]. **Skeletons** [CPT14, DMK21, EM14, EK17, GK18, HdMMK22, HK23, JCD+14, KH18, dMMHdLN21, SM16, WE18, WMK19, WK20]. **SkePU** [ELK18, EAK21]. **SkeTo** [EM14]. **Skew** [HHW20]. **Skewing** [Won02, Wol86]. **Skewness** [IR19]. **Sliding** [NdMM09, SF20]. **Sliding-Window** [NdMM09, SF20]. **Slope** [WSC20]. **Slots** [BMA02]. **SLR** [BNWL90]. **SMA** [LJE05]. **Small** [HZL16, HLP11, Sca11, SNS21]. **Small-Ruleset** [Sca11]. **Small-World** [HLP11]. **Smart** [DK16, KIT+20, MMD21, UWF+20, SJT13]. **Smith** [FJZ+15, HMF+13, RSJ+19, TG05, ZTY+19]. **SMPs** [BS03]. **SMSG** [WTL+23]. **SMT** [KLG08]. **Snow** [TRL09]. **SOC** [LVM16, AML+10, KHH08, KBG+08]. **Social** [CLJH16, GWHY19, LCL19]. **socket** [RC16]. **Soft** [ÖA21]. **Software** [AVM+16, BTB+13, BKK20, BKK23, CSCL20, CFF+06, DDJ+18, Dar05, DJS12, EFED05, GV99, GRAG00, HYBA18, HTK98, JACK20, KWA+10, KAMAMA17, KIT+20, KVG18, KCW+05, Lys08, MMG04, MJ02, MBE03, MSA+07, NSU22, OXL+17, OPLS17, RA94, RLPN+02, RMH21, SWZ+15, SAL16, STM15, YZZ20, YKM03, ZLAV04, dMP+03, LAV98, WEJS94]. **Software-Defined** [CSCL20, RMH21]. **Solid** [YJY16]. **Solution** [GM20, GHLN86, KS90, RB86]. **Solutions** [BBGM95, BFRPVR+15, Fea92b, RK92, SdLC21, Fea92a]. **Solve** [LSM+18]. **Solver** [CF19, CTB14, KFC08, LDHL05, MLdlP02, MRLR16]. **Solvers** [CJS21, GLLH17, NLRH07]. **Solving** [AVPG00, VSDK09]. **Some** [Fea92a, Fea92b, VRGC19]. **Sort** [JK03, WR18]. **Sorting**

[DMMS91, SKAT91, SJC18]. **Sound** [RLK20]. **Soundness** [LWF+19]. **Source** [AML+10, BML+13, EGK23, GK94, HML+20, PK20, SJW22]. **Source-Code** [GK94]. **Source-to-Source** [BML+13, HML+20]. **Space** [CML04, DWQ17, FVvL+16, HPVRPF15, KS90, KWA+10, LCU92, LWLG11, MB12b, MWHS24, PG07, PCP+13, SS01, SWL05, TAY+12, XZX+15, EG86, Hua89]. **Space-and-Time** [LWLG11]. **Space-Efficient** [XZX+15]. **Space-Sharing** [CML04]. **Spaces** [HR11]. **spanning** [Zha89]. **Spark** [GSP+17, HHW20, LXL17, RSA+18]. **Sparse** [BBR11a, CFC+19, CFX+20, HP13, JLV21, KTRZ+17, KSA+18, LTSD15, LDHL05, LHLT19, LWGZ18, GN89, GHLN86]. **SparseNN** [LWGZ18]. **Spatial** [CS20, DMC+18, FLMR17a, FLMR17b, HtBK+10, fS18, VVCA23]. **SPAWN** [PDN21]. **SPEC** [SGJ+03, TSB03]. **Special** [Ano16b, Ano16d, Ano16c, Ano18b, Ano18a, Ano19, Ano21a, Ano21b, AM07b, Bro19, Car09, GSA08, Gha19, Giv07, Giv08, HSXH19, JACK20, JS06b, MCE13, MGJS15, MB12a, Mis09, NS97a, ORJ24, Pan08, PP10, PVG17, RJO22, SS10, SZ17, TG21, TFPF18, WNMW16, ZZS+19, BmH98, DB08]. **Specialization** [FRT+18, GW19]. **Species** [FJZ+15]. **Species-Based** [FJZ+15]. **Specific** [API03, CZTM03, CB19, TFEK16, TOM+11, WL16, WK20]. **Specification** [BdS07, BS91, PC13, RA94]. **specifications** [Wai87]. **Spectral** [CS20]. **Speculation** [BS15, KVG18, WS08]. **Speculative** [AK92, CHPC96, Col95, ELGE16, JCD+14, KLG08, KJHB14, KT01, LEG11, MS99, MKAP05, PPQV16, RKG04, RA09, TFNG09]. **Speculatively** [ELGE17]. **Speculatively-Parallelized** [ELGE17]. **Speech** [PR99]. **Speed** [GE90, MSPR18, NSU22, PMV17, TGT18, EG86]. **speed-up** [EG86]. **Speeded** [Zha10]. **Speeded-Up** [Zha10]. **Speeding** [SAB11]. **Speedup** [Gai89]. **Speedups** [KS90, GS90]. **SPICE3** [WPC07]. **Spike** [CPP+12]. **Spill** [PB04]. **Spin** [HLP11]. **SpiNNaker** [RNJ+12]. **Spline** [AP86]. **Split** [WR18]. **Splitting** [GFL00]. **SPMD** [Dab21]. **SPP** [SSMO96]. **SPP-1000** [SSMO96]. **Spread** [LEA15]. **SQL** [HHW20]. **SR8000** [TSB03]. **SSD** [OXL+17]. **stabilizing** [DWS16]. **Stack** [BEP13]. **Stacked** [LHP+17]. **Stage** [EDA96, PYC16]. **Stand** [DJR16]. **Stand-Alone** [DJR16]. **Standard** [FSS06, SÜCV17, YKLD17, NdMMW16]. **Standard-Library** [SÜCV17]. **StarCore** [PB04]. **State** [BR97, KS90, KPS14, LHL+16, OOR13, YJY16]. **State-of-the-Art** [LHL+16]. **State-Space** [KS90]. **Stateful** [ACC+01, DM17]. **States** [DDJ+18]. **Static** [BCC00, CB01, CSD21, HYBA18, Li03, MRLR16, NIO+03, RRH03, Gao86]. **Statically** [BCL17]. **Statistical** [AAI+20a, AAI+20b, NSU22, PYC16]. **Status** [Ano16c]. **Steal** [TV15]. **Stealing** [HHW20, YH18]. **Steiner** [BR14b, MNN22]. **Stencil** [CB19, HdMMK22, HDK24, MS11, SBC17]. **Stencil-Operations** [HDK24]. **Stiff** [MLdlP02]. **STL** [HG18]. **Stochastic** [ASW+15, RSV+05]. **Storage** [AMAH01, CM06, JSHP97, LT17, NG92, WTZ+19, WTQ21, AH86, CSF+20]. **Storage-Centric** [CM06]. **Store** [BG96]. **Stores** [AZK+18]. **Storm** [ZLA21]. **Story** [MSA+07]. **Straightforward** [MCT+18]. **Strassen** [uHKAMFM16a, uHKAMFM16b]. **Strategies** [CGJK95, CF19, FLMR17a, FLMR17b, LJ09, PK20, SAS18]. **Strategy** [GSP+17, IS03, JM20, RBES00, WLL+08, WR18, ZLJ+17]. **Stream** [GSS10, GHDF19, GHR20, LHP+22, RSA+18, RGB+08, TF94, ZK07, ZLA21, SRV88]. **Stream-Conscious** [ZK07]. **Stream-Oriented** [RGB+08].

Streaming [ASS24, BBR11b, CHCL14, HtBK+10, LJ09, MAB+11, SSNS16, TB23, VNU19]. **Streams** [CPP+12, DM17, Tic90]. **Strict** [CSTGL03]. **Structural** [AMP+05]. **Structure** [EFED05, LWDL17, MGW99]. **Structured** [BABW14, Fea06, GGV18, HCEP98, MV17, MP95, NLRH07, SASH12]. **Structures** [BCL17, CL96, ELGE16, GL18, HGT+12, HTmG+12, JSHP97, RG15, SL14, SH15, vdSGBW08]. **Student** [FJA+18]. **studies** [CG94]. **Study** [BKT08, DE00, FPY08b, HPVRPF15, HMT+96, LVJ22, LDHL05, MS11, PMV17, Sca11, SPS14, KM86]. **Styles** [PC13]. **Sub** [LS05]. **Sub-Networks** [LS05]. **Subdivision** [BGMR11]. **Subgroup** [FG16]. **Submission** [LLL+15]. **Submitting** [NSS12]. **Subroutines** [CCG+14]. **subscribers** [Ano92]. **Suitable** [MVB+06]. **Suites** [SGJ+03]. **Summarization** [KSF+18]. **Summation** [ML15]. **sums** [MA87]. **Super** [AK96, JLDS16, YWY+18]. **Super-Resolution** [YWY+18]. **Super-scalar** [AK96]. **Supercomputer** [MSA+07]. **Supercomputers** [SBC17, qWlJzKhC17]. **Supernode** [SPS14]. **Superscalar** [MSJ01, VMS15]. **Superthreaded** [TJY99]. **Support** [EK17, GRR98, KTBP18, PB01, WGF+16, BCL90]. **Supported** [SD11, AH08]. **Supporting** [BHJ06, CYS16, FMSG17, MMS07, OOS+08, SQH92]. **SURF** [Zha10]. **Surfaces** [AP86, BGMR11, DMC+18, PGLC+18, SC88]. **Surrogate** [JM20]. **Surveillance** [fS18, WZG+17]. **Survey** [BR14b, KPS14, LHL+16, LMPS05, SJC18, YH18, YS22, Cie91]. **Survive** [ABB+10]. **SVM** [CSCL20]. **SW** [KBG+08]. **Swap** [FLD15, Sun11]. **Swarm** [dMMKdLN22, NdMCdMMW16, RLH14]. **SWIMM** [RSJ+19]. **Switched** [FPY08a]. **Switches** [SWF+17]. **Symbol** [MARC24]. **Symbolic** [ACD+16, CFF+06, KP05, MP04, GKMB87]. **Symmetric** [GMP89]. **Symposium** [Ano21b, DB08]. **Synchronisation** [BHJ06, FG16]. **Synchronization** [DSR17, GH89, GE90, HTK98, Jan15, JHLM01, KKZN12, Liv91, Lub90, NP01, AD86, HFM88, MO90]. **Synchronizations** [CH95]. **Synchronous** [BS15, WQZ+24]. **Synopsis** [HZL16]. **Synthesis** [PG16]. **Synthesizing** [AMP01, AMAH01, AJF16]. **System** [AG06, AA15, BBB+17, BCS+09, BC10, CYS16, Cza17, DLX+17, EFED05, GG14, GZJ18, GCD+03, HSCI+16, HMT+96, JGZ+20, KTF23, KFC08, Mil88, MMS07, NIK00, NSU22, NP01, RSP20, RLH14, RNJ+12, SGJ+03, SJKA99, SSMO96, SH15, TLSG05, TTF+08, TRL09, WGF+16, XZX+15, ZLC+19, ZXY+15, KM86, Tin88, KK11]. **System-level** [BC10]. **Systematic** [IR19, TH17]. **SystemC** [BFS05, CSD21]. **Systems** [Ano16c, Ano18a, Ano21a, Ano21b, AF15, AMP+05, ANS+12, BAP01, BETK24, Bro15, Bro19, CHB06, CS97, CAT18, DK16, DLRS13, EWHS11, ELK18, EAK21, EVK22, EGK23, FLMR02, FBV21, FPCD14, FBGEL19, FJO+16, GWYQ18, HC17, HRH08, HtBK+10, HSXH19, HLK+09, KKSP18, KK20, KTRZ+17, Kuc94, LLM+12, LFL+17, LSA+07, LMPS05, MP91, Mar17, MCE13, MGJS15, MBE03, Pan08, PP10, PB01, PM07, PVG17, PO07, PPEP08, RK92, RWMF24, RJO22, SGK12, SSM21, SEP08, SS17, SFAG14, STB+18, TSS99, TKN+08, US05, WS14, WLL+08, ZC17, AH86, Cie91, Dav87, GHLN86, Par86b, PD89, PW87]. **Systolic** [AP86, Ano87e, IP90, Lan90].

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FPCD14, FCRC16, GN89, GS13, GP94, HHW20, HR11, JM20, KSTF24, LPF16, LLW+17, MB12b, NIO+03, OP10, OGP+16, PHS19, RLH14, SSNS16, TFEK16, WTQ21]. **Task-Aware** [WTQ21]. **Task-Based** [FCRC16, RLH14, TFEK16]. **Tasking** [DFA+09, KaM10]. **Tasks** [BC10, DFA+09, HR11, PS23]. **TAU** [MMS07]. **TCP** [LSHK09]. **TCP/IP** [LSHK09]. **Technique** [AKD98, AOAM21, CPMC96, Hue97, HAA+11, KTT+99, PB04, RGB+08, SR04, TOM+11, WLWZ15]. **Technique-Application** [PB04]. **Techniques** [AK96, CAZ02, DS16, GBLG10, KL00, KP04, LY95, NP19, SRS06, STF+12, SK97, TAY+12, TJY99, ZLAV04]. **Technologies** [MAB+11]. **Technology** [GKC22, JACK20, Ken94]. **Telegraphic** [ES11]. **Telescoping** [CK02]. **Temperature** [DKB+09]. **Template** [GF14, LCF21, LHP+22, NCR+19]. **Temporal** [PMHC03, YYYX20]. **tenanted** [WQJY17]. **Tensor** [KKKS24, Boh23]. **TensorFlow** [JLJ+18]. **Teradevice** [WGF+16]. **Terascale** [GCD+03]. **termination** [Tho87]. **Test** [CPL+10, KJHB14, SRS06, BS89]. **Testing** [TCUV14, ZC09, Mai87]. **Tests** [JW16]. **Text** [FCZ16, KSF+18, LYL14]. **Textually** [Dab21]. **TFlux** [DTLW16]. **Their** [CGJK95, LW97, RG18, ACC+01]. **Theory** [GRAG00, RSJ+14, CP88]. **Thermal** [OBB+24]. **Things** [HZZS20, JACK20, KIT+20, KAI20, MMD21, PCJ18, SAI+20]. **Thread** [AO19, AMKE18, CPL+10, DSR17, JG97, KGK20, ZGH+15, PCJ20, WS08]. **Thread-level** [WS08]. **Thread-Parallel** [CPL+10]. **Threaded** [HGT+12, HTmG+12, MG15, VSDK09, DS16, GS06, RD08]. **threading** [DTLW16]. **Three** [ABASS12, HDK24]. **Three-Argument** [ABASS12]. **Three-Dimensional** [HDK24]. **Threshold** [CLL21]. **Throughput** [AKT+14, BBR11b]. **Throughput-oriented** [AKT+14]. **Thrown** [AHKR01]. **TIDeFlow** [OGP+16]. **Tightly** [RWMF24, SS01]. **Tightly-Coupled** [SS01]. **Tikhonov** [ADC+17]. **Tile** [KDV22, RMH21]. **Tile-Based** [RMH21]. **Tiled** [FC11, OOR13, SMH21]. **Tiling** [IAR21, MHCF98, XH98, ZK07]. **Time** [BBB+17, BEJD21, DWS16, DMC+20, FJA+18, FCJV99, Fea92b, FJO+16, GAK20, KCW+05, LCU92, LLL+15, LWLG11, LCT+20, MWES19, PTdSF+12, RSP20, RSA+18, RAP95, RK13, SWZ+15, SA19, SWL05, Won02, YFC21, YKM03, BG17, EWHS11, Fea92a, HtBK+10, TTF+08, vdSGBW08]. **Time-aware** [YFC21]. **Timed** [GHR20]. **Timed-Value** [GHR20]. **Times** [SB91]. **Timing** [FDY+19, GHR20, MP91, WQJY17, WMN+17, YDV19]. **TINPAR** [KTT+99]. **Tissue** [LLGC17]. **Tissue-Scale** [LLGC17]. **TLB** [JS10, VFIN12]. **TM** [SÜCV17]. **TM-Based** [SÜCV17]. **TMT** [VFIN12]. **Tokenization** [Sca11]. **Tolerance** [AKHD13, NRR99, WGF+16, ZLJA12]. **Tolerant** [DFZ21, EAT14, GCD+03]. **Tolerating** [AK96, JG97, LG10]. **Too** [CHSC18, MT96]. **Tool** [DST21, FG16, KAMAMA17, KSJ14, ME15, PDN21, PVAE98, WMN+17]. **Tools** [ALG+95, ARB+05, DGMP09, LRG+91, Lub90, CB86]. **Top** [Sca11]. **Top-Performance** [Sca11]. **Topological** [GE89]. **Topologies** [MVB+06]. **Torus** [IBA11]. **Trace** [Mai87, RLPN+02, RLEJ19, RD08]. **Trace-based** [RD08]. **Traces** [MANR09]. **Tracing** [BEJD21, ZD19]. **Traffic** [ANS20, CLL21, GAK20, PYC16]. **Train** [KKKS24]. **Training** [JCW+18, LYL14, QGT+19, WTL+23]. **Transaction** [AA15, NBA13]. **Transaction-Based** [AA15]. **Transactional** [CRM17, GRC+14, MFG+08, PMM+18, SAL16, SW16, SH15,

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