

# A Complete Bibliography of Publications in the *International Journal of Parallel Programming*

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05 August 2024  
Version 2.43

**Title word cross-reference**    **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].

\* [CS16]. + [HVF18, SBC17]. 0 [LS92]. 1 [LS92]. 2 [CTB14, ES11, IBA11]. 3 [BC15, HPVRPF15, HF14a, HF14b, JGM15, LLGC17, LHP+17, SJKA99, fSxWC18, SBC17]. < [JS06a]. > [JS06a]. (*R*) [BKT08, SM09]. <sup>*TM*</sup> [BKT08]. *i* [TRD21]. *K* [LKS+20, VVCA23]. *kd* [WR18]. *l*<sub>1</sub> [GLLH17]. *m* [DPL86].

**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**

**-D** [ES11]. **-Means** [LKS+20].

**-Minimization** [GLLH17]. **-Tree** [WR18].

**-way** [DPL86].

**1000** [SSMO96]. **14** [HG18]. **16** [Swa88].

**18th** [DB08].

[FFS18, FRT<sup>+</sup>18, FJZ<sup>+</sup>15, HF14a, HF14b, LLGC17, MAWD<sup>+</sup>16, MNN22, PTdSF<sup>+</sup>12, SCS23, WQZ<sup>+</sup>24, XWH21, ZHF<sup>+</sup>19, ZTY<sup>+</sup>19]. **Acceleration** [BC10, MCFM12, STM15]. **Accelerator** [ALPS19, EK17, FVvL<sup>+</sup>16, LWGZ18, SWG<sup>+</sup>18, TTF22, YZZ<sup>+</sup>19]. **Accelerators** [GP17, LCF21, SdLC21, ZJL22]. **Access** [JG97, Joh94, LMHW18, OOR13, RWMF24, ZK07]. **Accesses** [GV95, LPB13]. **Accumulatives** [MM16]. **Accumulative** [IH04]. **Accuracy** [CEP97, KP04]. **Accurate** [PZL<sup>+</sup>19, RGB<sup>+</sup>08, TA99]. **Accurately** [BGdS09, Low00]. **Achieving** [AMP<sup>+</sup>05, GAR<sup>+</sup>16, GS90, Won02]. **Acknowledgment** [Nic14]. **ACOTES** [MAB<sup>+</sup>11]. **Action** [WZG<sup>+</sup>17]. **Active** [RLK20]. **Activity** [FR95]. **Actor** [ZLC<sup>+</sup>19]. **Actors** [RTD20]. **ACTS** [DGMP09]. **Acyclic** [Hue97, ZLJA12]. **Adaptability** [SA10]. **Adaptation** [CCL12, SJT13]. **Adapting** [EFED05, JMSG02, PIP18]. **Adaption** [CLL21]. **Adaptive** [AO19, BBB<sup>+</sup>17, BFRPVR<sup>+</sup>15, CS20, DJS12, GLLH17, GRV<sup>+</sup>17, GW19, GH89, HHW10, HP13, HR11, HTDL18, JLDF19, KSEG14, LLM<sup>+</sup>12, LJE05, PSM97, RA09, SHC15, WR18, ZLD15]. **AdaptiveLock** [YLB19]. **Address** [SS01, TAY<sup>+</sup>12, HR11]. **Addressing** [GG13]. **Adjoining** [PS92, PW92]. **Adjustment** [ZLC<sup>+</sup>19]. **ADL** [PC13]. **ADL-Based** [PC13]. **Admission** [NYHA14]. **Adoption** [SdLC21]. **Advance** [SL14]. **Advanced** [AAN<sup>+</sup>20, DLRS13, MAB<sup>+</sup>11, LF15, NdMMW16]. **Advantage** [TKN<sup>+</sup>08]. **AES** [XWH21]. **Affine** [Fea92b, KDV22, KP95, LM00, Mon97, Fea92a]. **Affinity** [GRC<sup>+</sup>14]. **After** [AKBPV19]. **Again** [MP04]. **Against** [DDJ<sup>+</sup>18, FDY<sup>+</sup>19, GWHY19, MWES19]. **Age** [DKB<sup>+</sup>09]. **Agent** [FLMR17a, FLMR17b, WLL<sup>+</sup>08, STB<sup>+</sup>18]. **Agent-Based** [FLMR17a, FLMR17b]. **Agents** [ES06]. **Aggregation** [HHW20, LSA<sup>+</sup>07, SBN03]. **Aggressive** [SK14]. **Agnostic** [AVM<sup>+</sup>16, NAP02]. **Agriculture** [GKC22]. **AI** [GAG22]. **AI-Assisted** [GAG22]. **Air** [LCT<sup>+</sup>20]. **Aircraft** [MSJ20]. **ALE** [HAA<sup>+</sup>11]. **Algebra** [CCG<sup>+</sup>14, CBR17, HKJ<sup>+</sup>18, KTRZ<sup>+</sup>17, MP04]. **algebraic** [SS89]. **Algorithm** [AFO<sup>+</sup>08, AKT<sup>+</sup>14, ASG20, BM09, CSCL20, CL96, Cra88, CDDM18, DMMS91, DWS16, DZW10, EKU22, FBV21, GF14, GKC22, HNC<sup>+</sup>16, IP90, IKN00, JLDF19, JCW<sup>+</sup>18, KBD03, LLM<sup>+</sup>12, LMP98, LF15, LKS<sup>+</sup>20, MMN15, MSJ20, MCT<sup>+</sup>18, Mer86, MB12b, Moh19, MVD<sup>+</sup>14, NFC<sup>+</sup>09, NB15, NRR99, NRGB17, NdMMW16, PS92, RY20, RY22, RK92, RBR22, SI11, SF20, SWL05, Spr92, XZT20, ZQT20, ZTY<sup>+</sup>19, EG86, FcF87, GZ87, GT86, Hua89, JGA<sup>+</sup>88, LS92, Sch92, SRV88]. **Algorithm-Based** [NRR99]. **Algorithmic** [DMK21, DM17, EK17, GK18, HdMMK22, HK23, dMMHdLN21, SHK13, WE18, WMK19, WK20]. **Algorithms** [AT91, APR<sup>+</sup>18, AMAH01, AK17, ABSSS19, AGT17, BR14b, CAT18, CAP88, Dam07, DPS90, DMC<sup>+</sup>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<sup>+</sup>19, DPL86, ECSS88, HFM88, SDJS98, Swa88, Zha89]. **Alias** [LC11, WGW04]. **Aligned** [Dab21]. **Alignment** [FJZ<sup>+</sup>15]. **All-Parses** [IP90]. **All-Port** [IBA11]. **All-to-All** [FPY08a]. **Allgather** [QA11]. **Allocation** [BE14, CND95, DLX<sup>+</sup>17, DS20, LkCH94, NG92, PZL<sup>+</sup>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<sup>+</sup>18]. **Analysis** [ASS24, AK96, ABTZ00, AFO<sup>+</sup>08, AW98, BEA<sup>+</sup>19, BG96, BFRPVR<sup>+</sup>15, CSC<sup>+</sup>00, CSD21, CAZ02, CAT18, CPL<sup>+</sup>10, Fea91, Gha19, GH96, HML<sup>+</sup>20, Jak19, KP04, LT17, LCL19, LY95, LHF<sup>+</sup>15, LWDL17, LHP<sup>+</sup>17, LC11, MP91, MHL95, MP04, NSU22, NP19, PCJ20, PPEP08, RLEJ19, RRH03, Sca11, SSP<sup>+</sup>96, SO89, US05, WGW04, dMP<sup>+</sup>03, AD86, GTK<sup>+</sup>88, NPD89, RS90, KR87]. **Analytical** [KWA<sup>+</sup>10, NP19, VCP<sup>+</sup>13, ZJG17, ZJL22]. **Analytcs** [FJA<sup>+</sup>18, FRT<sup>+</sup>18, LWF<sup>+</sup>19, TMXS24]. **Analyze** [ASW<sup>+</sup>15, Dem11]. **Analyzing** [APR<sup>+</sup>18, ALG<sup>+</sup>95, DF98, FM09, HRH08, SD11]. **AND-parallel** [SRV88]. **AND-Parallelism** [SH96, BS89]. **AND/OR** [RK92]. **Android** [AER<sup>+</sup>17]. **Animation** [BGMR11]. **Announcement** [Int98, Ano86d, Ano92]. **Anomalies** [Jan15]. **ANSI** [BG03]. **Ant** [ASG20, dMMHdLN21]. **Anti** [CDRV98]. **Anti-** [CDRV98]. **Apache** [ZLA21]. **APCFS** [KK11]. **API** [LCT<sup>+</sup>20, TTF22]. **APL** [GS90]. **app** [DJR16]. **Application** [ACC<sup>+</sup>02, API03, BGdS09, BS07, CZTM03, Dam07, EGK23, FJO<sup>+</sup>16, HL21, HTDL18, JCH<sup>+</sup>08, JAW17, KS97, Mat17, MP04, Moh19, PG07, PB04, RSK09, Sek09, SKG09, TOM<sup>+</sup>11, VMS15, BH87, CRM92, WB87]. **Application-Aware** [JAW17]. **Application-Dependent** [VMS15]. **Application-Level** [HTDL18]. **Application-Specific** [API03, TOM<sup>+</sup>11]. **Applications** [Ano16a, Ano18b, BEA<sup>+</sup>19, BEJD21, BBR11b, BDD<sup>+</sup>18, CY14, CR19, CBR17, CHCL14, CPT14, DPT17, DFH17, DS16, DGMP09, EWHS11, FM09, GHM14, GS11, GS13, GRC<sup>+</sup>14, GGV17, Gre16, HK14, HMK09, HtBK<sup>+</sup>10, HLK<sup>+</sup>09, IPR<sup>+</sup>05, KMjC02, KPRS96, KTBP18, LRG14, LLW<sup>+</sup>17, LQWP10, LWLG11, MV17, Mar09, MAJD16, MG15, MCWK01, MANR09, Mis09, OK99, ÓA21, PPQV16, RLPN<sup>+</sup>02, RSJ<sup>+</sup>14, RGB<sup>+</sup>08, SR15, SÜCV17, SSB<sup>+</sup>17, SASH12, SBN03, TG21, TB23, TMHT96, WL16, WLL17, ZK07, ZZS<sup>+</sup>19, ZD19, ZSH<sup>+</sup>12, GKMB87, SDJS98, SS89]. **applicative** [Hun87]. **Applied** [BUMS02, KaM10, Lin91a]. **Approach** [AK90b, AVM<sup>+</sup>16, BBB<sup>+</sup>17, CHB06, DM17, FCZ16, FJA<sup>+</sup>18, FBV21, FJO<sup>+</sup>16, GAG22, GYL92, JQWG15, KK20, KSF<sup>+</sup>18, KKKS24, KSA<sup>+</sup>18, LTF<sup>+</sup>12, LLL<sup>+</sup>15, LCT<sup>+</sup>20, MO91, NN95, OATGEL15a, PMV17, QZP15, STM15, VSDK09, qWlJzKhC17, WS08, WEJS94]. **Approaches** [BUMS02, JCH<sup>+</sup>08, PCJ18, VRGC19]. **Appropriate** [Gen16]. **Approximate** [HZL16, Iqb91, TGT18, VCP<sup>+</sup>16]. **Arbitration** [BS91]. **ArchC** [ARB<sup>+</sup>05]. **Architectural** [LSHK09, NP01, SEP08, TCUV14, WGF<sup>+</sup>16]. **Architecture** [AP86, ARB<sup>+</sup>05, BGGT02, CHCL14, CFC<sup>+</sup>19, CDC09, DB08, DLRS13, FCJV99, GWPV21, GL92, HTZ<sup>+</sup>97, HL21, JLDS16, LHP<sup>+</sup>17, MB12a, MB99, MSPR18, NdMMW16, NAP02, RD08, STF<sup>+</sup>12, SJT13, TRD21, YS22, ZTY<sup>+</sup>19, CB86, GKMB87]. **Architecture-Agnostic** [NAP02]. **Architectures** [Ano18b, Ano18a, BG96, BFG<sup>+</sup>10, CPG01, CND95, CJA00, GBPK07, Ged13, GAG22, GGV17, HCEP98, HP13, LAD15, MCE13, MGJS15, Mis09, NFC<sup>+</sup>09, NdMCdMMW16, PJS<sup>+</sup>05, PMM<sup>+</sup>18, PG16, PVG17, RJO22, RMH21, RSJ<sup>+</sup>19, SJBV06, SMH21, TG21, TB23, TJY99, TF94, VHk<sup>+</sup>18, ZLAV04, ZZS<sup>+</sup>19, LRG<sup>+</sup>91]. **Area** [RSP20, Roy10, SWZ<sup>+</sup>15, WMN<sup>+</sup>17]. **Argument** [ABASS12, NG92]. **Argument-Fetching** [NG92]. **Arithmetic** [ABASS12]. **ARM** [MGL<sup>+</sup>17]. **ARMv8** [CFC<sup>+</sup>19, KHT21]. **ARMv8-based**

[CFC<sup>+</sup>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<sup>+</sup>16]. **Artificial** [CSCL20, GKC22]. **ASIPs** [ALTT17]. **Aspect** [KKSP18, KK20]. **ASPmT** [MWHS24]. **ASPmT-Based** [MWHS24]. **Assembly** [ABTZ00]. **Assessing** [EGK23, KKSP18]. **Assessment** [BKK20, BKK23, FJA<sup>+</sup>18, Hal86, UWF<sup>+</sup>20]. **Assignment** [CB01, Fos89]. **Assimilation** [XZT20]. **Assisted** [GRV<sup>+</sup>17, GAG22, MMG04, RMG<sup>+</sup>13, CMW<sup>+</sup>94, LCF21]. **Asteroid** [RC16]. **Astronomy** [vNR11]. **ASW** [ZTY<sup>+</sup>19]. **Asynchronous** [BBC07, CJS21, DF98, GSS10, GW19, PHS19, SAS18, CG94]. **Atmospheric** [SMSh13]. **Atom** [MARC24]. **Atomic** [SW16, Win89]. **Atomics** [HVF18]. **Attack** [ABSSS19, MWES19]. **Attacks** [AAI<sup>+</sup>20a, AAI<sup>+</sup>20b, GWHY19]. **Attempting** [GYL92]. **attitude** [WSC20]. **Attribute** [MO91]. **Attributes** [BDD<sup>+</sup>18]. **Auction** [WWG<sup>+</sup>19]. **Auction-Based** [WWG<sup>+</sup>19]. **Auto** [CCG<sup>+</sup>14, Ged13]. **Auto-Tuning** [CCG<sup>+</sup>14, Ged13]. **Automata** [BR97, WSS18]. **Automated** [AZK<sup>+</sup>18, BEJD21, JGP<sup>+</sup>18, VNU19]. **Automatic** [AAB<sup>+</sup>16, API03, ALG<sup>+</sup>95, BG17, BGGT02, CZ12, CZTM03, Col95, CAZ02, EM14, FCRC16, GK94, GVB<sup>+</sup>06, GRC<sup>+</sup>14, GYP22, GMS00, HHC<sup>+</sup>15, Jak19, JW16, KSTF24, LQWP10, PHS19, SRS06, SHK13, SSB<sup>+</sup>17, SNS21, TFEK16, TG05, ZLC<sup>+</sup>19, vdSGBW08, KMV87]. **Automatically** [DDJ<sup>+</sup>18]. **Autonomic** [GGV17]. **Autonomous** [KK11]. **Autotuning** [BC15]. **Avoidance** [NBA13]. **Avoider** [YZZ20]. **Avoiding** [MMN15, SJBV06]. **AVX** [RSJ<sup>+</sup>19]. **AVX-512** [RSJ<sup>+</sup>19]. **Aware** [AOAM21, AAB<sup>+</sup>16, AVLV03, CTK<sup>+</sup>11, CAK17, DCX<sup>+</sup>17, FPCD14, GB20, HZZS20, HSM<sup>+</sup>24, JQWG15, JAW17, JLDF19, JDF20, KHT21, LQWP10, LGY16, LHLT19, Mar17, MMD21, PS23, QA11, TMXS24, WTZ<sup>+</sup>19, WTQ21, XLWX19, YHGW16, MEP07, YFC21]. **Awareness** [KAI20, RGB<sup>+</sup>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<sup>+</sup>15]. **BADCO** [VMS15]. **Balance** [YHGW16]. **balanced** [DPL86]. **Balancing** [ASW<sup>+</sup>15, AmWHM99, EWHS11, HR11, JK03, RLH14, RSJ<sup>+</sup>14, SR15]. **Bandwidth** [FPY08a, KSEG14]. **Bank** [GG13]. **bards** [Par86a]. **Barrier** [GH89, HTK98, JHLM01, Liv91, Lub90, Bro86, HFM88]. **Barriers** [GE90, SMC94]. **Based** [AAN<sup>+</sup>20, AAI<sup>+</sup>20a, AAI<sup>+</sup>20b, AOAM21, ABSSS19, AA15, BEA<sup>+</sup>19, BMA02, BHL21, BKK20, BKK23, BEJD21, BDD<sup>+</sup>18, CLJH16, CND95, CLL21, CDC09, CPMC96, DK16, DeB87, DM17, DGMP09, DWQ17, EVK22, FLMR17a, FLMR17b, FCZ16, FJA<sup>+</sup>18, FR95, FJZ<sup>+</sup>15, FC11, FPCD14, FCRC16, GBPK07, GMB06, GAG22, GGV17, GF14, GL18, GHR20, GL92, HZL16, HmWHR97, HF14a, HF14b, HHC<sup>+</sup>15, JK12, JCW<sup>+</sup>18, KBD03, KKMS99, KF99, KTF23, KGK20, KT01, KJPN10, LLM<sup>+</sup>12, LLM16, LPF16, LJ09, LCL19, LLL<sup>+</sup>15, LWP04, LWDL17, LCL17, LYG<sup>+</sup>18, MLdIP02, MCFM12, MGL<sup>+</sup>17, MPR<sup>+</sup>05, MWHS24, NYHA14, NSU22, NRR99, NRGB17, OB13, OBB<sup>+</sup>24, PDN21, PK20, PC13, QZP15, RSP20, RLH14, RMH21, RBR22, RSJ<sup>+</sup>14, RSJ<sup>+</sup>19, SAB11, SAI<sup>+</sup>20, SZH18, SJC18, SS17, SÜCV17, SHZ<sup>+</sup>14, fSxWC18, SW95, SWF<sup>+</sup>17, SDL17, TSS99, TFEK16, TESK06, TG05]. **Based** [UKT00, US05, UWF<sup>+</sup>20, VVCA23,

WLL<sup>+</sup>08, WL16, WHC<sup>+</sup>17, WWG<sup>+</sup>19, WHC<sup>+</sup>24, WK20, YWW<sup>+</sup>19, YHGW16, YLB19, YZZ20, ZLD15, ZQT20, ZLA21, ZWJK05, ZJG17, ZXY<sup>+</sup>15, ZHF<sup>+</sup>19, uRHH14, BBR11a, BC10, CFC<sup>+</sup>19, KWA<sup>+</sup>10, KSF<sup>+</sup>18, KM86, LP94, LJ08, MB12b, OATGEL15a, Pan08, RD08, RK13, SL14, YFC21, Mil88]. **Basis** [DMC<sup>+</sup>18, FT87, Sch92]. **Bat** [NRGB17]. **Batch** [QGT<sup>+</sup>19]. **be** [DM87, BGMR11]. **Bedding** [WSC20]. **Bee** [CSCL20]. **Before** [LCT<sup>+</sup>20]. **Behavior** [LGY16, TMHT96]. **Behavioral** [LCL19, TLSG05, VMS15]. **Belief** [MXP14, SF20]. **Benchmark** [SGJ<sup>+</sup>03, AM95]. **Benchmarking** [Cza17]. **Benchmarks** [TSB03]. **Berlekamp** [Moh19]. **Better** [DCX<sup>+</sup>17, Par86c]. **Between** [BS07, Cza17, AHKR01]. **Bézier** [PGLC<sup>+</sup>18]. **Bias** [DKB<sup>+</sup>09]. **Bidomain** [XOdFV<sup>+</sup>09]. **Big** [APR<sup>+</sup>18, DC20, DX14, HSXH19, KIT<sup>+</sup>20, LT17, RSA<sup>+</sup>18, WTZ<sup>+</sup>19, WTQ21, YS22]. **Billions** [qWlJzKhC17]. **Binaries** [JMSG02]. **Binary** [ABSS19, ABvK<sup>+</sup>13, DPS90, HRC17, LSA<sup>+</sup>07, LYG<sup>+</sup>18, NRGB17, MA87]. **Binding** [Con88]. **Bio** [CSCL20]. **Bio-Inspired** [Mis09, CSCL20]. **Bioinformatics** [VRGC19]. **Biological** [LHP<sup>+</sup>17, ECSS88]. **Biotechnology** [BR14a]. **Bipartite** [BM09]. **BitTorrent** [JJIL15]. **Black** [IS03]. **Blackboard** [Dav87]. **Blade** [SKG09]. **Block** [GRV<sup>+</sup>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<sup>+</sup>17, TTMD23]. **Blue** [MSA<sup>+</sup>07]. **Boltzmann** [SMN09]. **Boost** [HP13]. **Boosting** [KTBP18, LRG14]. **both** [LSM<sup>+</sup>18]. **Bottom** [SKG09]. **Bottom-Up** [SKG09]. **Bound** [Hun91, JGA<sup>+</sup>88]. **Boundaries** [SNB04]. **Bounds** [Hen21]. **BPLG** [LAD15]. **Brain** [NFC<sup>+</sup>09]. **Branch** [BMA02, CHYP96, CEP97, Hun91, JSHP97, KMG01, LJ08, LLSS03, TF96, JGA<sup>+</sup>88]. **Branch-and-Bound** [Hun91, JGA<sup>+</sup>88]. **Breadth** [GAR<sup>+</sup>16]. **Breadth-First** [GAR<sup>+</sup>16]. **Breakdown** [LSHK09]. **Brief** [KPS14]. **Bringing** [GHM14]. **Broadband** [Gsc07]. **Broadcast** [FPY08a, LS05, LM00]. **Broadcasting** [BB90]. **BSHIFT** [YZZ<sup>+</sup>19]. **BSP** [AGT17, FG16, GM20, HMF<sup>+</sup>13, Jak19]. **BSP-Why** [FG16]. **Buffer** [YJY16]. **Bug** [WLWZ15, YZZ20]. **Bugs** [PCJ20]. **Building** [CBR17, DMC<sup>+</sup>18, KTRZ<sup>+</sup>17, TTMD23]. **Burstiness** [RNJ<sup>+</sup>12]. **Bus** [GBPK07]. **Butterfly** [LAD15, Bro86]. **Bypassing** [MS99, OVA04]. **Byte** [KF99]. **Byte-Codes** [KF99]. **Bzip2** [GHDF19]. **C** [BJM20a, BG03, CAZ02, GH96, HG18, HTZ<sup>+</sup>97, LHP<sup>+</sup>22, NLBB23, PB04, SSB<sup>+</sup>17, SNS21, TTF22, YBRM14]. **Cache** [AOAM21, CMW90, FDY<sup>+</sup>19, JQWG15, KKZN12, KSEG14, KD15, LTL15, LGY16, LJE05, NIO<sup>+</sup>03, NBD98, PZL<sup>+</sup>19, PMHC03, RLPN<sup>+</sup>02, Roy10, SNB04, SS01, SS17, SJT13, TKN<sup>+</sup>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<sup>+</sup>09]. **Carlo** [BJM20b, PES<sup>+</sup>18]. **Cartesian** [AKHD13]. **CAS** [MMG04]. **CAS-DSM** [MMG04].

**Cascade** [KTBP18]. **Case** [BKT08, CG94, CGPS18, CML04, DE00, LDHL05, SPS14, TESK06, KM86]. **Categorization** [LYL14]. **Cattle** [KSA<sup>+</sup>18]. **Caused** [MKAP05]. **CCAP** [JQWG15]. **ccNUMA** [NP01]. **CCRP** [BHL21]. **CDMA** [GN20]. **Celerity** [TTF22]. **Cell** [WSO<sup>+</sup>07, BGMR11, Gsc07, OOS<sup>+</sup>08, Sca11, SKG09]. **Cell/B.E.** [Sca11]. **Center** [DFZ21]. **Centers** [AAN<sup>+</sup>20, LVM16]. **Central** [FVvL<sup>+</sup>16]. **Centric** [CM06, FPCD14, KP01]. **Cetus** [BML<sup>+</sup>13, RMG<sup>+</sup>13]. **Challenges** [Bel94]. **Change** [LFHAM19]. **Channel** [Gha19, GL92, HZZS20, WQJY17]. **Channel-Aware** [HZZS20]. **Channels** [FDY<sup>+</sup>19, KLK16, YDV19]. **Characteristics** [SH96, Tic90]. **Characterization** [AVM<sup>+</sup>16, GM20, YDV19]. **Characterizing** [BGdS09, CFX<sup>+</sup>20]. **Charismatic** [LKS<sup>+</sup>20]. **Check** [NRR99]. **Checking** [AKBPV19, Hen21, HMK09, TLSG05]. **Checkpointing** [LNP91, RMG<sup>+</sup>13]. **Chemistry** [CGN<sup>+</sup>09]. **Chinese** [FCZ16]. **Chip** [AO19, AOAM21, GRV<sup>+</sup>17, GG13, Gsc07, JLDf19, JDF20, KKZN12, KSEG14, KT01, LS07, MVB<sup>+</sup>06, OP12, OBB<sup>+</sup>24, PM07, TGT18, TESK06, ZK07, ZGH<sup>+</sup>15, ZC09, AH08]. **Chip-Multi** [AOAM21]. **Chip-Multiprocessors** [GRV<sup>+</sup>17, TGT18]. **Chips** [NCR<sup>+</sup>19]. **choice** [BS89]. **Cholesky** [GN89]. **church** [Ano86a]. **Circuit** [PMV17, WPC07]. **circuits** [BH87]. **CISL** [MPR<sup>+</sup>05]. **Cities** [KIT<sup>+</sup>20]. **Clairvoyant** [SY08]. **Class** [BEP13, MPR<sup>+</sup>05, IPR<sup>+</sup>05]. **Class-Based** [MPR<sup>+</sup>05]. **Classification** [CHYP96, CS20, KTBP18, Mon97, NAS23, QZP15]. **Cleaning** [MCT<sup>+</sup>18]. **Clearance** [GAK20]. **Climate** [HNC<sup>+</sup>16, LHF<sup>+</sup>15]. **Cloaking** [MS99]. **CLOMP** [BGdS09]. **Closure** [CAP88, KP95, KPRS96, VK88]. **Cloud** [AAI<sup>+</sup>20a, AAI<sup>+</sup>20b, CAK17, DS20, HZL16, HC17, JM20, JQWG15, KJHB14, RLH14, WQJY17, XZX<sup>+</sup>15, XLWX19, uRHH14]. **Cloud-Based** [AAI<sup>+</sup>20a, AAI<sup>+</sup>20b]. **Clouds** [JAW17, LTF<sup>+</sup>12, LCT<sup>+</sup>20]. **Cluster** [CYS16, EAT14, ES11, FPCD14, LJ09, LTL15, LSYG15, MLdIP02, NIK00, SCB<sup>+</sup>14, YS22]. **Cluster-Based** [FPCD14, LJ09]. **Clustered** [CPG01, GBPK07]. **Clustering** [ANS20, BABW14, CS20, CAP88, DMC91, FCZ16, LKS<sup>+</sup>20]. **Clusters** [BEA<sup>+</sup>19, BS03, BC15, DWQ17, EAK21, FPY08a, GCD<sup>+</sup>03, GSY<sup>+</sup>13, HC17, HOZ06, QA11, RPF18, TTF22, WK20]. **CMP** [DLX<sup>+</sup>17, LTL15]. **CMPs** [BHJ06, FC11, KKZN12, LGY16]. **CNN** [SHS21]. **CNNs** [SWG<sup>+</sup>18]. **Co** [GRAG00, MPR<sup>+</sup>05, NB15]. **Co-Generation** [MPR<sup>+</sup>05]. **Co-operation** [NB15]. **Co-Scheduling** [GRAG00]. **Coarse** [CSF<sup>+</sup>20, NIO<sup>+</sup>03, PSM97, SSM21, WW17, AD89]. **Coarse-Grain** [PSM97]. **Coarse-Grained** [CSF<sup>+</sup>20, SSM21, WW17]. **Code** [AKBPV19, ABTZ00, BTB<sup>+</sup>13, CPG01, GBLG10, GK94, HBC23, HRC17, JS10, KaM10, KAMAMA17, LF15, LC11, MGW99, MCA98, MP04, NRB94, NLBB23, ÖO07, PB04, TFEK16, TF94, WNMW16, WK20]. **Coded** [WHC<sup>+</sup>24]. **Codes** [CAZ02, ELGE17, HTK98, KF99, RMG<sup>+</sup>13, SF20]. **Coding** [DLRS13, MB12b, SSEA14, YMW<sup>+</sup>17]. **Coflow** [CLL21]. **Coherence** [CMW90, FC11, KSEG14, MPAG18, PMM<sup>+</sup>18, SNB04, SMH21, YDV19, BCK98]. **Coherence-Free** [PMM<sup>+</sup>18]. **Coherent** [SS01, TGT18]. **Cohesion** [KKSP18]. **Collaborative** [Gen16, JCW<sup>+</sup>18, VSDK09, WLWZ15]. **Collection** [Cra88, AH86]. **Collective** [BG17, FPY08b, IBA11, KSTF24]. **Collector** [Fos89, LWLG11]. **Colluding** [AKA<sup>+</sup>20]. **Colony**

[ASG20, CSCL20, dMMHdLN21].  
**Combinatorial** [MAT23]. **Combining** [ABASS12, GV95, GH89, HSCI<sup>+</sup>16, LSM<sup>+</sup>18, LLSS03, RK92, SMC94, WMC98].  
**Coming** [LS07]. **Commands** [GYL92].  
**commentary** [Lin88a]. **Comments** [Swa88].  
**Commercial** [NYHA14, RLPN<sup>+</sup>02].  
**committed** [BS89]. **committed-choice** [BS89]. **Common** [BEJD21]. **Communal** [BKK20, BKK23]. **communicating** [Mai87, RS90]. **Communication** [AAN<sup>+</sup>20, AH08, BG17, CTB14, GAR<sup>+</sup>16, GL95, IBA11, IKN00, JQJ<sup>+</sup>16, KHH08, KKZN12, KSTF24, KT01, KTT<sup>+</sup>99, LM00, MMN15, MEP07, MO91, OPLS17, PSM97, RGB<sup>+</sup>08, TOM<sup>+</sup>11, TA99, WZTH13, MO90].  
**Communication-Avoiding** [MMN15].  
**Communication-Driven** [TOM<sup>+</sup>11].  
**Communications** [HZSS20, Mon97].  
**Compaction** [DH00, KGK20, PYX17].  
**Compactors** [ZC09]. **Comparative** [BFRPVR<sup>+</sup>15, HPVRPF15, LMPS05, YS22].  
**Compare** [FLD15, Sun11].  
**Compare-and-Swap** [FLD15, Sun11].  
**Comparison** [BS07, DMC<sup>+</sup>20, HMF<sup>+</sup>13, OP10, SS01, ECSS88, FT87, GE89, Hua89, Kas86].  
**Compatibility** [CS97]. **Competitive** [Gen16]. **Compilation** [AVLV03, GBLG10, HmWHR97, JB98, KL00]. **Compile** [KCW<sup>+</sup>05, vdSGBW08]. **Compile-Time** [KCW<sup>+</sup>05]. **Compile/Run** [vdSGBW08].  
**Compile/Run-time** [vdSGBW08].  
**Compiler** [AZK<sup>+</sup>18, ALPS19, BML<sup>+</sup>13, BKT08, CGN<sup>+</sup>09, CTK<sup>+</sup>11, CP04, CFB94, CEH13, EM13, FKM<sup>+</sup>11, GBC<sup>+</sup>08, HTK98, JCD<sup>+</sup>14, Ken94, KTT<sup>+</sup>99, LCF21, LEL<sup>+</sup>99, MMG04, MO91, MCA98, MAB<sup>+</sup>11, PB04, RMG<sup>+</sup>13, RBES00, SSP<sup>+</sup>00, SBC17, SG00, TMHT96, TJY99, YZ13].  
**Compiler-Assisted** [RMG<sup>+</sup>13, LCF21].  
**Compiler-Generated** [JCD<sup>+</sup>14, MCA98].  
**Compiler-Parallelized** [HTK98, TMHT96].  
**Compiler-Towards** [SSP<sup>+</sup>00]. **Compilers** [HML<sup>+</sup>20, MPR<sup>+</sup>05, ME15, SGK12].  
**Compiling** [HTZ<sup>+</sup>97]. **Complementary** [LkCH94]. **Complete** [BdS07]. **Complex** [AMP<sup>+</sup>05, CHCL14, fS18]. **Complexity** [DFH17]. **Component** [EFED05, MLdlP02, fSxWC18].  
**Component-Based** [MLdlP02].  
**Components** [DKB<sup>+</sup>09, DJR16].  
**Composability** [CB19]. **Composable** [AMP<sup>+</sup>05]. **Composed** [LWF<sup>+</sup>19].  
**Composition** [GVB<sup>+</sup>06, GGV18, HHC<sup>+</sup>15, RK13].  
**Compositional** [EHKT07, TLSG05].  
**Comprehensive** [OATGEL15a].  
**Compressed** [KK11]. **Compression** [BABW14, HNC<sup>+</sup>16, KKMS99, TSS99, VHK<sup>+</sup>18]. **Computation** [BG17, BEP13, CJA00, Cza17, DMMS91, FLMR02, HSCI<sup>+</sup>16, JAW17, KSBN22, LEA15, MCWK01, MNN22, NdMM09, PGLC<sup>+</sup>18, Ric90, SSM21, Ski91, SSB21, KMV87, MA87]. **Computation-Oriented** [SSM21]. **Computational** [HLK<sup>+</sup>09, LLL<sup>+</sup>15]. **Computations** [HKJ<sup>+</sup>18, IH04, JLV21, NST89, PMHC03, SBC17, VCP<sup>+</sup>16, YH18, LRG<sup>+</sup>91, SS89, TKM89, Wai87]. **Compute** [LSM<sup>+</sup>18, SR15]. **Compute-intensive** [LSM<sup>+</sup>18]. **Computer** [ACC<sup>+</sup>02, Ano18a, DB08, DMC91, Kuc94, MCE13, MGJS15, MB12a, PVG17, RJO22].  
**Computers** [Bel94, GHC<sup>+</sup>17, HOZ06, MLdlP02, Ano87d, Gao86]. **Computing** [APR<sup>+</sup>18, ACD<sup>+</sup>16, Ano16b, Ano18b, Ano19, BE14, Car09, CTP13, CSF<sup>+</sup>20, CGPS18, CSTGL03, DDD<sup>+</sup>19, DFH17, Den94, DS20, FBV21, FKT12, GWYQ18, Gha19, HMF<sup>+</sup>13, HdMMK22, HK23, HDK24, HLS15, HS16, JM20, KJHB14, LLGC17, LRG14, MB12a, OATGEL15b, OG11, PLN<sup>+</sup>04, RLH14, SM09, SZ17, SWG<sup>+</sup>18, TG21, TRL09, TAY<sup>+</sup>12, TFPF18, VCP<sup>+</sup>16, WTZ<sup>+</sup>19, WTQ21, WSO<sup>+</sup>07, WGW04, YS22, YFC21, Zha10, ZZS<sup>+</sup>19, NK88, DB08].

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



**CPU/GPU** [GGV17, SSB<sup>+</sup>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<sup>+</sup>20]. **CSP** [FcF87]. **CTA** [YHGW16]. **Cuckoo** [DS20]. **CUDA** [HLP11, HF14a, HF14b, KAMAMA17, LRG14, MGL<sup>+</sup>17]. **Curve** [Bos12]. **Custom** [MCFM12]. **Customization** [GSY<sup>+</sup>13]. **Customized** [ASG20]. **Cycle** [FCJV99, HZZS20, SAB11, TGT18, dMP<sup>+</sup>03]. **Cycle-Approximate** [TGT18]. **cyclic** [JB98]. **Czip** [HNC<sup>+</sup>16].

**D** [BC15, CTB14, ES11, HPVRPF15, HF14a, HF14b, IBA11, JGM15, LLGC17, LHP<sup>+</sup>17, SJKA99, fSxWC18, SBC17]. **D-Stacked** [LHP<sup>+</sup>17]. **DAFT** [ZLJA12]. **Daily** [Ano87c]. **DancerFly** [JDF20]. **Data** [APR<sup>+</sup>18, AKHD13, ABTZ00, Ano16d, AMKE18, ALPS19, AJF16, ANS<sup>+</sup>12, ALG<sup>+</sup>95, BARSW95, BS03, BBGM95, BG96, BCL17, CFB94, CAK17, CAT18, DDD<sup>+</sup>19, DM17, DC20, DTLW16, DMC<sup>+</sup>20, DX14, DFZ21, DLX<sup>+</sup>17, DJS12, EW96, EK17, ELGE16, FJA<sup>+</sup>18, FRT<sup>+</sup>18, FPCD14, GSP<sup>+</sup>17, GG14, GL18, GV99, GYL92, GB20, HSCI<sup>+</sup>16, HZZ<sup>+</sup>19, HRH08, HHW20, HP13, HGT<sup>+</sup>12, HTmG<sup>+</sup>12, HNC<sup>+</sup>16, IR19, KIT<sup>+</sup>20, KTF23, KP01, KP04, LSA<sup>+</sup>07, LTL15, LVM16, LT17, LSM<sup>+</sup>18, LWLG11, LHF<sup>+</sup>15, MXP14, MHL95, MCWK01, MTT15, NRR99, NP19, NAP02, NLRH07, OK99, PCJ18, PMHC03, RSA<sup>+</sup>18, RG15, RS90, Ric90, RSJ<sup>+</sup>14, SdLC21, SNB04, SS99, SL14, SQH92, SR04, SH15, SASH12, TESK06, TFMP97, TMXS24, VVCA23, WTZ<sup>+</sup>19, WSC20, WTQ21, WHC<sup>+</sup>24, WB87, WE18, WW17, XZT20, XH98, YAI95, YWW<sup>+</sup>19, YS22, YLB19, ZLA21]. **Data** [vdSGBW08, CG94, Gao86, Kas86, Win89].

**Data-** [LSM<sup>+</sup>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<sup>+</sup>92]. **Datacenters** [BHL21]. **Dataflow** [BS15, CGPS18, CZTM03, Fea91, FBGEL19, JCW<sup>+</sup>18, LS98, NRB94, NG92, OGP<sup>+</sup>16, TB23, WGF<sup>+</sup>16, ZD19]. **Dataflow-Based** [JCW<sup>+</sup>18]. **Dataflow-Inspired** [OGP<sup>+</sup>16]. **Datapath** [SdLC21]. **Datasets** [MV17]. **Daytime** [fS18]. **DCF** [JCW<sup>+</sup>18]. **dCompaction** [PYX17]. **Deadlock** [LWDL17]. **Deanonymization** [GWHY19]. **Debugging** [BBGM95]. **Declarative** [KTF23]. **Decomposed** [WEJS94]. **Decomposition** [ADC<sup>+</sup>17, BUMS02, KKKS24, QZP15, YYYYX20]. **Decomposition-Based** [QZP15]. **Decoupled** [ZLJA12]. **Deductive** [FG16]. **Dedup** [DCX<sup>+</sup>17, GHDF19]. **Deduplication** [DCX<sup>+</sup>17]. **Deep** [CLL21, FFS18, GVB<sup>+</sup>06, HZZ<sup>+</sup>19, MFC21, PVF21, QGT<sup>+</sup>19, WQZ<sup>+</sup>24, YZZ<sup>+</sup>19, ZJL22]. **DeeperThings** [SHS21]. **Defect** [OB13]. **Defend** [FDY<sup>+</sup>19]. **Defense** [YDV19]. **Define** [JACK20]. **Defined** [CSCL20, KWA<sup>+</sup>10, KIT<sup>+</sup>20, NSU22, RMH21, DM87]. **definite** [GHLN86]. **Definition** [OK99]. **Degree** [AK17]. **Delay** [BMA02, NST89]. **Delayed** [PYX17]. **Delta** [WHC<sup>+</sup>24]. **demand** [JK86]. **demand-driven** [JK86]. **Demonstrating** [ACC<sup>+</sup>02]. **Denotational** [Hud86]. **Dense** [KFC08, MVB<sup>+</sup>06]. **Dependence** [ABTZ00, DV97, GV95, KP04, MHL95, Mon97, NP19, SW95, YAI95, WB87]. **Dependencies** [CDRV98, DSR17]. **Dependencies** [CH95, JB98]. **Dependency** [MWES19, WTZ<sup>+</sup>19]. **Dependency-Aware**

[WTZ<sup>+</sup>19]. **Dependent** [DFA<sup>+</sup>09, VMS15]. **Deployed** [AAN<sup>+</sup>20]. **Deployment** [PK20]. **Depth** [PTdSF<sup>+</sup>12, ZJL22, KR87, RK87, SJW22]. **Derivation** [MLdlP02, SO89]. **Derivative** [Boh23]. **Derived** [NFC<sup>+</sup>09]. **Deriving** [Wai87]. **Description** [ARB<sup>+</sup>05, MPR<sup>+</sup>05]. **Descriptions** [GmWHR98, KP05]. **Design** [ACD<sup>+</sup>14, AML<sup>+</sup>10, AR16, BC10, BDD<sup>+</sup>18, BS91, CHB06, CDC09, CZTM03, DMK21, FVvL<sup>+</sup>16, HLK<sup>+</sup>09, KHH08, KWA<sup>+</sup>10, KS97, LMHW18, MB99, MARC24, MWHS24, OGP<sup>+</sup>16, PG07, PP10, RK13, SSP<sup>+</sup>00, SY08, TLSG05, TKN<sup>+</sup>08, WLL<sup>+</sup>08]. **Designing** [BKK20, BKK23, SCB<sup>+</sup>14]. **Desktop** [GS13]. **Detailed** [LLGC17]. **Detect** [DS16]. **Detecting** [AKA<sup>+</sup>20, SW95]. **Detection** [CLJH16, CRM17, DV97, HPY01, HTDL18, Jan15, KSJ14, LFHAM19, MTT15, NSU22, NRGB17, fSxWC18, fS18, WLWZ15, YWW<sup>+</sup>19, YLB19, ZQT20, Tho87]. **Detection/Correction** [HTDL18]. **Determinism** [SÜCV17]. **Deterministic** [EVK22, PTD<sup>+</sup>06, ZC17]. **Developing** [CEH13, EHKT07, GHC<sup>+</sup>17]. **Development** [Dam07, TCUV14, dMP<sup>+</sup>03]. **Device** [GZJ18, MFGEL19]. **Devices** [AER<sup>+</sup>17, AGPGF14, Dam07, JQJ<sup>+</sup>16, KKKS24, SHS21]. **DFA** [KJHB14]. **Diagnosis** [GKC22]. **Diagnostics** [RC16]. **Diagonalization** [HOZ06]. **Difference** [Ger10]. **Different** [DMC<sup>+</sup>20, GWPV21, JCH<sup>+</sup>08]. **Differentiated** [AKT<sup>+</sup>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<sup>+</sup>14, Hue97, Zha89]. **Directives** [AAB<sup>+</sup>16, HSCI<sup>+</sup>16]. **Discontinuous** [CF19]. **Discovery** [GHC<sup>+</sup>17, KSTF24]. **Discrete** [Dem11, PPQV16, SSB21]. **Disjoint** [SH15]. **Dispatcher** [SY08]. **Dispersion** [RSV<sup>+</sup>05]. **Distance** [BEP13, HGT<sup>+</sup>12, KAI20]. **Distributed** [AKA<sup>+</sup>20, BS03, BR14b, Boh23, CY14, CCL12, CR19, CHCL14, CSTGL03, DS97, DZW10, EK14, FSS06, FPCD14, FBGEL19, GHM14, GL95, HK23, HOZ06, JLJ<sup>+</sup>18, JAW17, KTF23, LWL<sup>+</sup>19, Lin91a, LHP<sup>+</sup>22, MP91, MMG04, MBE03, MVD<sup>+</sup>14, NIK00, OATGEL15b, OG11, PLN<sup>+</sup>04, PS23, SNB04, SW16, SB91, SHS21, TTF<sup>+</sup>08, TTMD23, qWlJzKhC17, WTL<sup>+</sup>23, WQZ<sup>+</sup>24, AH86, GS90, GT86, PW87, RB86, RS90, TKM89, Tho87, Sek09]. **Distributed-Memory** [FBGEL19]. **Distributed-Memory** [BS03, TTMD23, qWlJzKhC17]. **Distributed-Order** [Boh23]. **Distributing** [HHW10]. **Distribution** [ALG<sup>+</sup>95, HSCI<sup>+</sup>16, NAP02, SSP<sup>+</sup>96]. **Distributions** [AKHD13]. **Divergent** [LVJ22]. **Divide** [MFC21]. **Divide-and-conquer** [MFC21]. **Divisible** [RSJ<sup>+</sup>14]. **DMR** [ZC17]. **DNN** [LCF21, WTL<sup>+</sup>23]. **Do** [Kuc94]. **DocChip** [TRD21]. **Document** [LKS<sup>+</sup>20, TRD21]. **Domain** [CB19, GF14, TFEK16, WL16, WK20, RK13]. **Domain-Based** [GF14]. **Domain-Specific** [WK20]. **Dominance** [Spr92]. **Dominating** [DWS16]. **Double** [KJPN10, LLM<sup>+</sup>12]. **Double-Precision** [KJPN10]. **Downsampling** [LTS15]. **DRAM** [SJW22, WMN<sup>+</sup>17, ZLJ<sup>+</sup>17]. **DRAMSpec** [WMN<sup>+</sup>17]. **DRAMSys4.0** [SJW22]. **Driven** [AMKE18, CPMC96, DTLW16, GRC<sup>+</sup>14, RNJ<sup>+</sup>12, TOM<sup>+</sup>11, TESK06, VNU19, XH98, JK86, Kas86]. **Driver** [GZJ18]. **Drives** [YJY16]. **DRL** [CLL21]. **Drone** [MMD21]. **dRuby** [Sek09]. **DS** [GN20]. **DSM** [BAP01, MMG04, WLL<sup>+</sup>08]. **DSMs** [HTK98, KVG18]. **DSP** [SHK13]. **DSParLib** [LHP<sup>+</sup>22]. **Dual** [WS08]. **Dual-thread** [WS08]. **Duo** [BKT08].

**Duplication** [CKC22]. **Duty** [HZS20].  
**DVFS** [CKC22]. **DynaCo** [SMH21].  
**Dynamic** [ABvK<sup>+</sup>13, CPG01, CR19, CS97, CML04, EWHS11, GAG22, Hue97, JK12, JM20, JCD<sup>+</sup>14, KCW<sup>+</sup>05, LSA<sup>+</sup>07, LTF<sup>+</sup>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<sup>+</sup>11].  
**Dynamics** [ACC<sup>+</sup>02]. **DySHARQ** [RMH21]. **DyTO** [JM20].  
**Eager** [SAL16]. **Early** [PYC16, TA99].  
**EARTH** [HTZ<sup>+</sup>97, HMT<sup>+</sup>96].  
**EARTH-MANNA** [HMT<sup>+</sup>96]. **Eat** [CHSC18]. **Economics** [LCL19, YBDJ17].  
**Ecosystem** [RSA<sup>+</sup>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<sup>+</sup>17, LT17, MCE13, MGJS15, MGD<sup>+</sup>14, OG11, PP10, PVG17, RJO22, SGK12, SS10, TG21, TFPF18, ZZS<sup>+</sup>19].  
**Editors** [SMM11, HF06, AM07b, CHS99, CmHS99, EmH97, FmH96, GSA08, GS05, HN94].  
**Effect** [NPD89, BCK98]. **Effective** [CPMC96, HGT<sup>+</sup>12]. **Effectiveness** [GYP22, MHL95, PYC16, SBN03]. **Effects** [HRH08, TF96]. **Efficiency** [BBB<sup>+</sup>17, EGK23, KTBP18, STF<sup>+</sup>12, SWZ<sup>+</sup>15].  
**Efficient** [ASS24, ABvK<sup>+</sup>13, BR97, BEP13, BCL14, BFG<sup>+</sup>10, CR19, CPT14, CL96, CKC22, EAT14, FPY08a, Fea92b, FVvL<sup>+</sup>16, GSP<sup>+</sup>17, GG14, GN20, GL18, GAK20, GS06, GRR98, GHC<sup>+</sup>17, GmWHR98, HZZ<sup>+</sup>19, IP90, IBA11, JGM15, KDV22, KP05, LNP91, LS05, LNG12, LWLG11, LMHW18, LWGZ18, NRR99, NdMMW16, QRW00, RPF18, RSP20, RLEJ19, Roy10, SRS06, SSNS16, SL14, SSP<sup>+</sup>96, SS23, SO89, SKAT91, SHC15, SHZ<sup>+</sup>14, SJT13, TTF<sup>+</sup>08, WZTH13, WQZ<sup>+</sup>24, XZX<sup>+</sup>15, YJY16, YLB19, Fea92a, Hua89]. **Efficiently** [EGJS15, HR11, JMSG02]. **Elastic** [GG13, YBDJ17]. **ElasticActor** [ZLC<sup>+</sup>19].  
**Electronics** [GWPV21]. **Element** [MCT<sup>+</sup>18, RG15]. **Elements** [qWlJzKhC17].  
**Eliminate** [KTT<sup>+</sup>99]. **Eliminating** [HTK98]. **Elliptic** [Bos12]. **Embedded** [Ano18a, Ano21b, AF15, CHB06, CFF<sup>+</sup>06, DLRS13, DLX<sup>+</sup>17, Giv07, Giv08, KTBP18, LMPS05, MSJ20, MCE13, MGJS15, MAB<sup>+</sup>11, Pan08, PP10, PVG17, PO07, PPEP08, RJO22, SSM21, TLSG05, TFEK16, TGT18, US05]. **Embedding** [Li03, CSG89].  
**Emergency** [GAK20]. **Emerging** [HP13, JACK20, TG21, ZZS<sup>+</sup>19]. **Empirical** [CCG<sup>+</sup>14, LDHL05, PMV17, SSMO96, YYYX20]. **Employing** [CS97, KKKS24].  
**Emulation** [OBB<sup>+</sup>24]. **Emulator** [WCC16].  
**Enable** [HP13, ID08, TAY<sup>+</sup>12]. **Enabled** [Boh23, FKM<sup>+</sup>11, GZJ18, GSY<sup>+</sup>13, JACK20, MMD21, SAI<sup>+</sup>20, RA09].  
**Enabling** [GZJ18, SdLC21, SMDJ19].  
**Encore** [GTK<sup>+</sup>88]. **Encryption** [AAI<sup>+</sup>20b, KBD03, NdMMW16, AAI<sup>+</sup>20a].  
**End** [LSHK09]. **End-to-End** [LSHK09].  
**Endpoint** [JLDF19]. **Energy** [AVLV03, CPT14, CKC22, EAT14, FVvL<sup>+</sup>16, HYBA18, KAI20, LMHW18, Mar17, SSM21, SJT13, VCP<sup>+</sup>16, XLWX19].  
**Energy-Aware** [Mar17, XLWX19].  
**Energy-Constrained** [VCP<sup>+</sup>16].  
**Energy-Efficient** [CKC22, EAT14, FVvL<sup>+</sup>16, LMHW18, SJT13]. **Engine** [BC15, RLK20, Gsc07]. **Engineering**

[CPT14, KaM10]. **Engines** [MCFM12]. **Enhanced** [ABASS12, FMSG17, GRAG00, RY20, RY22, RSJ<sup>+</sup>19]. **Enhancement** [AMP01, CYS16, HML<sup>+</sup>20, KP01, LCL17, SAI<sup>+</sup>20]. **Enhancing** [ACC<sup>+</sup>01, GYP22, MP95, SZH18]. **Ensembles** [ASW<sup>+</sup>15]. **Enterprise** [LVM16]. **Enumeration** [AG98, GL18]. **Environment** [AFM<sup>+</sup>06, AA15, BFG<sup>+</sup>10, DMMP18, MFG<sup>+</sup>08, QFRA19, SQH92, UWF<sup>+</sup>20, vdSGBW08]. **Environments** [BCS<sup>+</sup>09, BFRPVR<sup>+</sup>15, Car09, CCL12, CAK17, GWPV21, HHW10, HdMMK22, HK23, HDK24, KJHB14, LLM16, PCJ20, TTF<sup>+</sup>08, XLWX19, BCL90, Con88]. **Epidemic** [LEA15]. **Equation** [CTB14, ES11]. **Equations** [LM00, XOfV<sup>+</sup>09]. **Equivalence** [AKBPV19]. **equivalences** [Mai87]. **Era** [AATD20, ABB<sup>+</sup>10, DX14]. **Erasure** [WHC<sup>+</sup>24]. **Erasure-Coded** [WHC<sup>+</sup>24]. **Erlang** [BDH<sup>+</sup>14, STB<sup>+</sup>18]. **Erratum** [Ano03, FLMR17a, HF14b, uHKAMFM16a]. **Error** [DFC<sup>+</sup>07, Moh19, ÓA21, RLK20]. **ESL** [GHR20]. **Estimating** [DMC<sup>+</sup>20, HGT<sup>+</sup>12, KK20]. **Estimation** [DKB<sup>+</sup>09, GHR20, KMG01, LPF16, LLL<sup>+</sup>15, MVD<sup>+</sup>14, TSS99, YYYX20]. **Evaluating** [AM95, BCK98, SCB<sup>+</sup>14, TF96]. **Evaluation** [AMAH01, BML<sup>+</sup>13, BS15, BEG<sup>+</sup>10, CCL12, CDC09, DMC<sup>+</sup>18, FC11, GBPK07, GWPV21, IPR<sup>+</sup>05, JGP<sup>+</sup>18, JCH<sup>+</sup>08, KHH08, LCL17, ME15, NRB94, NP19, OATGEL15a, PVAE98, SSMO96, TSB03, CSG89, LAV98, VK88]. **Even** [DCX<sup>+</sup>17]. **Event** [Dem11, PPQV16, RNJ<sup>+</sup>12, WZG<sup>+</sup>17]. **Event-Driven** [RNJ<sup>+</sup>12]. **Eviction** [GSP<sup>+</sup>17]. **Evolution** [ACD<sup>+</sup>16]. **Evolutionary** [ACD<sup>+</sup>16, HSM<sup>+</sup>24, MWHS24, PB01, STB<sup>+</sup>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<sup>+</sup>06, DJS12, EAT14, FM09, GS06, GL95, JSHP97, KLG08, KGK20, LLL<sup>+</sup>15, LEG11, LCL17, Lys08, MFG<sup>+</sup>08, OGP<sup>+</sup>16, SNB04, SAS18, SB91, SBC17, TTF<sup>+</sup>08, Tic90, TF96, VVCA23, WE18, Ali86, Gol88, Kas86, KM86, SRV88]. **exemplified** [Tho87]. **Expansion** [BCC00]. **Experience** [Hal86, HmWHR97, RMG<sup>+</sup>13, SCB<sup>+</sup>14]. **Experiences** [CEH13, NP98]. **Experimental** [AFM<sup>+</sup>06, IPR<sup>+</sup>05]. **Experiments** [Hun87, NPT86]. **expert** [KM86]. **Explainable** [HSM<sup>+</sup>24]. **Explicit** [BP17, DMC<sup>+</sup>18, Ger10]. **Explicitly** [LMP98]. **Exploit** [ADC<sup>+</sup>17]. **Exploiting** [BS03, Gsc07, GL92, JG97, JLDS16, LS98, SASH12, VCP<sup>+</sup>16, YDV19]. **Exploration** [CZTM03, KWA<sup>+</sup>10, MSJ01, MWHS24, PMM<sup>+</sup>18, SEP08, WMN<sup>+</sup>17]. **Exploring** [AHKR01, FVvL<sup>+</sup>16, PG07]. **Exponentiations** [NdMM09]. **Expose** [GV95]. **Express** [GZJ18, JQJ<sup>+</sup>16]. **Expression** [AFO<sup>+</sup>08, Sca11]. **Extend** [DFA<sup>+</sup>09]. **Extended** [BG03, DDD<sup>+</sup>19, Sch92, YAI95]. **Extending** [ABB<sup>+</sup>10, ML15]. **Extensibility** [CB19]. **Extensible** [CP04, SHK13]. **Extension** [BG03, CFB94]. **Extensions** [API03, CZTM03, RSJ<sup>+</sup>19, SG00, TMXS24]. **external** [CSF<sup>+</sup>20]. **Extracted** [KP04]. **Extracting** [PJS<sup>+</sup>05]. **Extraction** [AER<sup>+</sup>17, JK12, LKS<sup>+</sup>20]. **Fabrics** [GBC<sup>+</sup>08]. **Face** [LYG<sup>+</sup>18]. **FACILE** [GMP89]. **Factor** [BTB<sup>+</sup>13, MXP14]. **Factorization** [DZW10, LKS<sup>+</sup>20, GN89]. **Failure** [GCD<sup>+</sup>03, Mai87]. **failures** [TKM89]. **Fair** [Lin91a]. **FAIRIO** [AKT<sup>+</sup>14]. **Fairness**

[FK87]. **False** [GMB95, MWES19]. **Family** [PVAE98]. **Farm** [EK14, JBB21]. **Fast** [BC15, CS16, HNC<sup>+</sup>16, JGP<sup>+</sup>18, JLMW15, Joh94, Ken01, KT01, NIK00, RGB<sup>+</sup>08, SMC94, SHLJ17, TA99, WZTH13, XZT20]. **Fast-Fits** [Joh94]. **FastFlow** [TTMD23, TRB<sup>+</sup>24]. **Fault** [AKHD13, CJS21, DFZ21, EAT14, GWYQ18, GJR09, Gha19, HTDL18, LJ09, MEP07, NAS23, NRR99, WGF<sup>+</sup>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]. **File** [ALTT17, AVLV03, CND95, KK11, Mar09, ZLAV04]. **Fill** [BMA02]. **Filter** [HSM<sup>+</sup>24]. **Filtering** [JCW<sup>+</sup>18]. **Filters** [MKAP05, WdSAM<sup>+</sup>17]. **Find** [CAP88, KP95]. **Finding** [KLK16]. **Fine** [BG96, CTK<sup>+</sup>11, DV97, GL92, PSM97, SDH22, SZH18, WTQ21]. **Fine-** [PSM97]. **Fine-Grain** [BG96]. **Fine-Grained** [CTK<sup>+</sup>11, GL92, SDH22, SZH18, WTQ21]. **Finite** [BR97, Ger10, MCT<sup>+</sup>18, RG15]. **First** [GAR<sup>+</sup>16, KS90, MKAP05, KR87, RK87]. **First-Level** [MKAP05]. **Fish** [WMK19]. **Fits** [Joh94]. **Fix** [HZZ<sup>+</sup>19]. **fixed** [Ano86a]. **Fixpoints** [Ano87c]. **Flat** [FT87, TSS86]. **Flexible** [ELK18, KHH08, KKZN12]. **Flight** [SI11]. **Float** [HZZ<sup>+</sup>19]. **Float-Fix** [HZZ<sup>+</sup>19]. **Flow** [Ano16d, AmWHM99, BG96, FM09, GG14, GYL92, GV95, KHT21, KSB22, KTF23, MCA98, MJ02, NRR99, SBN03, Gao86, RS90]. **Flower** [MSJ20]. **Flows** [YKM03]. **Fly** [JDF20, KSJ14]. **Flying** [LCT<sup>+</sup>20]. **FOG** [SHLJ17]. **FORAY** [ID08]. **Forecast** [BBB<sup>+</sup>17]. **Forecasting** [MMD21]. **Forensics** [ZXY<sup>+</sup>15]. **Forest** [YWY<sup>+</sup>18]. **ForestGOMP** [BFG<sup>+</sup>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<sup>+</sup>24, SCS23]. **FPGA-Accelerated** [BETK24]. **FPGA-Based** [MCFM12, OBB<sup>+</sup>24]. **FPGAs** [STM15, VNU19]. **Fractal** [MP04, SC88]. **Fractional** [Boh23, JLMW15]. **Framework** [ASW<sup>+</sup>15, ASS21, AmWHM99, BKK20, BKK23, BFS05, CP04, CHB06, CB19, DKB<sup>+</sup>09, EWHS11, EHK07, FJA<sup>+</sup>18, GWYQ18, GHR20, JK12, KHH08, KKS18, LFHAM19, MGL<sup>+</sup>17, PG07, SHLJ17, SW16, SBC17, SJW22, TLSG05, TRL09, VFIN12, YWW<sup>+</sup>19, ZGH<sup>+</sup>15, ACD<sup>+</sup>14, LP94]. **Frameworks** [Ano19, DX14, OP10, WTZ<sup>+</sup>19, WTQ21]. **Free** [AR16, FLD15, LFD17, MARC24, PMM<sup>+</sup>18, SMC94, Sun11, WTL<sup>+</sup>23, IP90, Lan90]. **Friendly** [HZZ<sup>+</sup>19, OOR13]. **Frontiers** [Ano16b, CTP13, FKT12, TFPF18]. **FSI** [HAA<sup>+</sup>11]. **FT** [CFX<sup>+</sup>20]. **FT-2000** [CFX<sup>+</sup>20]. **Full** [AK90a, GZJ18, MVD<sup>+</sup>14]. **Fully** [LF15, SHS21]. **Functional** [ADC<sup>+</sup>17, ACC<sup>+</sup>01, AJF16, BARSW95, BFS05, GMP89, GS06, Hud86, KH18, Mat17, PC13, Gol88, Wai87]. **Functions** [ACC<sup>+</sup>01, CFF<sup>+</sup>06, DMC<sup>+</sup>18, SNS21]. **Fusion** [EM14, Ken01, LZ17]. **Fuzzy** [GE90, KK20]. **Galerkin** [CF19]. **Games** [CYS16]. **Garbage** [Cra88, Fos89, LWLG11, AH86]. **Gateway** [AML<sup>+</sup>10]. **Gaussian** [MVB<sup>+</sup>06].

**GCC** [FKM<sup>+</sup>11]. **GCD** [ABSSS19]. **GCM** [GHM14, MSPR18]. **Gemini** [OXL<sup>+</sup>17]. **Gene** [AFO<sup>+</sup>08, MSA<sup>+</sup>07]. **Gene/L** [MSA<sup>+</sup>07]. **General** [DDJ<sup>+</sup>18, IP90, IH04, WP00, SS89]. **General-Purpose** [WP00]. **Generalization** [PMV17, WW17]. **Generalized** [GYL92, FcF87]. **Generate** [MGW99, BS89]. **generate-and-test** [BS89]. **Generated** [JCD<sup>+</sup>14, MCA98]. **Generating** [AK17, ALTT17]. **Generation** [BTB<sup>+</sup>13, BEJD21, CL96, Dar05, JW16, MPR<sup>+</sup>05, QRW00, SR90, SSB<sup>+</sup>17, TFEK16, qWlJzKhC17, WK20]. **Generator** [CPL<sup>+</sup>10, EVK22]. **Generic** [BJM20a, GJK<sup>+</sup>05, GW19, MAT23, MCT<sup>+</sup>18, SM16, ZJL22]. **Genetic** [AMAH01, BM09, GKC22, MB12b, SO89]. **Genome** [BEA<sup>+</sup>19, OOR13]. **geometric** [SS89]. **Ghost** [MS11, KTRZ<sup>+</sup>17]. **Girth** [WS15]. **Given** [AK17]. **Glacial** [AW98]. **GLE** [DCX<sup>+</sup>17]. **GLE-Dedup** [DCX<sup>+</sup>17]. **Global** [AH86, LLSS03, PPQV16, RBES00, TAY<sup>+</sup>12]. **Globally** [DCX<sup>+</sup>17, TV15]. **Globally-Locally** [DCX<sup>+</sup>17]. **GMM** [fS18]. **Good** [YBDJ17]. **GOP** [SSEA14]. **GPGPU** [AAB<sup>+</sup>16, BCL14, BCL17, CBR17, STF<sup>+</sup>12, YZ13, YHGW16]. **GPGPUs** [LMHW18]. **GPI** [HKJ<sup>+</sup>18]. **GPS** [HVF18]. **GPU** [BC15, Boh23, BC10, CDDM18, CTB14, DK16, DMMP18, DMC<sup>+</sup>18, FRT<sup>+</sup>18, FJZ<sup>+</sup>15, GLLH17, GGV17, GG13, Hen21, KLK16, LVJ22, LRG14, LTF<sup>+</sup>12, LLW<sup>+</sup>17, LEG11, LAD15, LFHAM19, Moh19, MGL<sup>+</sup>17, NCR<sup>+</sup>19, OOR13, OATGEL15a, PTdSF<sup>+</sup>12, PHS19, PES<sup>+</sup>18, RSA<sup>+</sup>18, SI11, SF20, SLZB13, SJC18, SSB<sup>+</sup>17, SBC17, SFAG14, SK14, VVCA23, WdSAM<sup>+</sup>17, WR18, WE18, WK20, ZYOY13, ZHF<sup>+</sup>19, ZD19, ZTY<sup>+</sup>19]. **GPU-Accelerated** [DMC<sup>+</sup>18, SBC17]. **GPU-Based** [DK16, VVCA23, BC10, OATGEL15a]. **GPU-Friendly** [OOR13]. **GPUs** [GL18, HLP11, JLDS16, KSBN22, KGK20, KPS14, LS20, MAWD<sup>+</sup>16, MS11, MNN22, QGT<sup>+</sup>19]. **Grabbing** [Sun11]. **gradient** [SDJS98]. **GrADS** [BCC<sup>+</sup>05]. **Grain** [BG96, DV97, NRB94, NIO<sup>+</sup>03, PSM97]. **Grained** [CTK<sup>+</sup>11, CSF<sup>+</sup>20, GL92, SDH22, SSM21, SZH18, WTQ21, WW17, AD89]. **Grammar** [MO91]. **Grammars** [PW92]. **Granularity** [PSM97, ZLC<sup>+</sup>19]. **Graph** [ASS24, BCL90, CBR17, CSF<sup>+</sup>20, CZTM03, GAR<sup>+</sup>16, GWHY19, GP94, HKJ<sup>+</sup>18, HSXH19, JK12, KSF<sup>+</sup>18, KTF23, PS23, SHLJ17, SMDJ19, SSP<sup>+</sup>96, Spr92, TH17, WZB<sup>+</sup>92, ZHF<sup>+</sup>19, GZ87, HKJ<sup>+</sup>18]. **Graph-Based** [KTF23]. **Graphical** [RG15]. **Graphics** [CPP<sup>+</sup>12, JGM15, SAB11]. **Graphs** [DV97, Hue97, KPRS96, KSTF24, LPF16, MXP14, OP10, OB13, PVF21, Zha89]. **Graphs\*** [EKU22]. **GraphTango** [ASS24]. **Greedy** [AT91, Ken01, Sun11]. **Grid** [BFRPVR<sup>+</sup>15, MMD21, SASH12, WL16, AFM<sup>+</sup>06, BBC07, BCC<sup>+</sup>05, SR04]. **Grid-Based** [WL16]. **GridFOR** [WL16]. **Grids** [HP13, LLL<sup>+</sup>15, JS06b]. **Gröbner** [Sch92]. **Group** [KSA<sup>+</sup>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<sup>+</sup>17, LT17, MCE13, MGJS15, MGD<sup>+</sup>14, MA10, OG11, PP10, PVG17, RJO22, SMM11, SGK12, SS10, TG21, TFPF18, ZS<sup>+</sup>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<sup>+</sup>17]. **H** [Roy10]. **H-NMRU** [Roy10]. **Hadoop** [LSM<sup>+</sup>18, Mat17, NRGB17, RSA<sup>+</sup>18]. **Halo**

[PHS19]. **Handle** [ELGE16]. **Handling** [DFC<sup>+</sup>07, FMSG17, HHW20, IR19, RBES00]. **Hard** [FJO<sup>+</sup>16]. **Hardware** [AVM<sup>+</sup>16, CHSC18, CPMC96, GP17, GV99, HZZ<sup>+</sup>19, HSM<sup>+</sup>24, HL21, KT01, KTBP18, Lys08, MSA<sup>+</sup>07, NdMM09, NdMMW16, OBB<sup>+</sup>24, OXL<sup>+</sup>17, OPLS17, PMM<sup>+</sup>18, RMH21, SWZ<sup>+</sup>15, SD11, SH15, STM15, TRD21, WS14, YDV19, ZLAV04, vNR11]. **Hardware-Agnostic** [AVM<sup>+</sup>16]. **Hardware-Aware** [HSM<sup>+</sup>24]. **Hardware-Based** [CPMC96, KT01]. **Hardware-Efficiency** [KTBP18]. **Hardware-Friendly** [HZZ<sup>+</sup>19]. **Hardware-In-The-Loop** [OBB<sup>+</sup>24]. **Hardware-Managed** [RMH21]. **Hardware-Supported** [SD11]. **Hardware/Software** [GV99, Lys08, OPLS17, SWZ<sup>+</sup>15, STM15]. **HARE** [JLDF19]. **Harsh** [GWPV21]. **Hash** [AR16, CHSC18, LFD17]. **Health** [AAN<sup>+</sup>20, GKC22]. **Healthcare** [DC20]. **Heap** [GH96, LLM16, AH86]. **Heap-Based** [LLM16]. **Heat** [LYG<sup>+</sup>18]. **Height** [ABASS12]. **Helper** [ZGH<sup>+</sup>15]. **Helping** [Sun11]. **Henderson** [Swa88]. **Heterogeneity** [TMXS24]. **Heterogeneity-Aware** [TMXS24]. **Heterogeneous** [AER<sup>+</sup>17, ANS20, Ano21a, AMKE18, ABB<sup>+</sup>10, BEA<sup>+</sup>19, Bro15, Bro19, BJM20b, ELK18, EAK21, EVK22, EGK23, GAG22, GGV18, GMB<sup>+</sup>11, GHR20, HdMMK22, HK23, HDK24, HtBK<sup>+</sup>10, HHC<sup>+</sup>15, KTRZ<sup>+</sup>17, LLC17, LSYG15, LS05, MMN15, Mar17, MFGEL19, NCR<sup>+</sup>19, OATGEL15b, OP12, OPLS17, PGLC<sup>+</sup>18, PHS19, PVF21, SSM21, SEP08, WLL17, XWH21]. **Heuristics** [KPS14, CSG89]. **HEVC** [WdSAM<sup>+</sup>17]. **HICOR** [GK94]. **Hierarchical** [Bro15, GP94, MV17, NN95, PG16, SSMO96, WSS18]. **Hierarchically** [PPEP08]. **Hierarchies** [GVB<sup>+</sup>06]. **Hierarchy** [MCWK01]. **High** [APR<sup>+</sup>18, Ano16a, Ano19, ASG20, BE14, BETK24, BCS<sup>+</sup>09, BCL17, BS07, Bro15, Bro19, Car09, DPT17, DFH17, DB08, DST21, EAK21, GWYQ18, GGE19, GBLG10, Gha19, GK18, GJK<sup>+</sup>05, Gre16, GHDF19, GE90, HG18, HK14, Jan15, KP05, KTRZ<sup>+</sup>17, KJPN10, LPB13, LQWP10, LWP04, MB12a, dMMHdLN21, MSPR18, NFC<sup>+</sup>09, NSU22, NdMM09, NL23, OXL<sup>+</sup>17, PGLC<sup>+</sup>18, SH96, SAL16, SCB<sup>+</sup>14, SS23, TFEK16, TTF22, TGT18, WCC16, WMN<sup>+</sup>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<sup>+</sup>17, HK14, TTF22, Kes20, Ano21a]. **High-Performance** [APR<sup>+</sup>18, Ano19, GWYQ18, Gha19, GJK<sup>+</sup>05, LPB13, MB12a, NdMM09, PGLC<sup>+</sup>18, WCC16, WGW04, WK20, YBRM14, ZLA21, DST21, OXL<sup>+</sup>17]. **High-Productivity** [BCS<sup>+</sup>09]. **High-Scalability** [BS07]. **higher** [NPD89]. **higher-order** [NPD89]. **Highly** [TAY<sup>+</sup>12, XZX<sup>+</sup>15]. **Highly-Scalable** [TAY<sup>+</sup>12]. **Historical** [TRD21]. **History** [BEA<sup>+</sup>19, CEP97, JLDF19, LJ08, LLSS03, uRHH14]. **History-Aware** [JLDF19]. **History-Based** [BEA<sup>+</sup>19]. **Hitachi** [TSB03]. **HitFlow** [FBGEL19]. **HLFET** [PIP18]. **HLPGPU** [Bro15]. **HLPP** [Ano16a]. **Home** [WLL<sup>+</sup>08]. **Homogeneous** [MMN15]. **Homomorphisms** [LBT17, RG18]. **horizontally** [CB86]. **Hotspotting** [Ano86c]. **HP** [IPR<sup>+</sup>05]. **HPC** [CAK17, CAT18, EAK21, HLK<sup>+</sup>09, JQJ<sup>+</sup>16, JQWG15, LLM<sup>+</sup>12, LFL<sup>+</sup>17, MAT23, NAS23, OBB<sup>+</sup>24, YS22]. **HSDC** [DFZ21]. **HW** [KBG<sup>+</sup>08]. **Hybrid** [ASS24, AOAM21, ADC<sup>+</sup>17, BC15, CTB14, Cza17, DMMP18, EK14, FBGEL19, HSCI<sup>+</sup>16, HBC23, JQJ<sup>+</sup>16, LFL<sup>+</sup>17, LRG14, MMD21, RY20, RY22, RRH03, SR15, VSH<sup>+</sup>11, WHC<sup>+</sup>24, YWW<sup>+</sup>19, YLB19, ZLJ<sup>+</sup>17]. **Hybridization** [DS20]. **Hydrodynamics**

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

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



**Interactions** [MHCF98]. **Interactive** [SJKA99]. **Interchangeably** [DJR16]. **Interconnect** [GBPK07]. **Interconnection** [MANR09]. **Interconnects** [RA09]. **Interesting** [VRGC19]. **Interface** [DGMP09, GZJ18, HKJ<sup>+</sup>18, HTDL18, KBG<sup>+</sup>08]. **Interfaces** [KKZN12]. **Interference** [CEP97, TMXS24]. **Interference-** [TMXS24]. **Intermediate** [CFB94, GP94, GBC<sup>+</sup>08]. **Internal** [FWH<sup>+</sup>94]. **Internat** [Swa88]. **International** [Ano21b, DB08, MCE13, PVG17, RJO22, SS10]. **Internet** [HZZS20, JACK20, KIT<sup>+</sup>20, KAI20, MMD21, PYC16, PCJ18, SAI<sup>+</sup>20]. **Interpolation** [DMC<sup>+</sup>18, DMC<sup>+</sup>20]. **Interpreter** [K GK20]. **Interprocedural** [CAZ02, C196, 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, 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<sup>+</sup>17]. **Introspection-Based** [WHC<sup>+</sup>17]. **Intrusion** [NSU22, NRGB17, YWW<sup>+</sup>19]. **intrusive** [ZXY<sup>+</sup>15]. **Invalidate** [BAP01]. **Invasive** [SR15]. **invented** [Par86b]. **Inverse** [fSxWC18]. **Inversion** [ABSSS19, KMG01, MMN15, SMM94]. **Investigating** [MWHS24]. **Investigation** [SdLC21]. **IOT** [GAK20, AAN<sup>+</sup>20, AATD20, DMC<sup>+</sup>20, FJA<sup>+</sup>18, UWF<sup>+</sup>20]. **IP** [AML<sup>+</sup>10, CSD21, LSHK09]. **IP-PBX** [AML<sup>+</sup>10]. **IP-PBX/VoIP** [AML<sup>+</sup>10]. **Irregular** [ACC<sup>+</sup>01, GF14, LLW<sup>+</sup>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<sup>+</sup>19, JS06b, TG21, Ano21b, BmH98]. **Issues** [Bel94, NS97a]. **Itemset** [ASG20]. **Iteration** [HF14a, HF14b]. **Iterative** [MS11, PDN21, Rau96, ZHF<sup>+</sup>19]. **Iterator** [GS11]. **J** [Swa88]. **Jacobi** [HOZ06]. **Jacobians** [BUMS02]. **Java** [AHKR01, FSS06, JQJ<sup>+</sup>16, JMSG02, KF99, SS23, WGW04, WP00]. **Job** [LLL<sup>+</sup>15, NSS12, WW17]. **Join** [RK92, RBR22]. **Joint** [HOZ06]. **journal** [Ano86b]. **JPEG** [SEP08]. **Just** [SA19]. **kD** [STF<sup>+</sup>12]. **kD-tree** [STF<sup>+</sup>12]. **Kernel** [LYG<sup>+</sup>18, NLBB23, VVCA23, ZYOY13]. **Kernelized** [WCC16]. **Kernels** [KDV22, SSB<sup>+</sup>17, WSO<sup>+</sup>07]. **Key** [LKS<sup>+</sup>20, PZL<sup>+</sup>19]. **Keyword** [SNS21]. **knapsack** [LS92]. **KNMF** [LKS<sup>+</sup>20]. **Kutta** [BP17]. **L** [MSA<sup>+</sup>07]. **Lab** [ZC09]. **Lab-on-Chip** [ZC09]. **Labeling** [SH87, Swa88]. **LACross** [ZJG17]. **Lagrangian** [RSV<sup>+</sup>05]. **LALP** [MCFM12]. **LALR** [BNWL90]. **Landing** [MSJ20]. **Landslide** [WSC20]. **Language** [ARB<sup>+</sup>05, BARSW95, BCL17, CFB94, FCZ16, Fos89, GS06, Hud86, KS97, MCFM12, MPR<sup>+</sup>05, SM09, TFEK16, WL16, WK20]. **Languages** [Ano19, CK02, FMSG17, Lan90, PS92, NPD89]. **Laplace** [CTB14]. **Large** [Cza17, GL18, HC17, HR11, HKJ<sup>+</sup>18, KKZN12, LTSD15, LSA<sup>+</sup>07, LWGZ18, SGJ<sup>+</sup>03, SWF<sup>+</sup>17, WW17, XZT20, ZWJK05]. **Large-Scale** [HC17, KKZN12,

LWGZ18, SWF<sup>+17</sup>, 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<sup>+17</sup>]. **LDPC** [SF20]. **LEACH** [KAI20]. **Leaks** [JGP<sup>+18</sup>]. **Learning** [CR19, CLL21, CDDM18, DS16, FFS18, FKM<sup>+11</sup>, HBC23, MAWD<sup>+16</sup>, ÖA21, PVF21, WQZ<sup>+24</sup>, ZJG17, ZD19, ZJL22]. **Learning-Based** [ZJG17]. **Leases** [CM06]. **least** [Ano86a]. **Left** [MP04]. **Legacy** [JBB21]. **Legal** [KP95]. **Length** [EM14, VHK<sup>+18</sup>]. **Lessons** [Hal86]. **Level** [AG06, Ano16a, Ano19, BETK24, BCL17, Bro15, Bro19, DPT17, EAK21, GGE19, GBLG10, GK18, Gre16, GHDF19, HG18, HTDL18, Jan15, JF21, KP05, LLW<sup>+17</sup>, LQWP10, dMMHdLN21, MHCF98, MKAP05, NL23, SSP<sup>+00</sup>, SSEA14, SH96, SS23, SüCV17, SMM94, SASH12, Tou05, WMN<sup>+17</sup>, XOdFV<sup>+09</sup>, YWW<sup>+19</sup>, ZLJ<sup>+17</sup>, BC10, HK14, NN95, TTF22, WS08, Kes20, Ano21a]. **Levels** [Gsc07]. **Leveraging** [LTL15]. **LH** [CS16]. **Libraries** [GJK<sup>+05</sup>]. **Library** [BBR11a, LCF21, LAD15, LHP<sup>+22</sup>, MFGE19, SüCV17, YKLD17, YBRM14]. **Life** [YYYX20, Ano87c]. **Lifetime** [SZH18]. **Light** [CM06]. **Light-Weight** [CM06]. **Lightweight** [GKC22, PZL<sup>+19</sup>]. **Like** [NLBB23]. **Limit** [KEKK16, LS98]. **Limited** [JMSG02, uHKAMFM16a, uHKAMFM16b, GT86]. **Limits** [SS99]. **Line** [SR90, TFMP97, ZC09]. **Linear** [CCG<sup>+14</sup>, CBR17, CJS21, DWS16, FLMR02, HKJ<sup>+18</sup>, JLMW15, KS90, KFC08, KTRZ<sup>+17</sup>, LDHL05, MP04, SMM94, Gao86]. **Link** [STB<sup>+18</sup>]. **Linked** [HGT<sup>+12</sup>, HTmG<sup>+12</sup>, vdSGBW08]. **Links** [NIK00]. **List** [AF15, DS97, EM14, LBT17, SL14, vdSGBW08]. **List-based** [SL14]. **Literature** [IR19, dMMKdLN22]. **Live** [DST21, WHC<sup>+17</sup>, ZXY<sup>+15</sup>]. **LLVM** [RMG<sup>+13</sup>]. **Load** [ASW<sup>+15</sup>, BG96, EWHS11, JK03, MMD21, RLH14, RSJ<sup>+14</sup>, YHGW16]. **Load-Balance-Aware** [YHGW16]. **Load-Store** [BG96]. **Loads** [AZK<sup>+18</sup>]. **Loads/Stores** [AZK<sup>+18</sup>]. **Local** [LLSS03, LYG<sup>+18</sup>]. **Locality** [AMP01, AAB<sup>+16</sup>, BE14, CAK17, JG97, KP01, LVJ22, LS98, LM00, PMHC03, Won02, XH98]. **Locality-Aware** [AAB<sup>+16</sup>]. **Localization** [GWYQ18, OB13]. **Locally** [DCX<sup>+17</sup>, 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<sup>+19</sup>]. **Look** [MP04, NLBB23]. **Loop** [AMP01, CL96, DH00, GVB<sup>+06</sup>, GMB95, GL95, HC17, IKN00, KDV22, LSL94, LCL17, NG92, OBB<sup>+24</sup>, RAP95, WdSAM<sup>+17</sup>, WMC98, YAI95, LP94]. **Loops** [Col95, GL95, MS11, MJ02, OGP<sup>+16</sup>, QRW00, Sar01, TFNG09, WLL17, Wol86, YKM03, LAV98]. **Loosely** [LLM16]. **Loss** [AAN<sup>+20</sup>, HZL16]. **Lossless** [HNC<sup>+16</sup>]. **Lossy** [SAI<sup>+20</sup>]. **Low** [Bos12, FVvL<sup>+16</sup>, HZL16, NBN<sup>+15</sup>, PO07, RSP20, Roy10, SAI<sup>+20</sup>, SWF<sup>+17</sup>, YZZ<sup>+19</sup>]. **Low-Latency** [Bos12]. **Low-Power** [NBN<sup>+15</sup>, PO07]. **Low-Radix** [SWF<sup>+17</sup>]. **LSA** [UWF<sup>+20</sup>]. **LSH** [RBR22, TRB<sup>+24</sup>]. **LSM** [PYX17]. **LSM-Tree** [PYX17]. **LTE** [LF15]. **M** [FKD<sup>+97</sup>, KHT21]. **M-Machine** [FKD<sup>+97</sup>]. **Machine** [CHPC96, CZ12, CDDM18, DS16, FKD<sup>+97</sup>, FKM<sup>+11</sup>, GmWHR98, HHW10, HBC23, JQWG15, LVM16, MPR<sup>+05</sup>, ÖA21, SHZ<sup>+14</sup>, XLWX19, ZD19, Ali86, GS90, Ken94, PW92]. **machine-independent** [Ken94]. **Machines**

[ABASS12, BJM20b, Den94, EGJS15, KTBP18, MGL<sup>+17</sup>, NG92, ZWJK05, SDJS98]. **Macro** [GG14]. **MAI** [GN20]. **Main** [SZH18]. **Mainstream** [DMK21]. **Maintained** [SNB04]. **maintaining** [DPL86]. **Malicious** [CLJH16]. **Managed** [RMH21]. **Management** [ANS20, AGPGF14, CSF<sup>+20</sup>, GJR09, HRH08, Joh94, MARC24, PHS19, SL14, SMH21, VFIN12, YJY16, ZLJ<sup>+17</sup>, JK86]. **Manager** [BEA<sup>+19</sup>]. **Managers** [Dem11]. **Managing** [ANS<sup>+12</sup>, RNJ<sup>+12</sup>, TFMP97]. **Manipulator** [BUMS02]. **MANNA** [HMT<sup>+96</sup>]. **Manual** [NAP02]. **Many** [CTK<sup>+11</sup>, CFC<sup>+19</sup>, HG18, uHKAMFM16a, uHKAMFM16b, LHP<sup>+17</sup>, LZ17, MFU21, NdMCdMMW16, OBB<sup>+24</sup>, PMM<sup>+18</sup>, PHS19, QZP15, SASH12, SA10, XWH21, vNR11]. **Many-Core** [CFC<sup>+19</sup>, uHKAMFM16b, LHP<sup>+17</sup>, LZ17, MFU21, OBB<sup>+24</sup>, PMM<sup>+18</sup>, SASH12, SA10, vNR11, NdMCdMMW16, XWH21]. **Many-Cores** [CTK<sup>+11</sup>, HG18]. **Many-Field** [QZP15]. **Many-Task** [PHS19]. **Manycore** [HMF<sup>+13</sup>, RSJ<sup>+19</sup>, SMH21]. **Map** [FBV21, LFD17]. **Map-Reduce** [FBV21]. **Mapping** [CKC22, HtBK<sup>+10</sup>, MEP07, RGB<sup>+08</sup>, SDJS98, LRG<sup>+91</sup>, NK88, PW87]. **MapReduce** [IR19, LSYG15, LHL<sup>+16</sup>, LXL17, MM16, Mat17, RBR22, SHC15, VCP<sup>+13</sup>, WW17, ZC17]. **Massey** [Moh19]. **Massive** [EKU22]. **Massively** [CYS16, HP13, KGK20, LTF<sup>+12</sup>, WQZ<sup>+24</sup>]. **Matching** [OOR13, RWMF24, Sca11]. **MATLAB** [MGW99, SM09]. **Matrices** [LPB13, LTSD15, SDL17, LP94]. **Matrix** [BBR11a, CFC<sup>+19</sup>, CFX<sup>+20</sup>, DZW10, JLV21, uHKAMFM16a, uHKAMFM16b, KJPN10, LHLT19, LKS<sup>+20</sup>, MMN15, MGW99, SMM94]. **Maximal** [BCC00]. **Maximizing** [BG17]. **Maximum** [Gao86, KSBN22]. **MC** [GN20]. **MC-DS-CDMA** [GN20]. **MCP** [PIP18]. **Mean** [AK96]. **Means** [LKS<sup>+20</sup>]. **Measure** [KKSP18]. **Measurement** [WSC20]. **Measurements** [JJIL15]. **Measures** [Cza17]. **Mechanism** [ANS20, CHYP96, EM14, FFS18, GMB06, Sek09, SHC15, WTZ<sup>+19</sup>, WTQ21]. **Mechanisms** [GBPK07, Gen16, NAS23, MO90]. **Media** [LJ09]. **Mediate** [BBB<sup>+17</sup>]. **Medical** [HZS20]. **Medium** [DV97, NRB94]. **Medium-Grain** [NRB94]. **Meld** [AKD98]. **Membership** [KJHB14]. **Memetic** [NB15, ÖO07]. **MemJam** [MWES19]. **Memories** [AM04, LPB13]. **Memory** [ABSSS19, AF15, ANS<sup>+12</sup>, BS03, BdS07, CCG<sup>+14</sup>, CHCL14, Cra88, CRM17, DS97, DZW10, FBGEL19, GVB<sup>+06</sup>, GRC<sup>+14</sup>, GV99, GG13, HML<sup>+20</sup>, ID08, JG97, Joh94, JMSG02, KTF23, KEKK16, LVJ22, LS20, LSL94, LMHW18, Lub90, MMG04, MCWK01, MBE03, MS99, MKAP05, NIK00, NAP02, OVA04, PZL<sup>+19</sup>, PMM<sup>+18</sup>, PO07, RC16, RWMF24, RRH03, SNB04, SMC94, SZH18, SD11, SAL16, SW16, SHC15, SWL05, SSMO96, SH15, SY08, SASH12, TTMD23, TMHT96, TA99, VSH<sup>+11</sup>, WS14, WQJY17, WHC<sup>+17</sup>, qWlJzKhC17, WTZ<sup>+19</sup>, WTQ21, YZZ20, YBRM14, ZK07, ZLD15, ZLJ<sup>+17</sup>, ZSH<sup>+12</sup>, Con88, EO88, FcF87, GHLN86, GS90, GT86, Hem89]. **Memory-Divergent** [LVJ22]. **Memory-Level** [SASH12]. **Memory-Optimized** [LS20]. **Merge** [JK03, JLV21]. **Mesh** [DMC91, HAA<sup>+11</sup>, SSMH13, SKAT91]. **Mesh-Connected** [DMC91]. **MeshCleaner** [MCT<sup>+18</sup>]. **Meshes** [MCT<sup>+18</sup>, qWlJzKhC17]. **Message** [BB90, CB01, EWHS11, GS05, GCD<sup>+03</sup>, JGZ<sup>+20</sup>, MFU21, GZ87, Hua89]. **Message-Passing** [CB01, GCD<sup>+03</sup>, GZ87]. **Meta** [KPS14]. **Meta-Heuristics** [KPS14]. **Metacomputing** [ES06]. **Metadata** [AGPGF14]. **Metagenomics** [LSM<sup>+18</sup>].

**Method**

[BP17, DMMP18, Ger10, GRAG00, GHC<sup>+17</sup>, IS03, LNP91, LEA15, NdMM09, PCJ20, RAP95, SMN09, WQZ<sup>+24</sup>, ZYOY13, Wol86].

**Methodology**

[KDV22, MOL05, RSJ<sup>+14</sup>, UWF<sup>+20</sup>].

**Methods** [BCC<sup>+05</sup>, CCL12, CAK17, CJS21, MT96, MWHS24, RLEJ19]. **Metropolis**

[CHB06]. **Metrowerks** [PB04]. **MIC**

[FFS18]. **Micro** [JS06b]. **Micro-grids**

[JS06b]. **Microarchitectural**

[API03, DKB<sup>+09</sup>]. **Microarchitecture**

[PJS<sup>+05</sup>]. **Microbenchmarks** [IPR<sup>+05</sup>].

**Microcode** [BABW14]. **Microfluidic**

[ZC09]. **Microgrids** [SS10]. **Microphone**

[RLK20]. **Microprocessor** [LJE05].

**microprogramming** [CB86]. **Microthread**

[BHJ06]. **Migration**

[CML04, DST21, DLX<sup>+17</sup>, JG97, NLRH07,

PTdSF<sup>+12</sup>, WHC<sup>+17</sup>, XLWX19]. **MILC**

[SKG09]. **Milepost** [FKM<sup>+11</sup>]. **MIMD**

[GL92, SDJS98]. **Mini** [ZXY<sup>+15</sup>].

**Mini-intrusive** [ZXY<sup>+15</sup>]. **Miniature**

[NBN<sup>+15</sup>]. **Minimal**

[BTB<sup>+13</sup>, DWS16, YAI95, Zha89]. **minimax**

[NPT86]. **Minimization**

[GLLH17, Mon97, PB04]. **Minimizing**

[CH95, EDA96]. **Mining**

[ASG20, CPP<sup>+12</sup>, FJA<sup>+18</sup>, HP13, OB13,

PCJ18, WSS18, YWW<sup>+19</sup>]. **Mining-Based**

[OB13]. **Mirroring** [SDL17]. **Mispredicted**

[JSHP97]. **Mispredicted-Path** [JSHP97].

**Misprediction** [NBD98]. **Missing**

[DMC<sup>+20</sup>, STB<sup>+18</sup>]. **Mitigating** [JDF20].

**Mixed** [BEG<sup>+10</sup>, SDJS98]. **Mixed-Mode**

[BEG<sup>+10</sup>, SDJS98]. **Mixing** [MRLR16].

**ML** [AGT17]. **MLFQ** [CLL21]. **Mobile**

[ES06, JM20, YFC21]. **Mobility** [MMD21].

**Mode** [BEG<sup>+10</sup>, OP12, YYYY20, SDJS98].

**Model** [AG06, AATD20, AK96, BEJD21,

BAF94, BdS07, CND95, DMMS91, DTLW16,

DFA<sup>+09</sup>, FCZ16, FPCD14, FBGEL19,

HBC23, HLP11, HKJ<sup>+18</sup>, JM20, JF21,

LLM16, LHL<sup>+16</sup>, LCL19, Liv91, NAS23,

OGP<sup>+16</sup>, OATGEL15b, RSV<sup>+05</sup>, RK13, fSxWC18, TAY<sup>+12</sup>, TESK06, WSC20, YS22, ZJL22, JK86]. **Model-Based**

[BEJD21, RK13]. **Modeling**

[AA15, Ano18a, AMP<sup>+05</sup>, BS07, HYBA18,

KMjC02, LEA15, Mar17, MCE13, MGJS15,

MOL05, PCP<sup>+13</sup>, PVG17, Pra86, PS23,

RJO22, SDH22, SSM21, TLSG05, WTL<sup>+23</sup>].

**Modelling** [BKK20, BKK23, VNU19].

**Models** [BFS05, CAT18, Den94, FLMR17b,

HHC<sup>+15</sup>, ID08, KP05, Mat17, NAP02,

RNJ<sup>+12</sup>, SMSH13, SS01, Ski91, SDL17,

VMS15, VCP<sup>+13</sup>, AD86, DM87, FLMR17a].

**Modern**

[HYBA18, KPS14, LG10, LQWP10, ME15].

**Modifications** [Hue97]. **Modular**

[NdMM09]. **Module** [AAN<sup>+20</sup>]. **Modules**

[DJR16, SQH92]. **Modulo**

[AG98, EDA96, GRAG00, LJ08, Rau96].

**Modulo-Scheduled** [GRAG00]. **Molecular**

[ACC<sup>+02</sup>, BS07]. **Molecule** [KLK16].

**Moment** [SSB21]. **Monitor** [LTL15].

**Monitored** [LJE05]. **Monitoring**

[GAK20, NBN<sup>+15</sup>, ZXY<sup>+15</sup>].

**Monoparametric** [IAR21]. **Monte**

[BJM20b, PES<sup>+18</sup>]. **Monte-Carlo**

[BJM20b, PES<sup>+18</sup>]. **more<sup>TM</sup>** [Ano87d].

**MORPHEUS** [GMB<sup>+11</sup>]. **Mosaic**

[MPAG18]. **Motion** [MVD<sup>+14</sup>, TSS99].

**Motivation** [HmWHR97]. **Movement**

[CFB94]. **Moving** [HAA<sup>+11</sup>, ZQT20]. **MPI**

[AJF16, BS07, BEG<sup>+10</sup>, ES11, FPY08b,

GJR09, GSY<sup>+13</sup>, HMK09, LSM<sup>+18</sup>, LWP04,

MOL05, MANR09, NAS23, NSS12, RA09,

SS01]. **MPI/PVM** [ES11]. **MPJ** [JQJ<sup>+16</sup>].

**MPSoC**

[ID08, OPLS17, RGB<sup>+08</sup>, SWZ<sup>+15</sup>].

**MPSoCs** [GHR20]. **Much** [MT96]. **Multi**

[AOAM21, AH08, AKHD13, ABvK<sup>+13</sup>,

AML<sup>+10</sup>, ABB<sup>+10</sup>, BEJD21, BM09,

CSF<sup>+20</sup>, CZ12, CB19, CTB14, DS97, DS16,

DTLW16, DJR16, FLD15, GM20, Ged13,

GMB06, GGV17, GS06, HML<sup>+20</sup>, HtBK<sup>+10</sup>,

JCH<sup>+08</sup>, JDF20, KBG<sup>+08</sup>, LYG<sup>+18</sup>,

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

**O** [AKT<sup>+</sup>14, CSF<sup>+</sup>20, MG15]. **O2000** [CML04]. **Obfuscator** [FDY<sup>+</sup>19]. **Object** [BBC07, DJR16, FMSG17, GS11, GS13, JM20]. **Object-Oriented** [GS11, GS13]. **Objects** [GK94]. **Obtain** [NRR99]. **Obtaining** [XZT20]. **OCaml** [SCS23]. **occam** [Cam89]. **ODE** [MLdIP02]. **Off** [ZK07]. **Off-Chip** [ZK07]. **Offloading** [JM20]. **OFScheduler** [LSYG15]. **OLPCA** [DMMP18]. **oM** [CLL21]. **oM-DRL** [CLL21]. **OMP** [SGJ<sup>+</sup>03]. **OMP2001** [TSB03]. **On-Chip** [GG13, KKZN12, MVB<sup>+</sup>06, OBB<sup>+</sup>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<sup>+</sup>06]. **Open** [AML<sup>+</sup>10, SJW22, Cie91]. **Open-Source** [SJW22]. **OpenCL** [JSS<sup>+</sup>15, RG18, SSB<sup>+</sup>17]. **OpenHMPP**

[AAB<sup>+</sup>16]. **OpenMP** [AM07b, ABB<sup>+</sup>10, BdS07, BGdS09, BFG<sup>+</sup>10, BS07, BEG<sup>+</sup>10, CF19, DFC<sup>+</sup>07, DFA<sup>+</sup>09, FMSG17, FM09, GSA08, HMK09, HAA<sup>+</sup>11, JCH<sup>+</sup>08, KaM10, KSJ14, MG15, MFG<sup>+</sup>08, MBE03, MMS07, NIO<sup>+</sup>03, OOS<sup>+</sup>08, OP10, SSB21, WPC07, YKLD17, aMST07]. **OpenMP/MPI** [BEG<sup>+</sup>10, HMK09]. **OpenUH** [CEH13]. **Operating** [CYS16, JGZ<sup>+</sup>20, NP01]. **Operation** [FLD15, NB15]. **Operational** [Cam89]. **operationally** [DM87]. **Operations** [ABASS12, BG17, FPY08b, HDK24, IBA11, ML15, SZH18]. **Operator** [LCF21]. **Operators** [DM17]. **Opportunistic** [YMW<sup>+</sup>17]. **OPS5** [GTK<sup>+</sup>88]. **Optical** [DMC91]. **Optimal** [AG98, BB90, CS20, DV97, DPS90, DPL86, GAR<sup>+</sup>16, MA87, Mer86, NG92, SMM94, YKM03, ZLJ<sup>+</sup>17, EG86, RB86]. **optimality** [Gai89]. **Optimisation** [GL18, PPE08]. **Optimised** [Zha10]. **Optimising** [VNU19]. **Optimization** [AZK<sup>+</sup>18, ALPS19, CFB94, CSCL20, CPMC96, CS97, CRM17, DLX<sup>+</sup>17, GLLH17, GmWHR98, HBC23, HZZS20, HTmG<sup>+</sup>12, JGZ<sup>+</sup>20, KAI20, LDHL05, LM00, MO91, dMMHdLN21, NIO<sup>+</sup>03, NdMCdMMW16, ÖO07, PCP<sup>+</sup>13, RY20, RY22, RLH14, SRS06, SSEA14, Sca11, SA19, SHZ<sup>+</sup>14, YHGW16]. **Optimization-Based** [SHZ<sup>+</sup>14]. **Optimizations** [BKT08, BG96, ID08, KSEG14, LHLT19, LEL<sup>+</sup>99, MV17, MS11, SB90, SLZB13]. **Optimize** [ZLAV04]. **Optimized** [EKU22, LF15, LS20, MGW99, Sar01]. **Optimizer** [LSYG15]. **Optimizing** [BBR11b, CGN<sup>+</sup>09, CFC<sup>+</sup>19, HDK24, uHKAMFM16b, MBE03, ZSH<sup>+</sup>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<sup>+</sup>91]. **Organization** [AM04]. **Organizations** [GWPV21]. **Orientation** [LYG<sup>+</sup>18]. **Oriented** [ADC<sup>+</sup>17, FMSG17, GS11, GS13, KKSP18, KK20, LVM16, RGB<sup>+</sup>08, SRS06, SSM21, AKT<sup>+</sup>14, CZ12]. **Origin** [IPR<sup>+</sup>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-Dependencies** [CDRV98]. **Overhead** [CTB14, KCW<sup>+</sup>05, OPLS17, SJBV06]. **Overheads** [BGdS09, LJ08]. **Overlap** [BG17]. **Overlapping** [IKN00, Spr92]. **Overview** [BML<sup>+</sup>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<sup>+</sup>17]. **Page-Level** [ZLJ<sup>+</sup>17]. **PageRank** [EKU22, LEA15]. **Panda** [SBC17]. **Para** [Hud86]. **Para-Functional** [Hud86]. **Paradigm** [EW96]. **Paradigms** [DX14, Gen16]. **ParaGraph** [BCL90]. **Parallel** [AKBPV19, APR<sup>+</sup>18, AMAH01, AM04, AK17, ACD<sup>+</sup>16, ABvK<sup>+</sup>13, AA15, Ano16a, Ano18b, Ano21a, AVPG00, AJF16, BR14a, Bel94, BAF94, BARSW95, BGMR11, BS03, BNWL90, BR14b, BETK24, BUMS02, BDD<sup>+</sup>18, BDH<sup>+</sup>14, Bro15, Bro19, BJM20b, CGN<sup>+</sup>09, CPP<sup>+</sup>12, CY14, CSD21, CB86, Cra88, CSTGL03, CDDM18, CAP88, Cza17, CPL<sup>+</sup>10, Dam07, DPT17, DDD<sup>+</sup>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<sup>+</sup>88, GKC22, HSCI<sup>+</sup>16, HK14, HMF<sup>+</sup>13, HP13, HPVRPF15, HLS15, HS16, Hun91, HAA<sup>+</sup>11, IH04, Jan15, JW16, JLMW15, JK03, JLV21, Joh94, KS90, KK11, KS97, Kes20]. **Parallel** [KJHB14, KFC08, KGK20, KBG<sup>+</sup>08, Kuc94, KR87, LMP98, LTF<sup>+</sup>12, LYL14, LHL<sup>+</sup>16, LT17, LLL<sup>+</sup>15, LY95, LSL94, LWLG11, LHLT19, LBT17, Low00, LCL17, LYG<sup>+</sup>18, Lub90, Lys08, MXP14, MMN15, MLdIP02, Mar09, MAJD16, MFC21, MM16, MG15, MCA98, dMMHdLN21, Mer86, Mil88, Moh19, MVD<sup>+</sup>14, MFGEL19, NB15, NRGB17, NdMM09, NdMCdMMW16, NdMMW16, NSS12, NST89, NL23, OOR13, OP10, OGP<sup>+</sup>16, OBB<sup>+</sup>24, ÖA21, ÖO07, OG11, PW92, PGLC<sup>+</sup>18, PLN<sup>+</sup>04, PTD<sup>+</sup>06, PVAE98, PMV17, PR99, PCJ18, QFRA19, RK92, RK87, Ric90, RTD20, RSV<sup>+</sup>05, RMG<sup>+</sup>13, RGB<sup>+</sup>08, SGK12, SH87, SI11, SS92, SMN09, SMSH13, SQH92, SSM21, Sek09, SF20, SM09, SAS18, SO89, SKAT91, Ski91, SR90, SSB21, Spr92, SS89, SZ17, SC88, SHZ<sup>+</sup>91, Swa88, TSS99, TG21, TRL09, VK88, VRGC19, WCC16, WL16, qWJzKhC17]. **Parallel** [WR18, WS15, WZB<sup>+</sup>92, WE18, YWY<sup>+</sup>18, YH18, YS22, YBRM14, Zey05, Zha89, Zha10, ZZS<sup>+</sup>19, ZQT20, ZWJK05, uRHH14, ACD<sup>+</sup>14, BCL90, BCK98, Con88, DPL86, EG86, EO88, GN89, GZ87, GKMB87, Hua89, JGA<sup>+</sup>88, JB98, Ken94, KMV87, KM86, LRG<sup>+</sup>91, LS92, Par86a, Par86b, Par86c, TSS86, Wai87, WB87, AK90b, Lin91a, Ali86, Cie91, SRV88, Tin88]. **Parallel-Access** [Joh94]. **parallel\_for** [NCR<sup>+</sup>19]. **Parallelisation** [KH18]. **Parallelising** [GS13]. **Parallelism** [AER<sup>+</sup>17, ADC<sup>+</sup>17, ACC<sup>+</sup>01, BS03, BJM20a, DV97, EW96, GVB<sup>+</sup>06, GGV18, GHDF19, Gsc07, GL92, HPY01, JBB21, JF21, KP04, LFL<sup>+</sup>17, LS20, LHP<sup>+</sup>22, MT96, MMS07, RSK09, SSEA14, SSNS16, SH96, SASH12, Tou05, WTL<sup>+</sup>23, WS08, WW17, XOfFV<sup>+</sup>09, BS89, CG94, Sch92, VR88, AK90a]. **Parallelization** [AAB<sup>+</sup>16, BG17, BS07, CZ12, Col95, CAZ02, CF19, ELGE16, FLMR17b, FCRC16, FJO<sup>+</sup>16, GK94, GYP22, GMS00, HML<sup>+</sup>20, Hue97, IS03, JCD<sup>+</sup>14, LQWP10, LXL17, dMMKdLN22, MVD<sup>+</sup>14, NN95, PPQV16, RAP95, RLEJ19, SSP<sup>+</sup>00, SHK13, SJKA99, SKA96, SR15, SNS21, TFNG09, TH17, WNMW16, WdSAM<sup>+</sup>17, WP00, aMST07, FLMR17a]. **Parallelize** [MRLR16]. **Parallelized** [CR19, ELGE17, HTK98, KSTF24, TMHT96]. **Parallelizing** [CHCL14, GS11, KTT<sup>+</sup>99, ME15, WZG<sup>+</sup>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<sup>+</sup>16, Iqb91, KEKK16, LGY16, Lys08, MRLR16, NS97b, OPLS17, PDN21, PS23, SMN09, SWZ<sup>+</sup>15, SHC15, TG05, VVCA23, GZ87, KMV87, NK88, PD89]. **Partitioning-Aware** [PS23]. **Partitioning-Independent** [EW96]. **Partitions** [DM20]. **ParTriCluster** [AFO<sup>+</sup>08]. **Pass** [NS97b]. **Passenger** [RLK20]. **Passing** [CB01, EWHS11, GCD<sup>+</sup>03, JGZ<sup>+</sup>20, MFU21, GZ87, Hua89]. **Path** [AT91, CSC<sup>+</sup>00, JAW17, JSHP97, LPF16, LJ08, OATGEL15a, SK97, SHZ<sup>+</sup>91, JDF20]. **Path-based** [LJ08]. **Pathfinder** [JAW17]. **Pattern** [ACD<sup>+</sup>16, BBR11a, CEP97, CPL<sup>+</sup>10, DDD<sup>+</sup>19, EVK22, GHC<sup>+</sup>17, LYG<sup>+</sup>18, QA11, TRB<sup>+</sup>24, WSS18].



**Pattern-Based** [EVK22, BBR11a].  
**Patterns**  
 [ALG<sup>+</sup>95, BETK24, BDD<sup>+</sup>18, DMK21, DM17, DS16, FPY08b, JBB21, KSTF24, LLL<sup>+</sup>15, RTD20, SHK13, YLB19, ACD<sup>+</sup>14].  
**Patterns-Based** [BDD<sup>+</sup>18]. **PBX/VoIP** [AML<sup>+</sup>10]. **PCIe** [OXL<sup>+</sup>17]. **PCM** [SZH18, ZLJ<sup>+</sup>17]. **PCM-Based** [SZH18]. **PEMPIs** [MOL05]. **Per-Core** [SA10]. **percolating** [ACD<sup>+</sup>14]. **perfect** [GE89]. **Performance** [AM95, APR<sup>+</sup>18, ASW<sup>+</sup>15, AK92, AD86, Ano19, AKT<sup>+</sup>14, BE14, BS07, BEG<sup>+</sup>10, Car09, CHYP96, CHPC96, Cza17, DFH17, DB08, DCX<sup>+</sup>17, DMC<sup>+</sup>18, EGK23, GWYQ18, GGE19, Gha19, GJK<sup>+</sup>05, GSY<sup>+</sup>13, GKMB87, HRH08, HF14a, HF14b, HTmG<sup>+</sup>12, JSS<sup>+</sup>15, JLJ<sup>+</sup>18, JCH<sup>+</sup>08, KaM10, KTRZ<sup>+</sup>17, KJPN10, LPB13, LPF16, Li03, LWL<sup>+</sup>19, LY95, LWP04, LLSS03, LCL17, LWGZ18, MB12a, MCWK01, MS11, MOL05, MSPR18, MMS07, ME15, NFC<sup>+</sup>09, NdMM09, NP01, PJS<sup>+</sup>05, PGLC<sup>+</sup>18, PVAE98, PS23, RTD20, RSJ<sup>+</sup>14, SGJ<sup>+</sup>03, SSEA14, Sca11, SAI<sup>+</sup>20, SAL16, SCB<sup>+</sup>14, SA10, TSB03, TFEK16, TKN<sup>+</sup>08, Tin88, VCP<sup>+</sup>13, WCC16, WGW04, WK20, YZ13, YBRM14, ZLA21, ZWJK05, ZJG17, dMP<sup>+</sup>03, BCK98, DST21, OXL<sup>+</sup>17].  
**Performance-Efficient** [LWGZ18].  
**Performance-Portable** [JSS<sup>+</sup>15].  
**Performances** [DFZ21]. **Persistent** [GW19]. **Personal** [HOZ06]. **Personalized** [LCT<sup>+</sup>20]. **Perspective** [KBG<sup>+</sup>08, WEJS94]. **Perspectives** [Ano16c]. **Pessimistic** [VSH<sup>+</sup>11]. **Petaflops** [ACC<sup>+</sup>02]. **Petascale** [TAY<sup>+</sup>12]. **PETRA** [ME15]. **Petri** [KMjC02, LWDL17, RA94]. **PGAS** [JF21]. **Phase** [JHLM01, LGY16].  
**Phi**  
 [BP17, Cza17, ELGE17, LLGC17, PES<sup>+</sup>18].  
**philosophers** [RB86]. **Phrase** [LKS<sup>+</sup>20].  
**Physical** [WLW<sup>+</sup>17]. **Phytium** [CFX<sup>+</sup>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<sup>+</sup>18, LAV98]. **Pipelining** [BTB<sup>+</sup>13, GRAG00, OGP<sup>+</sup>16, RA94, YKM03, Gao86, WEJS94].  
**Piranha** [CGJK95]. **Pitfalls** [HML<sup>+</sup>20].  
**Placement** [ANS<sup>+</sup>12, DCX<sup>+</sup>17, JQWG15, SHZ<sup>+</sup>14, TMXS24]. **Plain** [SS23]. **Plane** [Mer86]. **Planes** [LYG<sup>+</sup>18]. **Planning** [KCW<sup>+</sup>05, LCT<sup>+</sup>20, SI11]. **PLASMA** [YKLD17]. **Platform** [DTLW16, DZW10, ELGE17, FSS06, GMB<sup>+</sup>11, LLW<sup>+</sup>17, SSEA14, ZJG17].  
**Platform-Independent** [FSS06].  
**Platforms** [BC15, FRT<sup>+</sup>18, Gha19, HMF<sup>+</sup>13, MXP14, MMN15, MVD<sup>+</sup>14, PGLC<sup>+</sup>18, PVF21, RGB<sup>+</sup>08, VFIN12]. **pocl** [JSS<sup>+</sup>15]. **Point** [KSA<sup>+</sup>18, LTF<sup>+</sup>12, NST89, Ano86a, EG86].  
**Points** [Mer86, SS92]. **Polaris** [FWH<sup>+</sup>94].  
**Policies** [BEP13, CML04]. **Policy** [Roy10].  
**Polka** [Dav87]. **Pollination** [MSJ20].  
**Polling** [Lin91a]. **Pollutant** [RSV<sup>+</sup>05].  
**Pollution** [MKAP05]. **Polygons** [SS92].  
**Polyhedra** [LW97, QRW00]. **Polyhedral** [DV97, IAR21, JCD<sup>+</sup>14, PCP<sup>+</sup>13, SA19].  
**PolyJIT** [SA19]. **Polymorphic** [CGPS18].  
**Polynomial** [SWL05, ZYOY13].  
**Polynomial-Time** [SWL05]. **Pool** [ACD<sup>+</sup>16]. **Pools** [HR11]. **Port** [CND95, IBA11]. **Portability** [EGK23, KaM10]. **Portable** [EAK21, EVK22, JSS<sup>+</sup>15, JF21, LS91, NLBB23].  
**Porting** [YKLD17]. **positive** [GHLN86].  
**Post** [NS97b]. **Post-Pass** [NS97b].  
**Potential** [HML<sup>+</sup>20]. **Potentials** [PDN21].  
**Potentials-Based** [PDN21]. **Power** [AOAM21, AVLV03, GHR20, JS10, NBN<sup>+</sup>15, OBB<sup>+</sup>24, PO07, RSP20, SDH22, SWZ<sup>+</sup>15, SAI<sup>+</sup>20, WMN<sup>+</sup>17, ZLJ<sup>+</sup>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<sup>+</sup>00, CHPC96, TF96]. **predicates** [FK87]. **Predication** [AmWHM99]. **Predictability** [SS99]. **Predicting** [ÖA21]. **Prediction** [AOAM21, CEP97, JSHP97, LEG11, MOL05, RWMF24, SK14, TF96, ZWJK05, ZJG17]. **Predictive** [PCP<sup>+</sup>13]. **Predictor** [CHYP96]. **Predictors** [KMG01, LJ08]. **Preface** [CY14, WNMW16]. **Prefetch** [FDY<sup>+</sup>19, HGT<sup>+</sup>12, WLL<sup>+</sup>08]. **Prefetch-Based** [WLL<sup>+</sup>08]. **Prefetch-Obfuscator** [FDY<sup>+</sup>19]. **Prefetcher** [GMB06]. **Prefetching** [CTK<sup>+</sup>11, DJS12, GRV<sup>+</sup>17, GV99, HGT<sup>+</sup>12, HTmG<sup>+</sup>12, ZGH<sup>+</sup>15]. **prefix** [MA87, SS89]. **Pregel** [TH17]. **Presence** [JSHP97]. **Preserving** [DC20]. **PreSET** [SZH18]. **pressure** [LAV98]. **Prevent** [GMB95]. **Price** [Ger10]. **Pricing** [WWG<sup>+</sup>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<sup>+</sup>11, Iqb91, LSM<sup>+</sup>18, LHP<sup>+</sup>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<sup>+</sup>18, CPP<sup>+</sup>12, CY14, DJR16, GG14, GL18, GSS10, GB20, HZL16, HSXH19, JGP<sup>+</sup>18, JGM15, KIT<sup>+</sup>20, LT17, LAD15, Lys08, Mil88, NS97b, PTD<sup>+</sup>06, PS23, RSK09, RSA<sup>+</sup>18, RG15, SAB11, SHLJ17, SMDJ19, SBN03, TSS99, TRD21, TA99, VVCA23, WZB<sup>+</sup>92, WW17, ZLA21, ZHF<sup>+</sup>19, Ano87e, ECSS88, WB87]. **Processor** [BGMR11, BKT08, FCJV99, FVvL<sup>+</sup>16, GWPV21, HtBK<sup>+</sup>10, JHLM01, KBD03, KTT<sup>+</sup>99, SMM94, TKN<sup>+</sup>08, WSS18, WS08, WSO<sup>+</sup>07, XWH21, BM09, KBG<sup>+</sup>08, ZGH<sup>+</sup>15, Sca11]. **Processors** [AOAM21, AK96, AMKE18, BG03, Cra88, Giv07, Giv08, GE90, HYBA18, KLG08, KL00, LG10, LZ17, MSJ01, OBB<sup>+</sup>24, PG07, QZP15, RPF18, SDH22, SKA96, SA10, WLL17, Zha10, AH08, DS97, Hem89, MA87, PW87]. **ProODACT** [FDY<sup>+</sup>19]. **Product** [MWHS24]. **Productive** [GHDF19]. **Productivity** [BCS<sup>+</sup>09, BS07, Car09, KaM10]. **Profile** [CMW<sup>+</sup>94, CPMC96, GAG22]. **Profile-assisted** [CMW<sup>+</sup>94]. **Profile-Based** [GAG22]. **Profile-Driven** [CPMC96]. **Profiling** [CPMC96, LPF16, WTL<sup>+</sup>23, ZD19, ZSH<sup>+</sup>12]. **Profiling-Free** [WTL<sup>+</sup>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<sup>+</sup>05, Gre16, GW19, GRR98, HSCI<sup>+</sup>16, HG18, HK14, HKJ<sup>+</sup>18, Hud86, KS97, Kes20, KBG<sup>+</sup>08, LHL<sup>+</sup>16, Lin91a, Lub90, MRLR16, MFGEL19, NL23, NAP02, PLN<sup>+</sup>04, PVAE98, QFRA19, RPF18, SQH92, SS01, SS23, SFAG14, Swa88, UKT00, VRGC19, YS22, YBRM14, ACD<sup>+</sup>14, BCL90, BCK98, Ken94, Par86a, Par86c, Tin88]. **Programs** [AR16, AJF16, BAF94, BS03, BDH<sup>+</sup>14, CB01, CZ12, Dab21, DJR16, DSR17, EHKT07, FCRC16, FJO<sup>+</sup>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<sup>+</sup>19]. **Project** [BCC<sup>+</sup>05, MAB<sup>+</sup>11]. **Projection** [fSxWC18]. **PROLOG** [Ali86, AK90a, AK90b, Cie91, MARC24, SB90, SH96, TSS86]. **PROMIS** [SSP<sup>+</sup>00]. **Promoting** [WLW<sup>+</sup>17]. **proof** [FcF87]. **Propagation** [LMP98, LXL17, MXP14, SF20]. **Properties** [MAJD16]. **Property** [LWDL17]. **Proposal** [DFC<sup>+</sup>07, DFA<sup>+</sup>09]. **Protein** [FJZ<sup>+</sup>15, KLK16]. **Protocol** [BAP01, DeB87, GSY<sup>+</sup>13, MPAG18, PK20, RA09]. **Protocol-Based** [DeB87]. **Protocols** [BHL21, SB91, BCK98]. **Providence** [AKA<sup>+</sup>20]. **Provide** [SS17]. **Proximity** [LTL15]. **Pruning** [HSM<sup>+</sup>24, WHC<sup>+</sup>17]. **Pseudo** [EVK22, WQZ<sup>+</sup>24]. **Pseudo-Random** [EVK22]. **Pseudo-Synchronous** [WQZ<sup>+</sup>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<sup>+</sup>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<sup>+</sup>19]. **Queue** [BBB<sup>+</sup>17, NSS12, WZTH13, ZLD15, CSF<sup>+</sup>20, CRM92]. **Queue-Based** [ZLD15]. **Queueing** [RKG04, TB23, AD86]. **Queues** [GL92, LLM16, RMH21]. **Queuing** [WZTH13].

**R** [TRL09]. **Race** [KSJ14, MTT15, YLB19]. **Radial** [DMC<sup>+</sup>18]. **Radiation** [LG10, Zey05]. **Radiation-Induced** [LG10]. **Radio** [vNR11]. **Radios** [KWA<sup>+</sup>10]. **Radix** [SWF<sup>+</sup>17]. **Railway** [FLMR02]. **Random** [AK17, EVK22, GAR<sup>+</sup>16, YWY<sup>+</sup>18]. **Randomized** [DS97, Li03, JGA<sup>+</sup>88]. **Ranking** [DS97, uRHH14]. **RANSAC** [HPVRPF15]. **Rapid** [TCUV14]. **Rate** [HCEP98]. **Ray** [STF<sup>+</sup>12]. **Ray-Traversal** [STF<sup>+</sup>12]. **RDMA** [GSY<sup>+</sup>13, JLJ<sup>+</sup>18, LWL<sup>+</sup>19, LWP04, RA09, ZLA21]. **RDMA-Based** [LWP04, ZLA21]. **RDMA-Enabled** [GSY<sup>+</sup>13, RA09]. **Reachability** [WZB<sup>+</sup>92]. **Reaction** [HF14a, HF14b]. **Reactive** [BHL21]. **Read** [DCX<sup>+</sup>17, MV17]. **Real** [BEJD21, EWHS11, FJA<sup>+</sup>18, FJO<sup>+</sup>16, GAK20, LCT<sup>+</sup>20, RSA<sup>+</sup>18, YLB19]. **Real-Time** [BEJD21, FJA<sup>+</sup>18, FJO<sup>+</sup>16, LCT<sup>+</sup>20, RSA<sup>+</sup>18, EWHS11]. **Real-World** [YLB19]. **Realistic** [GZJ18]. **Really** [Kuc94]. **Realm** [PCJ18]. **Rearrangement** [SJBV06]. **Reasoning** [HVF18]. **Recognition** [KSA<sup>+</sup>18, PR99, SS92, SHK13, WZG<sup>+</sup>17]. **Recognizing** [PS92]. **Recommendation** [YFC21]. **Reconfigurable** [GMB<sup>+</sup>11, GBC<sup>+</sup>08, KBD03, NdMMW16, NBN<sup>+</sup>15, PJS<sup>+</sup>05, TKN<sup>+</sup>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<sup>+</sup>05, LHF<sup>+</sup>15, LJ08, ML15, PO07, SK97, SWL05, JK86]. **Redundant** [CH95, EAT14, GV95, HTDL18, KTT<sup>+</sup>99].

**Refactoring**[AKBPV19, BDH<sup>+</sup>14, BJM20b, BJM20a].**Referees** [Lin92, Lin88b, Lin91b, Lin86, Lin87, Lin89, Lin90]. **Reference**[ALG<sup>+</sup>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<sup>+</sup>17]. **Rehab**[SAL16]. **Reinforcement** [CR19, CLL21].**Related** [Lub90]. **Relation**[BKK20, BKK23, VK88]. **Relational**[MAWD<sup>+</sup>16]. **Relationship** [LkCH94, fS18].**Relative** [SB91]. **Relaxation** [CCL12].**Relaxed** [HVF18]. **Relaxing** [AKD98].**Relevant** [NAS23]. **Reliability** [BBR11b].**Remaining** [XLWX19, YYYX20]. **Remote**[JG97]. **Remoting** [MGL<sup>+</sup>17]. **Removal**[CDRV98, WS14]. **Renaming**[CSC<sup>+</sup>00, TA99]. **Rendering**[BGMR11, SC88]. **Rendezvous**[CMW90, RA09]. **Reordering**[JDF20, KP95]. **Reorderings** [MCWK01].**Repair** [SDL17]. **RePhrase** [DDD<sup>+</sup>19].**Replacement** [BEP13, Roy10, TFMP97].**Representation**[ASS24, CFB94, FWH<sup>+</sup>94, GP94, GBC<sup>+</sup>08,KSA<sup>+</sup>18, LYG<sup>+</sup>18, WGW04]. **Represented**[SSB21]. **Reproduction** [Li03]. **Request**[DCX<sup>+</sup>17, HZL16]. **Request-Aware**[DCX<sup>+</sup>17]. **Requirement** [MSJ01].**Requirements** [CMW90, EDA96, JSHP97].**Rescheduling** [BCC<sup>+</sup>05, CS97].**Reservations** [SL14]. **Resizing** [KD15].**Resolution** [Hue97, YWY<sup>+</sup>18]. **Resource**[BEA<sup>+</sup>19, BS91, CTK<sup>+</sup>11, DS20, GB20,

RY20, RY22, SHS21, ZLD15, JK86].

**Resource-Aware** [CTK<sup>+</sup>11, GB20].**Resource-Constrained** [SHS21]. **Restart**[CRM17]. **Restarted** [LEA15].**Restoration** [JBB21]. **Restoring** [EGJS15].**Restructuring**[KAMAMA17, MP04, PMHC03]. **Results**[AK92, AW98, GTK<sup>+</sup>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<sup>+</sup>24].**RISC-V** [OBB<sup>+</sup>24]. **RMI** [SW16]. **Road**[ANS20, GGE19]. **Robot** [JGZ<sup>+</sup>20].**Robotic** [BUMS02]. **Robust**[LLSS03, Zha10]. **Rochester** [YBDJ17].**Rock** [WSC20]. **Rollback** [DDJ<sup>+</sup>18].**RollSec** [DDJ<sup>+</sup>18]. **Route** [SI11]. **Router**[JDF20]. **Routing** [BB90, IBA11, JLDF19,KAI20, LNP91, PK20, TOM<sup>+</sup>11, YMW<sup>+</sup>17].**RT** [KAMAMA17]. **RT-CUDA**[KAMAMA17]. **RTOS** [KHT21].**RTOS-Aware** [KHT21]. **Ruby** [Sek09].**Rule** [KGK20, MAWD<sup>+</sup>16, KM86].**Rule-Based** [KGK20, KM86]. **Ruleset**[Sca11]. **Run** [BG17, ELGE17, HtBK<sup>+</sup>10,RSP20, RAP95, TTF<sup>+</sup>08]. **Run-Time**[RAP95, BG17, HtBK<sup>+</sup>10, TTF<sup>+</sup>08,vdSGBW08]. **Runge** [BP17]. **Runtime**[CEH13, ELGE16, FSS06, FRT<sup>+</sup>18, FR95,FCRC16, GWYQ18, GRV<sup>+</sup>17, GG14, HRC17,

HL21, Hue97, KTF23, Low00, NAP02,

PHS19, TAY<sup>+</sup>12, TCUV14, XLWX19].**Runtime-Assisted** [GRV<sup>+</sup>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<sup>+</sup>17, LVM16]. **Satisfaction-Oriented** [LVM16]. **Satisfiability** [CPL<sup>+</sup>10]. **Saturation** [Tou05]. **SB** [GRR98]. **SB-PRAM** [GRR98]. **SBAC** [AG15]. **Scalability** [ACC<sup>+</sup>02, BS07, CFX<sup>+</sup>20, Lys08, RSK09, RNJ<sup>+</sup>12, SH15]. **Scalable** [AGPGF14, Bel94, DLRS13, EK14, Fea06, GWYQ18, GG14, GH89, HC17, IBA11, JQJ<sup>+</sup>16, MPAG18, MARC24, QZP15, RC16, RAP95, RBR22, TAY<sup>+</sup>12, Won02, XZX<sup>+</sup>15, ZLD15]. **Scalar** [Bos12, Fea91, SK97, SW95, AK96]. **Scale** [HC17, HKJ<sup>+</sup>18, KKZN12, LLGC17, LSA<sup>+</sup>07, LWGZ18, MAT23, SWF<sup>+</sup>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<sup>+</sup>17, BHJ06, BCC<sup>+</sup>05, BM09, CGJK95, CSC<sup>+</sup>00, CAK17, Cie91, CML04, EDA96, Fea92b, Fea06, FPCD14, GAG22, GRAG00, LLW<sup>+</sup>17, LSL94, LMHW18, MSJ20, MP95, MB12b, NIO<sup>+</sup>03, NBA13, PDN21, PIP18, Rau96, RD08, SMM94, TF94, WLL17, WMC98, YH18, YHGW16, CMW<sup>+</sup>94, Fea92a, GN89, HC17, NP98]. **Schema** [WTZ<sup>+</sup>19, WWG<sup>+</sup>19]. **Scheme** [AKA<sup>+</sup>20, FC11, GN20, GL18, GV99, GL95, KAI20, LGY16, Lin91a, LSL94, LJE05, NYHA14, SHZ<sup>+</sup>14, WLL<sup>+</sup>08, YHGW16, AD86, Mil88]. **Scheme-Based** [Mil88]. **Schemes** [ASW<sup>+</sup>15, AMAH01, CKC22, HC17]. **School** [WMK19]. **Science** [HLK<sup>+</sup>09]. **Scientific** [CAK17, DGMP09, HML<sup>+</sup>20, IPR<sup>+</sup>05, MV17, SSB<sup>+</sup>17, TTF<sup>+</sup>08, WSO<sup>+</sup>07]. **SCnC** [SSNS16]. **Scratchpad** [CHCL14]. **SDN** [AAN<sup>+</sup>20, FBV21, SAI<sup>+</sup>20, UWF<sup>+</sup>20]. **SDRAM** [LPB13]. **Search** [BJM20b, DS20, GAR<sup>+</sup>16, Ged13, Hun91, KS90, LY95, MAT23, MB12b, MVD<sup>+</sup>14, WMK19, AD89, DPL86, KR87, RK87]. **Searchable** [AAI<sup>+</sup>20a, AAI<sup>+</sup>20b]. **Searches** [LTF<sup>+</sup>12]. **Second** [SS10]. **Section** [Ano16d, Ano16c]. **Secure** [AKA<sup>+</sup>20, DDJ<sup>+</sup>18]. **Security** [AATD20, MSPR18]. **Segmentation** [LF15]. **Segmented** [JLV21]. **Seismic** [PTdSF<sup>+</sup>12, Wai87]. **Selected** [KPS14]. **Selecting** [Low00]. **Selection** [CS20, DE00, GAR<sup>+</sup>16, KDV22, SAS18, WTZ<sup>+</sup>19, WTQ21, uRHH14]. **Selective** [KMG01, TFMP97]. **Self** [DWS16, EFED05, FKM<sup>+</sup>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<sup>+</sup>11]. **Self-verified** [KFC08]. **Semantic** [HHC<sup>+</sup>15, KSF<sup>+</sup>18, LQWP10]. **Semantic-Aware** [LQWP10]. **Semantics** [ACC<sup>+</sup>01, Cam89, Hud86, Ric90]. **Semi** [GVB<sup>+</sup>06, KMV87]. **Semi-Automatic** [GVB<sup>+</sup>06, KMV87]. **Sensitivity** [SLZB13]. **Sensor** [CPT14, DM20, NBN<sup>+</sup>15, RY20, RY22]. **Separation** [SS92]. **Sequence** [LHP<sup>+</sup>17, SO89, ECSS88, Hua89]. **Sequences** [AK17, FJZ<sup>+</sup>15]. **Sequential** [FCRC16, LNG12, TFNG09, WNMW16, Ali86]. **Serial** [NIK00]. **Series** [DMC<sup>+</sup>20]. **Server** [AFM<sup>+</sup>06, CYS16, LJ09]. **Servers** [EAT14, NYHA14, RC16, WLW<sup>+</sup>17]. **Service** [DWQ17, GAK20, LJ09, YFC21, uRHH14]. **Services** [HZL16, HHC<sup>+</sup>15]. **Set** [API03, CZTM03, DDD<sup>+</sup>19, GFL00, HCEP98, Mer86, SRS06, WGW04, XZT20, SZH18]. **Sets** [DWS16, FR95, LHF<sup>+</sup>15, NRR99, SS92, EG86]. **several** [Hem89]. **SFLA** [DS20]. **SGI** [CML04, IPR<sup>+</sup>05]. **Shape**

[CAZ02]. **Share** [TV15]. **Shared** [BS03, BS91, CCG<sup>+</sup>14, Cra88, FBGEL19, GV99, GG13, HML<sup>+</sup>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<sup>+</sup>14, FBGEL19, GV99, HML<sup>+</sup>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<sup>+</sup>16, NS97b]. **Signals** [vNR11]. **Signed** [GWHY19]. **Significance** [VCP<sup>+</sup>16]. **SIMD** [GS90, KJHB14, Moh19, PES<sup>+</sup>18, SJBV06, SDJS98, TB23]. **Similarity** [Cza17, Ged13, RBR22]. **SimilarityJoin** [TRB<sup>+</sup>24]. **Simple** [CL96, WS08, LS91]. **simplicial** [EG86]. **Simplify** [MFGEL19]. **Simplifying** [MCA98]. **Simulating** [BH87]. **Simulation** [ABvK<sup>+</sup>13, AA15, Ano18a, CSD21, Dem11, GHR20, KWA<sup>+</sup>10, KP05, LJE05, MCE13, MGJS15, MANR09, PVG17, PPQV16, RJO22, SAB11, SJW22, TGT18, Zey05, ZWJK05, GT86]. **Simulation-Based** [ZWJK05, KWA<sup>+</sup>10]. **Simulations** [ASW<sup>+</sup>15, CGN<sup>+</sup>09, GZJ18, HLP11, HF14a, HF14b, LLGC17, PES<sup>+</sup>18]. **Simulator** [WPC07]. **Simulators** [MPR<sup>+</sup>05, PC13, TCUV14]. **Simultaneous** [LEL<sup>+</sup>99, PIP18, WS08, WE18]. **Single** [CB01, Dab21, EGK23, Fos89, HF14a, HF14b, PM07]. **Single-Source** [EGK23]. **Single-Valuedness** [Dab21]. **Singular** [BUMS02, LP94]. **Sink** [PK20, SAI<sup>+</sup>20]. **SISAL** [AM95]. **Site** [GWPV21]. **Size** [KDV22, Low00]. **SKA1** [FVvL<sup>+</sup>16]. **SKA1-Low** [FVvL<sup>+</sup>16]. **Skeleton** [DK16, DM17, EK14, ELK18, GRC<sup>+</sup>14, GGV17, IH04, MFC21, RPF18, SFAG14, STB<sup>+</sup>18]. **Skeleton-Based** [GGV17]. **Skeleton-Driven** [GRC<sup>+</sup>14]. **Skeletons** [CPT14, DMK21, EM14, EK17, GK18, HdMMK22, HK23, JCD<sup>+</sup>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<sup>+</sup>20, MMD21, UWF<sup>+</sup>20, SJT13]. **Smith** [FJZ<sup>+</sup>15, HMF<sup>+</sup>13, RSJ<sup>+</sup>19, TG05, ZTY<sup>+</sup>19]. **SMPs** [BS03]. **SMSG** [WTL<sup>+</sup>23]. **SMT** [KLG08]. **Snow** [TRL09]. **SOC** [LVM16, AML<sup>+</sup>10, KHH08, KBG<sup>+</sup>08]. **Social** [CLJH16, GWHY19, LCL19]. **socket** [RC16]. **Soft** [ÖA21]. **Software** [AVM<sup>+</sup>16, BTB<sup>+</sup>13, BKK20, BKK23, CSCL20, CFF<sup>+</sup>06, DDJ<sup>+</sup>18, Dar05, DJS12, EFED05, GV99, GRAG00, HYBA18, HTK98, JACK20, KWA<sup>+</sup>10, KAMAMA17, KIT<sup>+</sup>20, KVG18, KCW<sup>+</sup>05, Lys08, MMG04, MJ02, MBE03, MSA<sup>+</sup>07, NSU22, OXL<sup>+</sup>17, OPLS17, RA94, RLPN<sup>+</sup>02, RMH21, SWZ<sup>+</sup>15, SAL16, STM15, YZZ20, YKM03, ZLAV04, dMP<sup>+</sup>03, LAV98, WEJS94]. **Software-Defined** [CSCL20, RMH21]. **Solid** [YJY16]. **Solution** [GM20, GHLN86, KS90, RB86]. **Solutions** [BBGM95, BFRPVR<sup>+</sup>15, Fea92b, RK92, SdLC21, Fea92a]. **Solve** [LSM<sup>+</sup>18]. **Solver** [CF19, CTB14, KFC08, LDHL05, MLdIP02, MRLR16]. **Solvers** [CJS21, GLLH17, NLRH07]. **Solving** [AVPG00, VSDK09]. **Some** [Fea92a, Fea92b, VRGC19]. **Sort** [JK03, WR18]. **Sorting**

[DMMS91, SKAT91, SJC18]. **Sound** [RLK20]. **Soundness** [LWF<sup>+</sup>19]. **Source** [AML<sup>+</sup>10, BML<sup>+</sup>13, EGK23, GK94, HML<sup>+</sup>20, PK20, SJW22]. **Source-Code** [GK94]. **Source-to-Source** [BML<sup>+</sup>13, HML<sup>+</sup>20]. **Space** [CML04, DWQ17, FVvL<sup>+</sup>16, HPVRPF15, KS90, KWA<sup>+</sup>10, LCU92, LWLG11, MB12b, MWHS24, PG07, PCP<sup>+</sup>13, SS01, SWL05, TAY<sup>+</sup>12, XZX<sup>+</sup>15, EG86, Hua89]. **Space-and-Time** [LWLG11]. **Space-Efficient** [XZX<sup>+</sup>15]. **Space-Sharing** [CML04]. **Spaces** [HR11]. **spanning** [Zha89]. **Spark** [GSP<sup>+</sup>17, HHW20, LXL17, RSA<sup>+</sup>18]. **Sparse** [BBR11a, CFC<sup>+</sup>19, CFX<sup>+</sup>20, HP13, JLV21, KTRZ<sup>+</sup>17, KSA<sup>+</sup>18, LTSD15, LDHL05, LHLT19, LWGZ18, GN89, GHLN86]. **SparseNN** [LWGZ18]. **Spatial** [CS20, DMC<sup>+</sup>18, FLMR17a, FLMR17b, HtBK<sup>+</sup>10, fS18, VVCA23]. **SPAWN** [PDN21]. **SPEC** [SGJ<sup>+</sup>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<sup>+</sup>19, BmH98, DB08]. **Specialization** [FRT<sup>+</sup>18, GW19]. **Species** [FJZ<sup>+</sup>15]. **Species-Based** [FJZ<sup>+</sup>15]. **Specific** [API03, CZTM03, CB19, TFEK16, TOM<sup>+</sup>11, WL16, WK20]. **Specification** [BdS07, BS91, PC13, RA94]. **specifications** [Wai87]. **Spectral** [CS20]. **Speculation** [BS15, KVG18, WS08]. **Speculative** [AK92, CHPC96, Col95, ELGE16, JCD<sup>+</sup>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<sup>+</sup>12]. **Spill** [PB04]. **Spin** [HLP11]. **SpiNNaker** [RNJ<sup>+</sup>12]. **Spline** [AP86]. **Split** [WR18]. **Splitting** [GFL00]. **SPMD** [Dab21]. **SPP** [SSMO96]. **SPP-1000** [SSMO96]. **Spread** [LEA15]. **SQL** [HHW20]. **SR8000** [TSB03]. **SSD** [OXL<sup>+</sup>17]. **stabilizing** [DWS16]. **Stack** [BEP13]. **Stacked** [LHP<sup>+</sup>17]. **Stage** [EDA96, PYC16]. **Stand** [DJR16]. **Stand-Alone** [DJR16]. **Standard** [FSS06, SÜCV17, YKLD17, NdMMW16]. **Standard-Library** [SÜCV17]. **StarCore** [PB04]. **State** [BR97, KS90, KPS14, LHL<sup>+</sup>16, OOR13, YJY16]. **State-of-the-Art** [LHL<sup>+</sup>16]. **State-Space** [KS90]. **Stateful** [ACC<sup>+</sup>01, DM17]. **States** [DDJ<sup>+</sup>18]. **Static** [BCC00, CB01, CSD21, HYBA18, Li03, MRLR16, NIO<sup>+</sup>03, RRH03, Gao86]. **Statically** [BCL17]. **Statistical** [AAI<sup>+</sup>20a, AAI<sup>+</sup>20b, NSU22, PYC16]. **Status** [Ano16c]. **Steal** [TV15]. **Stealing** [HHW20, YH18]. **Steiner** [BR14b, MNN22]. **Stencil** [CB19, HdMMK22, HDK24, MS11, SBC17]. **Stencil-Operations** [HDK24]. **Stiff** [MLdIP02]. **STL** [HG18]. **Stochastic** [ASW<sup>+</sup>15, RSV<sup>+</sup>05]. **Storage** [AMAH01, CM06, JSHP97, LT17, NG92, WTZ<sup>+</sup>19, WTQ21, AH86, CSF<sup>+</sup>20]. **Storage-Centric** [CM06]. **Store** [BG96]. **Stores** [AZK<sup>+</sup>18]. **Storm** [ZLA21]. **Story** [MSA<sup>+</sup>07]. **Straightforward** [MCT<sup>+</sup>18]. **Strassen** [uHKAMFM16a, uHKAMFM16b]. **Strategies** [CGJK95, CF19, FLMR17a, FLMR17b, LJ09, PK20, SAS18]. **Strategy** [GSP<sup>+</sup>17, IS03, JM20, RBES00, WLL<sup>+</sup>08, WR18, ZLJ<sup>+</sup>17]. **Stream** [GSS10, GHDF19, GHR20, LHP<sup>+</sup>22, RSA<sup>+</sup>18, RGB<sup>+</sup>08, TF94, ZK07, ZLA21, SRV88]. **Stream-Conscious** [ZK07]. **Stream-Oriented** [RGB<sup>+</sup>08].

**Streaming**

[ASS24, BBR11b, CHCL14, HtBK<sup>+</sup>10, LJ09, MAB<sup>+</sup>11, SSNS16, TB23, VNU19]. **Streams** [CPP<sup>+</sup>12, DM17, Tic90]. **Strict** [CSTGL03].

**Structural** [AMP<sup>+</sup>05]. **Structure**

[EFED05, LWDL17, MGW99]. **Structured** [BABW14, Fea06, GGV18, HCEP98, MV17, MP95, NLRH07, SASH12]. **Structures** [BCL17, CL96, ELGE16, GL18, HGT<sup>+</sup>12, HTmG<sup>+</sup>12, JSHP97, RG15, SL14, SH15, vdSGBW08]. **Student** [FJA<sup>+</sup>18]. **studies** [CG94]. **Study** [BKT08, DE00, FPY08b, HPVVRPF15, HMT<sup>+</sup>96, LVJ22, LDHL05, MS11, PMV17, Sca11, SPS14, KM86].

**Styles** [PC13]. **Sub** [LS05]. **Sub-Networks** [LS05]. **Subdivision** [BGMR11]. **Subgroup** [FG16]. **Submission** [LLL<sup>+</sup>15].

**Submitting** [NSS12]. **Subroutines**

[CCG<sup>+</sup>14]. **subscribers** [Ano92]. **Suitable** [MVB<sup>+</sup>06]. **Suites** [SGJ<sup>+</sup>03].

**Summarization** [KSF<sup>+</sup>18]. **Summation**

[ML15]. **sums** [MA87]. **Super** [AK96, JLDS16, YWY<sup>+</sup>18].

**Super-Resolution** [YWY<sup>+</sup>18].

**Super-scalar** [AK96]. **Supercomputer** [MSA<sup>+</sup>07]. **Supercomputers**

[SBC17, qWlJzKhC17]. **Supernode** [SPS14]. **Superscalar** [MSJ01, VMS15].

**Supertreaded** [TJY99]. **Support** [EK17, GRR98, KTBP18, PB01, WGF<sup>+</sup>16, BCL90].

**Supported** [SD11, AH08]. **Supporting** [BHJ06, CYS16, FMSG17, MMS07, OOS<sup>+</sup>08, SQH92]. **SURF** [Zha10]. **Surfaces** [AP86, BGMR11, DMC<sup>+</sup>18, PGLC<sup>+</sup>18, SC88].

**Surrogate** [JM20]. **Surveillance**

[fS18, WZG<sup>+</sup>17]. **Survey** [BR14b, KPS14, LHL<sup>+</sup>16, LMPS05, SJC18, YH18, YS22, Cie91]. **Survive** [ABB<sup>+</sup>10].

**SVM** [CSCL20]. **SW** [KBG<sup>+</sup>08]. **Swap**

[FLD15, Sun11]. **Swarm** [dMMKdLN22, NdMCDMMW16, RLH14].

**SWIMM** [RSJ<sup>+</sup>19]. **Switched** [FPY08a].

**Switches** [SWF<sup>+</sup>17]. **Symbol** [MARC24].

**Symbolic**

[ACD<sup>+</sup>16, CFF<sup>+</sup>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<sup>+</sup>24].

**Synopsis** [HZL16]. **Synthesis** [PG16].

**Synthesizing** [AMP01, AMAH01, AJF16].

**System** [AG06, AA15, BBB<sup>+</sup>17, BCS<sup>+</sup>09, BC10, CYS16, Cza17, DLX<sup>+</sup>17, EFED05, GG14, GZJ18, GCD<sup>+</sup>03, HSCI<sup>+</sup>16, HMT<sup>+</sup>96, JGZ<sup>+</sup>20, KTF23, KFC08, Mil88, MMS07, NIK00, NSU22, NP01, RSP20, RLH14, RNJ<sup>+</sup>12, SGJ<sup>+</sup>03, SJKA99, SSMO96, SH15, TLSG05, TTF<sup>+</sup>08, TRL09, WGF<sup>+</sup>16, XZX<sup>+</sup>15, ZLC<sup>+</sup>19, ZXY<sup>+</sup>15, KM86, Tin88, KK11]. **System-level** [BC10].

**Systematic** [IR19, TH17]. **SystemC**

[BFS05, CSD21]. **Systems**

[Ano16c, Ano18a, Ano21a, Ano21b, AF15, AMP<sup>+</sup>05, ANS<sup>+</sup>12, BAP01, BETK24, Bro15, Bro19, CHB06, CS97, CAT18, DK16, DLRS13, EWHS11, ELK18, EAK21, EVK22, EGK23, FLMR02, FBV21, FPCD14, FBGEL19, FJO<sup>+</sup>16, GWYQ18, HC17, HRH08, HtBK<sup>+</sup>10, HSXH19, HLK<sup>+</sup>09, KKSP18, KK20, KTRZ<sup>+</sup>17, Kuc94, LLM<sup>+</sup>12, LFL<sup>+</sup>17, LSA<sup>+</sup>07, LMPS05, MP91, Mar17, MCE13, MGJS15, MBE03, Pan08, PP10, PB01, PM07, PVG17, PO07, PPEP08, RK92, RWMF24, RJO22, SGK12, SSM21, SEP08, SS17, SFAG14, STB<sup>+</sup>18, TSS99, TKN<sup>+</sup>08, US05, WS14, WLL<sup>+</sup>08, ZC17, AH86, Cie91, Dav87, GHLN86, Par86b, PD89, PW87]. **Systolic** [AP86, Ano87e, IP90, Lan90].

**T** [Swa88]. **Table**

[CEP97, CHSC18, MARC24, OOR13].

**Tabled** [AR16]. **Tackling**

[DFH17, SLZB13]. **Tag** [PO07, VFIN12].

**Tampering** [ABSSS19]. **Target** [fSxWC18].

**Targets** [ZQT20]. **Task** [BM09, CKC22,



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