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Title word cross-reference

$(2^n - 1, 2^{n+p}, 2^n + 1)$ [Hia17]. $(G(2^m, 4))$ [KP13]. (t, k) [CH13, Cha10a, CH11]. + [BKV12]. 0 [XHX⁺17]. $0 < l < r$ [KCK16]. 1 [HWG⁺14, JSC10, MSK15, XHX⁺17]. 10 [VAB14]. 2 [CMB13, CND⁺18, EJ15, LJY⁺15, RKZ16, SG12, TLP18, WHL17]. 2^n [Sou15]. $2^n + 1$ [HMC11, VD12]. 3 [AD10, ASS⁺18, AVS⁺14, CTH14, CCK⁺16a, CCL⁺18, CWTT13, DYW15, EDL⁺14, EYBK15, HCY18, JKD⁺19, KAH⁺15, KKC15b, LJY⁺15, LLW⁺17, MWWT13, RVL⁺14, SKEB18, SPC⁺18, TMS⁺14, TCHL18, WJY⁺17, WZL⁺17, XCF16, YEY⁺16, YMG16, ZDYZ14]. 4 [PP16, Sou15, TAM⁺16]. 5 [FGS⁺13]. 8×8 [CND⁺18]. 4 [ZLN11]. B^+ [FYSK14]. d [PRM16]. D^3 [YTD⁺18]. η_T [BDE⁺11]. F_3^m

[AH10]. $GF(2)$ [Ose11]. $GF(2^m)$ [CLL⁺14, Cil13, DJA14, WF12]. K [FG10, AD10, AD12, Amm14, Fen14, FEM⁺18, HK13b, NTR14, YUGD14, YLA⁺15, ZCL⁺16]. L [CMB13]. $LFSR$ [Pom16a]. \mathbf{F}_q [KCK16]. N [ADJG19, AMVOS⁺15, AVS⁺16, FG10, HK13b, Ose11, YM11, YUGD14, Zot10]. $n \times k (k \geq n/2)$ [MC11]. P [BCTV15, GT19]. $q \equiv lr^s \pmod{r^{s+1}}$ [KCK16]. r [KCK16]. s [KCK16]. T [KMM16, MCT19]. t/k [LXZH16, ZLXW15]. τ [ADJ12]. Z_N [LCwW10]. Z_q [EBE13].

-Approximation [SG12]. **-Ary** [HK13b, FG10]. **-Atomicity** [WHL17]. **-Automated** [SBMP18]. **-Based** [Pom16a]. **-Bit** [YUGD14]. **-Circuits** [BCTV15]. **-Connected** [SG12]. **-count** [MCT19]. **-Coverage** [AD10, AD12]. **-Covered**

[Amm14]. **-Cubes** [HK13b, FG10]. **-D** [MSK15]. **-Diagnosability** [Cha10a, CH13, LXZH16, ZLXW15]. **-Diagnosis** [CH11]. **-Dimensional** [Zot10, AMVOS⁺15, AVS⁺16]. **-Encoding** [XHX⁺17]. **-Extra** [CTH14]. **-Moduli** [Sou15]. **-Networks** [CMB13]. **-NN** [FEM⁺18, ZCL⁺16]. **-overlap** [ADJG19]. **-Partition** [NTR14]. **-Pipeline** [PRM16]. **-Term** [Ose11]. **-th** [KCK16]. **-Times** [YLA⁺15]. **-Tree** [FYSK14].

/Many [SNM16].

10Gbps [PRGBSAC19]. **128-Bit** [GV14]. **16** [ZAG19]. **1687** [ZNL18].

2 [XYF⁺15]. **2.0** [PC16]. **2.5D** [DYHX16]. **256** [IDG⁺17].

3D [ALW11, DSPB13, SKEB16, SVAB14, ZDYZ13]. **3D-ICE** [SVAB14]. **3D-NoCs** [DSPB13, SKEB16].

4-Bit [GM12].

5 [ZZS10, ZZL14]. **512** [GV14].

6 [FSL⁺17, ROGHNB⁺18, ZLWZ15].

802.11n [CKH15, GY16, GY14]. **802.15.4** [HXVQ15, NBZP17]. **802.16** [CTS13]. **802.16-Based** [CTS13].

Abort [EFGT18, IGLM15]. **Abort-on-Fail** [IGLM15]. **Absorbing** [MTFK19].

Abstract [KN11a]. **Abstraction** [BFP11, HSH⁺10, LVF19, YCK16, ZYY10].

Accelerate [RS10, SJVR19, ZLWZ15].

Accelerated [BEHL⁺19, MTFK19, SCSL12].

Accelerating [CMO⁺16, CYHC14, DOS15, LLCC13, RWZZ14, WZW⁺19, XZL⁺19, YEG⁺15].

Acceleration [AAR19, GIKR19, KCRG15, KN13, LK18, TLL⁺13, XYF⁺15, ZWH⁺15].

Accelerator [AKTB18, BQP⁺16, BCMJ10, DW10, LJG⁺19, LMB17, LLD19, MSPK12, MRL⁺18, ÖDSS17, PC16, PGvdG14, SDP⁺15, YMG15, YAG19].

Accelerator-Based [AKTB18].

Accelerators [BZ15, DMK⁺15, MGW14, SKPK10, VMB19]. **Access**

[Ano13e, CFL⁺18, CS15, HK16, HHW⁺18, KP15, LSG⁺18, LHYZ13, NH10, RC14, SPTC15, SCJ⁺16b, SCJ⁺16a, TLH⁺16, WHZ⁺15, XKT⁺15, YLA⁺15, YAGB17, ZICL12, ZMY11]. **Access-Time** [HK16].

Accesses [CVPS19, CLW⁺19, CLM⁺19, LK15a, LXW⁺19]. **Accounting** [LMC⁺12].

Accumulate [CCRL19]. **Accumulation** [KGD16]. **Accumulators** [BGHL19].

Accuracy [Pom16b]. **Accurate** [AFC10, BBK10, CTL⁺17, HCL⁺14, ISC15, Iko15, JCY⁺13, KGD16, LJ13, MNFA14, MWWT13, MD16, RMB⁺13, SQJ⁺15, TKT16, ZMR⁺13]. **Achieving**

[HHW⁺18, RRS⁺16, TLH⁺16, ZC13]. **ACO** [CHC⁺15]. **ACO-Based** [CHC⁺15].

Acoustic [UVG16]. **Across**

[LQD⁺16, CLS14, JSE14]. **Activate** [LYT⁺16]. **Activation** [RSN⁺18, SCJ⁺16a].

Active [HV14a, JRP⁺14, LYT⁺16, ST18a, WL13, YYC12, DHC⁺16]. **Activities**

[SJD⁺18]. **Activity** [Pom12d, Pom13a].

Actor [AEKT15, ASTU10, MB12b, ZM17].

Actor-Critic [ZM17]. **Actors** [DSB13].

Actuator [SPC⁺16]. **Ad** [CWZ11, CS15, CWTT13, CWY13, DLL⁺12, FS10, GDY15, LYCT10, RDEN10, TH11, XWY10].

Adaptable [KA19]. **Adaptation** [Ano13f, GSH⁺14, RDEN10, YyHL11].

Adapting [WGLL13]. **Adaptive** [AO12a, AKJ⁺13, ACW⁺11, AVS⁺16, BKPMC13, CHC⁺15, CCE⁺18, CKD⁺17, CGL⁺13, CYL⁺14, DYHX16, DY12, EDL⁺14, FFCB14, FYSK14, GLXY13, Ged14, GV15, HCL15, HCSW15, HLWV17, IBH⁺13, JT15,

JLLH19, KSEG15, LOH17, LSL15, LFH⁺16, LHH17, LWH⁺16, MTBB10, NY15, NY19, OKY⁺19, OGH⁺14, PPKW12, PM14, RBG14, RVL⁺14, RS10, RXC⁺15, SKEB18, SOM⁺13, SRK⁺17, SXCL14, SDL⁺19, TLP17, TRA18, TLGM17, WWM16, WW16, WYL⁺15, WAK⁺17, XHLW19, YyHL11, YWW⁺16, YZ15, YHV13, ZWH⁺15, ZL16]. **Adaptive-Acceleration** [ZWH⁺15]. **Adapts** [WTBT13]. **Adas** [HHC⁺18]. **adBoost** [khR⁺18]. **Add** [WF17, ZCK19]. **Adder** [CL10, KT19, Nan19, PSL17, SJS⁺14, VD12]. **Adders** [DDNT19, HVZ13, Kor15, LHL13b, LHL15b, LCW⁺16, MHH⁺17, WLG⁺19]. **Adding** [LLL14]. **Addition** [GVGNCVM16, JPG10, JDA15, KBP13, MLH12, VMHGN18]. **Addition/Subtraction** [KBP13]. **Additions** [LJ13]. **Additive** [TM18]. **Address** [AJH15, CKKS14, CQW⁺15, CC11, KCKL19, LYS10, LLHC15, ML16, SCZ⁺16, SRHC12, YCKH16]. **Addressable** [ALBP14, PO13, SMRM17, CCC⁺18]. **Addressing** [LXW⁺19]. **ADDSEN** [WAK⁺17]. **Adjacent** [NL18, Pom13a]. **Adjustment** [Yam10]. **Admission** [NZLK14]. **Admissions** [XWL10]. **Advanced** [KK18, SBP⁺14, XL16, MKRM10]. **Advances** [LLK18]. **Advancing** [ZCW18]. **Advocacy** [ST11b]. **Advocacy-Free** [ST11b]. **AES** [JL11, LB13, MMP13, MKRM12]. **AES-GCM** [JL11, MKRM12]. **AES/PCLMULQDQ** [JL11]. **Affine** [BLB⁺19, RKT19, ZYHZ16]. **Against** [FRB⁺18, GDLL18, MSS⁺18, SBMP18, YLY⁺15a, ASBdS16, GSF⁺10, KASZ13, LFJ⁺13, PLZW14, SKZS13, SBM15, SEY14, SWWC11]. **Age** [GEN⁺17]. **Agent** [LLCH13, SD13, TKL⁺14, ZCYX15]. **Agent-Based** [ZCYX15]. **Aggregate** [PSM17, CLW16b]. **Aggregation** [Ano13g, HXVQ15, KLT16, LWW11, QQW⁺17, RWZZ14, VBR⁺13, WJL⁺14, ZHW⁺16]. **Aggressive** [AS12, AS14, ARS16]. **Aggressiveness** [Pan16]. **Aging** [AEGH19, KAH18b, LSA18, SKH16, VCSG⁺19, ZBK⁺17]. **Aging-Aware** [KAH18b, LSA18, VCSG⁺19]. **Agnostic** [JKD⁺19]. **AH** [GYC⁺16]. **AH-Tree** [GYC⁺16]. **Aid** [NL14]. **Algebra** [DSB13, FGS⁺13, FGS⁺15, PvdGG12]. **Algebraic** [CND⁺18, HIJ⁺19, JLMP11, LYK19]. **Algorithm** [AT16, AHNT16, AK14, Bai17, CS11b, CZ16, CPL16, DZD⁺16, DSPB13, FG10, Fuj11, GWZ⁺10, GNSR14, HC13b, HWL⁺14, HEG11, JL11, JGHD11, KS14, KO14, KCK16, LBSK17, LPL⁺13, LYOB15, LT14, LMC⁺15, LY11, LBN14, LPW10, LYCT10, LLL11, LLCC13, LZ14, LSZ⁺15, LCW⁺15, MJW⁺14, MRL⁺18, OGH⁺14, PGvdG14, PB11, QML⁺15, Red14, SKEB16, SKEB18, SRR⁺16, SG13, SL10, SR14, SKA10, SJS10, SCNS10, TLZV11, TLP18, TC16, Tsa13, VVMAZ12, VB13, WBZ⁺15, WW16, XCW⁺10, Yan14, YLL16, YLA10, ZWLS15, ZFJ⁺17, dAJM14]. **Algorithmic** [CAGM14, DDNP11, GLP⁺12, HWG⁺14, JSC10, LKT13, NL14]. **Algorithms** [ADOKM10, AD13, BJ10, CCK10, CCH⁺15a, CB15, CCR⁺17, DALD18, EJ15, FMP19, GY14, GGL⁺14, HT16, HMA⁺10, HWG⁺14, JWH⁺15, JSC10, JMMP16, KLT16, Kûr12, LHC⁺14, LB15a, LSX13, LCwW10, LLP14, LMT13, MMH14, ML16, NZC11, PN16, PP16, Pip11, RHC⁺14, RT14, SG12, ST11b, TKL⁺14, WTY⁺14, WWM16, XLL15, ZHM14, ZMRQ11]. **Alignment** [BEHL⁺19, SKPK10]. **Alignments** [BCM10]. **All-Optical** [KH14]. **All-to-All** [ZGY13]. **Allocating** [MFG14]. **Allocation** [AF14, AQPMS15, BSM⁺14, CLS14, CPL17, DKG13, GO10, GDY15, HCCG10, HK17, IHR⁺16, LZA⁺16, LGF⁺15, MNGV16, PLP⁺13, PCLN15, PAP13, PAC⁺12,

PCZB11, PBE17, RCN11, UMN18, VTW16, WLT⁺16, XLL⁺18].

Allocation/Deallocation [PCLN15].

Allocations [XLTZ11]. **Allocator** [PKY19].

Almost [WHL17]. **Alternating** [HFZ13].

Alternatives [YLGE14]. **ALU** [AC11, HK15a, RTRM19]. **ALV** [ZZS10].

Always [TBC⁺17]. **Always-On** [TBC⁺17].

Ambient [JCY⁺13]. **Amdahl** [CA12a, YMG16]. **Amplification** [SQJ⁺15].

Analysable [KAQC14]. **Analyses** [LSSE15]. **Analysis** [ADJG19, AXS⁺10, ABEP16, AS14, BM13a, BBK18, BRN⁺15, BLB⁺19, BS14, BBB16, BDB18, BMZ17, BTW13, CS11b, CLW⁺15, CSW⁺15, CTL⁺17, CJ12, DMXY14, DDNT19, FEM⁺18, FHL⁺18, GW16, GGL⁺14, HB11, HTA10, HMA⁺10, HGW⁺17, HL10b, lko15, JRW⁺14, JKY10, JJC14, KE19, KGP15, KAH⁺15, KKY⁺16, LHC⁺14, LYK19, Lee17, LLL16, LDB⁺17, LHL13a, LCW⁺16, LGS⁺18, LCY⁺19, MKT⁺11, MTGM12, MMTM15, MHHS17, MBD⁺17, MBB⁺17, MMAC19, MCXZ18, MHML15, NDC⁺13, NRG15, OP15, PC10, PFGB14, RZZ⁺15, RHC⁺14, RM15a, RBG⁺19, SXLC15, SKEB16, SMB⁺15, SX12, SZDL14, SCNS10, TS11, UMN18, VSC⁺19, VALK19, WCM⁺16, WLZ10, XWLX17, YYW⁺16, YLH10, YTM16, ZICL12, ZJH⁺14, ZT15, ZWD⁺16, ZAG19].

Analysis-Based [RZZ⁺15]. **Analytic** [BD15, Fin10, JAD⁺18]. **Analytical** [EYBK15, GPN11, KM11, LLZ⁺17, LHL15b, MYHL16, MKM14, SV18, SKEB18, SMA19, VED⁺16]. **Analytics** [HZW⁺12, KRP18, XYHD17, ZQZ⁺19].

Analyze [DS14]. **Analyzing** [WF14].

Anchored [BGHL19]. **Android** [CXLX15].

ANGEL [ZCYX15]. **Angle** [RS10].

Angular [YASS14]. **Annual** [Ano11a, Ano11b, Ano12a, Ano13a, Ano14a].

Anomalies [KKT15]. **Anomaly** [VSF⁺17].

Anomaly-Based [VSF⁺17].

Anonymization [ZDP⁺15]. **Anonymized** [PLZW14]. **Anonymizer** [LFJ⁺13].

Anonymous [FHH10, HLT⁺15, YLA⁺15].

Answers [SLLG15]. **Ant** [HCSW15].

Antecedence [SD13]. **ANTELOPE** [HLJ14]. **Antenna** [CKH15]. **Antennas** [GY16, GGL⁺14]. **Anti** [YGS15].

Anti-Attacks [YGS15]. **Any** [Wal19]. **AP** [GY14]. **APC** [WS14]. **APIs** [SWWC11].

AppATP [LSL15]. **Application** [AKL14, AK14, BRN⁺15, CCW⁺10, CH13, CNJ14, cCWS14, DAS14, Fin10, GKB⁺10, GCF⁺16, JCY⁺13, JKD⁺19, JRC14, KKP⁺16, KCS⁺13, KL13, LKYC12, LSA⁺17, LCHC14, LGMP10, MMCS18, MGW14, MD16, MAG⁺17, MRW⁺15, MY10, RBG14, SP16, SIB13, SRK⁺17, WMW12, XJW⁺16, YLGD19, ZCZ⁺19, ZYY18].

Application-Adaptive [RBG14].

Application-Agnostic [JKD⁺19].

Application-Aware [KCS⁺13].

Application-Dependent [AKL14, KL13].

Application-Driven [LGMP10].

Application-Guided [SRK⁺17].

Application-Level [CCW⁺10].

Application-Specific [JRC14, LSA⁺17, SP16].

Application-Support [LKYC12].

Application/System [JCY⁺13].

Application/System-Dependent [JCY⁺13]. **Applications** [ABB17, ALW11, AF14, ABEP16, AEP18, BQP⁺16, BMP⁺10, BMM11, BDB18, CLX14, CHLL16, CG18, DA12, FBE⁺18, GJ14, GSX⁺13, GPR⁺19, HV12, HV13, KTAvdS16, KKC17, KN13, LKYC12, LGH15, LHH14a, MVB10, ML18, ÖDSS17, PWTS16, PAC⁺12, QJM⁺10, RKR15, RQ14, RNS13, SAR⁺11, SIVH16, TLGM17, VTA16, WZZ10, WHL⁺12, WLQS13, YCCJ15, YG10, YRG13, YHV13, YAGB17, ZCZL16, ZCS16, ZCW18, ZT15, ZYL15, ZCY⁺16].

Applying [YY14]. **Approach** [AD14, ABSK15, BR13, BC16, CWX⁺14,

Cha10b, CLL⁺14, CFW14, CRK10, CJ12, CH14, DDNP11, DMA⁺15, DYCG16, DSY⁺15, DRS⁺16, DJO11, Fan16, GWMB13, GLXY13, GC16, GBF⁺19, HRM⁺16, HCL⁺14, HF15, HMNN12, LP13a, LBWH11, LKT13, LWL⁺16, MOMT12, MMB14, MKRM11, ML16, NL14, PCHS17, PR14, RCM⁺16, RBIQ15, RM15b, SKC⁺14, STR15, SD13, STK16, SQJ⁺15, UHSA17, VECD13, VYEB18, VBR⁺13, WEH⁺19, WF14, WLS18, YMT13, ZZS10, ZWW⁺16, ZCR16]. **Approaches** [DLL⁺12, NR15, ORBM13, OPV⁺17, YEY⁺16]. **Appropriate** [ZRS⁺16]. **Approximate** [AKL18, CHLL16, CHL17, DDNT19, GVPS19, HXVF12, JHQL16, KBO⁺19, LHL13b, LHL15b, LQW⁺17, LCY⁺19, LJVV18, MHHS17, MHH⁺17, MHML15, NL16a, RSJR17, VALK19, WLG⁺19]. **Approximated** [BM11]. **Approximation** [JLLH19, KMM16, KLT16, LHPH15, LSX13, LJ15, MMH14, SG12, SG13, WEX14, XTF⁺12, XLL15, ZL11]. **Approximations** [SDP11]. **ApproxSSD** [ZWW19]. **Apps** [ZLW⁺17]. **Arb** [Joh17, RVL⁺14]. **Arbiter** [GSX⁺13, SMCN18]. **Arbitrary** [Bin15, BGPV10, FHR14, Joh17, Lef17]. **Arbitrary-Precision** [Joh17, Lef17]. **Arbitrary-State** [FHR14]. **Arbitrated** [GGA⁺17]. **Arbitration** [FJA⁺17]. **Architecting** [CLM⁺19, KASZ13]. **Architectural** [GLP⁺12, HNB⁺12, LR16, LGMP10, OKD⁺16, RM15a]. **Architectural-Level** [LR16]. **Architecture** [ADJ12, AYC16, AFC10, Ano10c, BSS14, BSS15, BBB⁺17, CWZC13, CYC⁺16, CLOL18, DCCK17, DEE17, DCY⁺13, DMK⁺15, DJO11, EKA17, EE10, FMTK19, FZL⁺14, FM16, FLP⁺13, GRM16, GM11, GDJZ18, GIKR19, HK16, HLY14, IRMM⁺16, JC12, JJZ⁺16, KAH18a, KC14, KK10, KBH⁺10, KKC15b, KH14, KAK18, KT12, LSC11, LCC10, LK15b, LR16, LS10a, LXW⁺19, LT15, LHCL13, LYS14, LYL⁺19, MWZ⁺17, MSK15, MKAY11, MS12, MKLW14, MC11, MH19, NKEM11, PGvdG14, PMH⁺14, QLR⁺11, RVL⁺14, ROGHNB⁺18, SSGB19, SNY⁺10, SWM⁺10, ST18b, SRHC12, Tho12, TWTT11, THGT13, VED⁺16, VB13, WTBT13, WLW⁺14, WLZ⁺15, WJY⁺17, WhCCC12, WZLS16, YyHL11, YP12, YMG15, YYC12, YLH13, YEG⁺15, ZL18, ZZJ⁺19, ZOK⁺19, ZM10]. **Architecture-Aware** [LSC11]. **Architecture-Based** [HLY14]. **Architecture-Centric** [DJO11]. **Architectures** [ARM16, AT16, ARM13, BLN⁺15, BBI⁺13, BMM11, BDE⁺11, BS10, CMO⁺16, CWF14, CHTD19, CCR⁺17, DPO17, DKLB15, ERRM16, GD17, GCD⁺11, GBO⁺16, HRM⁺16, HGEG11, JP13, LK10, LP17, LP12, LBN14, LR18, LW15, MGDc⁺18, MKRM12, NWA12, OWP16, OOD⁺17, PvdGG12, RMC⁺15, RMERM19, RKN⁺18, SLPB18, SLZX15, SL10, Yan14, YHT⁺16, ZYW⁺16, ZBK⁺17, ZBW17]. **Area** [ABH⁺13, BWV15, DCCK17, DJA11, FAK16, GKB⁺10, HC17, LSC11, LYOB15, LFH⁺16, SH12, VALK19, WF17, YXWL16]. **Area-Based** [LYOB15]. **Area-Efficient** [DJA11, FAK16, LFH⁺16]. **Area-Time** [ABH⁺13, DCCK17, GKB⁺10, HC17, LSC11]. **Areas** [YKK⁺15]. **Arithmetic** [AO12b, Ano11e, AHI12, BLB⁺19, BF19, BCS11, BdD19, CATB19, FMP19, FVV12, FM19, FML10, GKS14, HSA14, HMO⁺17, IDG⁺17, JLMP11, JCK15, Joh17, JMMP16, KMP11, LOC⁺16, LMB17, NST14, RMC⁺15, UHSA17, XMH13, ZCW18, ZAG19]. **Arithmetic-Based** [BLB⁺19]. **Arithmetical** [Kür12, MEBS17]. **ARM** [BBA19]. **Armed** [KTAvdS16]. **ARMOR** [GDJZ18]. **ARMv8** [SD18]. **ARMv8-A** [SD18]. **Array** [Gor14, LLOS13, NZC11, SBW⁺16, ZWW19]. **Arrays**

[ASS⁺18, CVGZ15, DSW⁺14, DRC14, JWH⁺15, LB13, SP12, VSC⁺19, WNCH17]. **Art** [LLK18]. **Ary** [FG10, HK13b]. **ASAP** [BEHL⁺19]. **ASIC** [MMP13]. **Aspects** [HWG⁺14, JSC10]. **ASSER** [YTD⁺17]. **Assertions** [VA11]. **Assessment** [CCD12, EYBK15, XWL⁺16b]. **Assigning** [MW13]. **Assignment** [CWZ13, HCH15, LXL⁺13, LDL⁺17, RCM⁺16]. **Assisted** [ADC11, ACGP13, CJSM17, JAS⁺15, LHL⁺15a, LYT⁺16, LLX⁺17, LLLJ13, LLKA19, RTL⁺18]. **Associated** [Ibr16, RGK15]. **Association** [GY14, SBH11]. **Associative** [DPS11, YMG15]. **Assume** [LH11]. **Assume-Guarantee** [LH11]. **Assumptions** [HMZ⁺14, SBM15]. **Asymmetric** [GGSPM18, HCY18, KH18, Li12a, LCLC19, RBK⁺12, YSZ⁺14, ZFJ⁺17]. **Asymmetry** [WBG19]. **Asynchronous** [AF14, CCL⁺13, HKWC14, KC13, LK18, OMFH14, RZPX19, YHML16, ZLJ⁺17, ZYY10, ZCR16]. **Atmosphere** [JSE14]. **Atmospheric** [XYF⁺15]. **Atomic** [WHL17]. **Atomicity** [LJL13, WHL17]. **ATP** [VECD13]. **Attack** [DP13, GDLL18, GV14, MLW12, MSS17, MSS⁺18, MMP13, PLZW14, SBM15, XJWW13, YWM19]. **Attacks** [AS14, BPBBL13, BK12, CKM15, CSS13, CTL⁺17, FRB⁺18, HIJ⁺19, KSN⁺15, KASZ13, LFJ⁺13, OGPK14, PDJ⁺19, RM15a, SKZS13, SEY14, SBMP18, TJH⁺15, TIHM18, YLY⁺15a, YZF⁺10, YGS15]. **Attestation** [MGdC⁺18, MBS⁺12]. **Attribute** [FHR14, RVH⁺16, SX12, WHZ⁺15, XHX⁺17, YLA⁺15, ZPM⁺15, ZHW15]. **Attribute-Based** [FHR14, RVH⁺16, WHZ⁺15, XHX⁺17, YLA⁺15, ZPM⁺15]. **Auctions** [ZJL⁺16, ZGWC15]. **Audio** [CJG16]. **Audio-on-Demand** [CJG16]. **Auditable** [HRK17]. **Auditing** [JCM16, LLXC16, LRY⁺15, WCW⁺13, WCH⁺15]. **Augmentation** [NRG15]. **Authentic** [HLT⁺15]. **Authenticated** [BDMLN16, HL10a, LCCJ13, YRT⁺16]. **Authentication** [CCW⁺10, CJ13, Har13, HBCC13, Kim15, KH10, LCLL15, MSKRJ17, SZDL14, ZHW⁺16]. **Auto** [ABSK15, YXWL16]. **Auto-Correction** [ABSK15]. **Auto-Focus** [YXWL16]. **Automata** [GO10, KKS14, LW13, MSK15, RSG⁺19, XXBL17]. **Automated** [CCD12, FM19, MSK15, SBMP18, XKT⁺15]. **Automatic** [BRN⁺15, BFP11, CLX14, CYA13, GJ14, GAFN15, Sri10]. **Automating** [MRW⁺15]. **Automaton** [LLL11]. **Automotive** [BCD⁺16]. **Autonomic** [VECD13]. **Autonomous** [JGHD11]. **Autotuning** [GVPS19]. **Availability** [CS15, WJF⁺11, WJM15, ZHM⁺19]. **Available** [Ano11g, Ano11h]. **Avoidance** [CCH⁺15a, RVH⁺16, WL13]. **Avoiding** [CRG⁺13]. **Aware** [AQPM15, ARS16, BLN⁺15, BMS11, CFL⁺18, CSPC12, CYCC11, CNJ14, CZP⁺16, CTD⁺16, CPL16, CPL17, CKD⁺17, CG18, CWTT13, CRJZ16, CGJ⁺10, DSKH15, FYSK14, FSPD16, FSPD17, FBWMM13, GVPS19, GKD⁺17, GGSPM18, GBA18a, GHL17, GBD⁺15, GCF⁺16, HRM⁺16, HMR⁺17, HWZ⁺12, HV12, HWS⁺17, HWSX17, HS18, HV13, HWZ⁺17, HLJ14, HLF14, IPS17, IS11, JSA17, JJK⁺11, JSC⁺17, JZLD10, JRJ⁺18, JWC12, KSS12, KLK18, KIJ14, KS14, KPS⁺17, KAH18b, KAH19, KSJ⁺12, KkC15a, KLC18, KCS⁺13, LKJ15, LSC11, LSC10, LY11, LMNP11, LSK13, LBN14, LKS⁺14, LK16a, LK16b, LSA18, LYJ⁺18, LWH⁺16, LCLC19, Man16, MMCS18, MOYB12, MWY⁺16, MKM14, OOD⁺17, PVKA14, PAC⁺12, PBT13, PBE17, QJM⁺10, QLH⁺16, RKZ16, SKPC15, SBP16, SJVR19, SRR⁺16, SKH16, SLC⁺15b, SZZ⁺19, SYK14, TFCY16, VCSG⁺19, WLK15, WJY⁺17, WZL⁺17, WWT⁺18, WBG19, WSXZ13, WFY⁺17, XJFT16,

XCF16, XWH14, XWL⁺16a, XLL⁺14].

Aware [XLJ16, YCLH16, YCW⁺19, YTM16, ZLBB19, ZJS14, ZDP⁺15, ZDYZ13, ZDYZ14, ZV14, ZYL15, ZWW19, ZHQX19, ZQQ11, ZMRQ11, khR⁺18, JYL⁺17].

Awareness [YHML16]. **Axiomatization** [AGCD16].

B [WLC⁺15]. **B&B** [BMT14]. **B-Tree**

[WLC⁺15]. **Back** [XSR15]. **Backbone** [ZWX12]. **Backlight** [LHH14a]. **Backoff** [KCRG14]. **Backup**

[BR13, LXJD15, MYW11, ZFJ⁺17].

Backward

[JRW⁺14, LLL11, LLW⁺18, SKZS13]. **Bag**

[BMP⁺10, HV13]. **Bag-of-Tasks**

[BMP⁺10, HV13]. **BAGC** [LSK13].

Balance [HHW⁺18]. **Balanced**

[LBS15, ZWYY15, ZCY⁺16]. **Balancing**

[AO12a, ADOKM10, BR13, CHC⁺15, HC13b, JR17, KRP18, PBL16, QJM⁺10, RKZ16, SMTK12, SLS⁺12, Tse12, XAYL15, ZV14].

Bandits [KTAvdS16]. **Bandwidth**

[CLM⁺19, FSPD16, JPLP13, LKH16, LYS14, NH10, VC10, YYW⁺16, YCCWC15, YYP⁺16, ZRS⁺16, ZGWC15].

Bandwidth-Aware [FSPD16]. **Bank**

[SJC⁺17a]. **Bank-Group** [SJC⁺17a].

Banked [vdBGLGL⁺16]. **Bare**

[QPG10, YXZZ14]. **Bare-Metal** [YXZZ14].

Barrett [KVV10]. **Barrier**

[WCLY16, Zot10]. **Base** [Wal19]. **Based**

[AMR18, AF14, AK15, ABSK15, AKL14, AT16, AHNT16, ADC11, AKTB18, AS16, BLB⁺19, BBA19, BDM⁺19, BWV15, BGMR13, BMS11, BF19, BBB⁺17, BBH12, BDL⁺13, CCM14, CCK10, CHN14, CMLS15, CJSM17, Cha10b, CK11, CHH⁺13, CKKS14, CHC⁺15, CCE⁺18, CKM15, CMRH17, CHCK12, CHLT14, CCC15, CSW⁺15, CYC⁺16, CLOL18, CGL⁺18, CLCS19, CC11, CYHL14, CYA13, CAGM14, CTS13, CYL⁺14, CND⁺18, CH14, CWCS15, DYW15, DYHX16, DP13, DCK17,

DCK18, DYJ19, DCM16, DA12, DPS11, DJA11, DZ10, DHC⁺16, DRS⁺16, DW10, DKK16, DDNT19, EDL⁺14, EKA17, EYBK15, EGVFC⁺12, EFGT18, EFPC16, FMTK19, FHH10, FHR14, FAK16, FEM⁺18, FBR⁺12, FGS⁺13, FHW18, GT19, GRM16, GDLL18, GEN⁺17, GBA18a, GV14, GP14, GNTS13, GTRMG18, GBF⁺19, GCR⁺19, GWZ⁺10, GLP15, GBGI18, GABK11, HTH15, HWZ⁺12, HSM14, HF15, HMZ⁺14].

Based

[HIJ⁺19, HL10a, HMNN12, HSA14, HKR⁺18, HLY14, HCSW15, HQLX15, Ima18, JPG10, JDA⁺16, JC12, JGG⁺14, JSH⁺17, JPLP13, JKD⁺19, KAH18a, KTAvdS16, KM11, KSN⁺15, KP15, KKK17, KN11a, KN13, KVV10, KASZ13, KAK18, KL13, LBSK17, LRC10, LYOB15, LP12, LMC⁺15, LSK13, LLCH13, LK16a, LRP16, LW17, LRP⁺18, LTL14, LOX⁺13, LS13, LLL15, LLC⁺15, LLZ⁺17, LSG⁺18, LCwW10, LBWH11, LP13b, LPW10, LKLT12, LCH13, LHH14a, LFJ⁺13, LTW⁺12, LHYZ13, LCCJ13, LRY⁺15, LLW⁺17, LZZ⁺17b, LMB17, LYJ⁺18, LLD19, LJ15, LZS⁺13, LLHC15, LSG⁺15, LSGZ16, LB15b, LSXP14, LGF⁺15, MLW12, MGdC⁺18, MSPK12, MM16, MMCS18, MFT⁺17, MTFK19, MFG16, MMAC19, MLE14, MB16, MSKRJ17, ML16, MH19, NZLK14, OCK17, OGH⁺14, OWP16, OKD⁺16, PN16, PCHS17, PCHS18, PAP13, PTD⁺12, PB11, Pom12d, Pom15a, Pom16a, PROM15, PMH⁺14, PdG13, RVL⁺14, RVH⁺16, RZZ⁺15, RKR15, RTRM19, RZPX19]. **Based**

[RBMO11, RC14, ROGHNB⁺18, RM15c, RJV⁺18, SMP16, SMCN18, SKEB18, SBB18, SC18, SBP16, SDP⁺12, SCZ⁺16, SX12, SLC15a, SZG⁺18, SL10, SKM14, SNM16, SKM⁺13, STK16, SBMP18, TJH⁺15, TB15, TWTT11, TIHM18, THM⁺14, TGNSC11, TAM⁺16, TKT16, USP⁺13, VCSG⁺19, VSF⁺17, WF12, WL13, WXW⁺14, WLC⁺15, WHZ⁺15, WWY⁺16, WW16,

WTZ⁺19, WCL⁺18, WLM15, WW14, WZCG16, WLS18, WLG⁺19, WZW⁺19, XAYL15, XJFH15, XCF16, XMH13, XLX⁺14, XKT⁺15, XJW⁺16, XHX⁺17, YLGE14, YW12, Yan14, YLGD19, YSZ⁺14, YTD⁺17, YYC12, YLH13, YLA⁺15, Yun12, ZSP⁺19, ZZ17, ZPM⁺15, ZLY15, ZOK⁺19, ZC13, ZM10, ZHW15, ZYY18, ZXX⁺14, ZCYX15, ZLYS15, JJZ⁺16].

Based-Encryption [ZHW15]. **BasedX** [KCY18]. **Bases** [ABH⁺13, ARM13, ERM16, MH15]. **Basic** [APP12]. **Basin** [AH10, CLL⁺14, CCR⁺17, DJA14, ERM16, Fan16, Gio12, HF15, KEK16, LLCH13, NWA11, NWA12, RM15b, RMERM19]. **Bayesian** [WP16]. **BC** [YL14, ZWC13]. **BCD** [CDL⁺17, VAB14]. **BDDs** [FLS16]. **Be** [HLC⁺19, LOC⁺16]. **Beaconless** [RS13]. **Beginning** [Ano10f]. **Behavior** [DEE17, QQW⁺17, SB10, SIB13]. **Behavioral** [SBH11]. **Belief** [ACGP13]. **Belief-Propagation-Assisted** [ACGP13]. **Belt** [WXLL13, WXLY15, WCLY16, XLW14]. **Benchmark** [DSKH15]. **Benchmarking** [YLY15b]. **Berlekamp** [Red14]. **Bernstein** [MRD19]. **Best** [RMB⁺13]. **Better** [FP19, ZZL14]. **Between** [ADJG19, LK18, ADOKM10, BLMM16, CT13, GHK15, HXL11, LYL⁺19, PR10, RWZZ14, SCJ⁺16b]. **Beyond** [BK12, CA12a, IPS17]. **Bi** [ML18]. **Bi-Objective** [ML18]. **Bias** [LVMS18]. **Bias-Variance** [LVMS18]. **Biased** [SMK⁺16, USH19]. **Bidirectional** [ZHM14]. **BiFI** [SBMP18]. **Big** [CLOL18, GZG⁺16, JYL⁺17, KTAvdS16, KLC18, KRP18, KYZC19, LRY⁺15, MSG14, UMN18, WNCH17, ZDP⁺15, ZYC16]. **Big-Data** [KTAvdS16]. **Bin** [SXCL14]. **Binary** [ADI11, APP12, AK14, BNP10, BT16, BZ14, BLMM16, CNH13, CHN14, CJSM17, CLC⁺16, FP19, FNS16, GNTS13, GBF⁺19, HRM11, HN11, HMNN12, Ima18, JDA15, LCY⁺19, MBF18, NL15a, TGNSC11, WF17]. **Binary-Ternary** [ADI11, BT16]. **Binary-to-Decimal** [BZ14]. **Binary/Decimal** [WF17]. **Binary128** [HMS⁺12]. **Binary64** [Nan16]. **Binning** [GKC19, OPV⁺17]. **Bio** [PBL16]. **Bio-Inspired** [PBL16]. **BioAura** [MSKRJ17]. **Bioinformatics** [WZZ10]. **Biological** [BCM10, SKPK10]. **Biology** [LSZ⁺15]. **Biology-Inspired** [LSZ⁺15]. **Biomass** [CKN14]. **Biomedical** [BBB⁺17]. **Biophysically** [ZMR⁺13]. **BIRDS** [YXZZ14]. **Bisection** [LZ14]. **Bistatic** [WCLY16]. **Bit** [ARM16, CCH⁺15a, CK15, Fan16, GRM16, GV14, GM12, Ima18, Jes15, LAAM11, LLQ⁺14, PCZB11, RLRL19, SKZS13, SMK⁺16, WNKL16, YFJ⁺14, YUGD14, Zot10]. **Bit-Level** [ARM16]. **Bit-Parallel** [Fan16, Ima18]. **Bit-Slice** [Zot10]. **Bit-Stuffing** [CCH⁺15a]. **Bit-Width** [CK15, LAAM11]. **Bits** [FKMK16, NL18, NM10, RXC⁺15]. **Bitstream** [SBMP18]. **Bivariate** [JKMR11]. **Blackbox** [TIHM18]. **BLAKE** [GV14]. **BLAKE-512-Based** [GV14]. **Block** [BFMT16, CHN14, CQW⁺15, CCY⁺16, GWM⁺17, HMNN12, JC12, JW16, KKJH19, LK15a, LYK19, PCHS17, PDJ⁺19, SNY⁺10, SZG⁺18, TMS⁺14, TCYH15, WLC⁺15, WZK⁺19, WLG⁺19, YSZ⁺14]. **Block-Based** [WLC⁺15, WLG⁺19, YSZ⁺14]. **Block-Level** [CQW⁺15, GWM⁺17]. **Block-Mapped** [SNY⁺10]. **Block-Precise** [LK15a]. **Blocking** [DVUS14, HWE⁺16, SRR⁺16]. **Blocks** [CRG⁺13, MCM16, RPM16, SKM⁺13]. **Bloom** [ADC11, HXVF12, LLLP14, ML16, PO13, QZC15, SMRML17, YM11]. **Blue** [WGW⁺15]. **Bluetooth** [HWK15]. **Board** [Zom12a]. **Boards** [BC16]. **Boolean** [BCTV15, BCTV19, FD16, GBA18a, TSA⁺19, ZYHZ16]. **Boost** [CVPS19, LKK⁺19, SSW12]. **Boosted**

[LDP10]. **Boosting** [CCL⁺18, KAH18b, ZLLX15, khR⁺18]. **Booth** [JHQL16, LQW⁺17, VALK19]. **Booting** [Cha14]. **Borrowing** [CCAM14]. **Both** [LXW⁺19, WHC⁺15b, ZHM⁺19]. **Bound** [BMT14, Bin15, Fuj11, WLZ10]. **Boundary** [LKLT12]. **Boundary-Recognition-Free** [LKLT12]. **Bounded** [CCK10, HRK17, SC18, XXBL17, XLW14, ZY12]. **Bounding** [Fuj11]. **Bounds** [FJA⁺17, FS10, HCCG10, ISC15, MRD19, RMB⁺13, ST18a, Tse12, TKL⁺14, YLH10]. **Box** [BTBB14, MKRM11, SWF⁺19]. **Boxes** [MM17, ST18a]. **BPR** [YKK⁺15]. **Branch** [BMT14, DEE17, Fuj11]. **Branch-and-Bound** [Fuj11]. **Branching** [STR15]. **Breakpoint** [MSPK12]. **Breakthrough** [CVGZ15]. **Bridging** [FD16, TLL12]. **Brief** [Liu11]. **Broadcast** [BS14, GYC⁺16, KDEV19, KH10, LTP⁺14, LWF13, PSM17, QSYS16, WXS12, WQZ⁺16, XJW⁺16, ZGY13, ZHW15]. **Broadcasting** [KS10a, YMTV14]. **Broadcasts** [LK15a]. **Broadside** [Pom12c, Pom12b, Pom13a, Pom13b, Pom14, Pom15a, Pom16a]. **Brokerage** [CWTT13, LKLT12]. **Bruijn** [MG16, YMAG17]. **BRW** [CMLRHS13]. **BSM** [YMTV14]. **BTI** [GBA18a]. **BTI-Induced** [GBA18a]. **Bubble** [MWLJ15, WSL⁺18]. **Buddy** [PCLN15]. **Budget** [AF14]. **Budgeting** [PKC⁺17, WZM⁺16, WSL⁺18, WTZ⁺19, ZR15a]. **Buffer** [Ano13f, CLZ19, LSK13, LKLM15, LKBS16, MBD11, MD13, MBGS10, OGH⁺14, PPND17, WW16, OGH⁺14]. **Buffer-Aware** [LSK13]. **Bufferless** [KC14, ZGY14]. **Buffers** [CVMA10, DKLB15, HGCT13]. **Bugs** [FM19, ZYW⁺16]. **Build** [PDXZ13, WSXZ13]. **Building** [AHNT16, AVS⁺14, LFH⁺16, LZZ⁺17b, SWZG15, TMS⁺14]. **Building-Block** [TMS⁺14]. **Buildings** [WZY16]. **Built** [AK16, LLW⁺17, Pom14]. **Built-In** [AK16, Pom14]. **Built-Off** [LLW⁺17]. **Bulk** [SBI12, YZH⁺15, ZWD⁺16]. **Bullet** [Ano10g]. **Burst** [HXVQ15, NL15b, NL16a, RV13, ASE17]. **Burstiness** [CMS10]. **Bus** [CYA13, EE17, HHLK12, RVL⁺14]. **Bus-Based** [CYA13]. **Buses** [BPC12, ST12]. **Buy** [SBI12]. **Buy-at-Bulk** [SBI12]. **BWLOCK** [YAGB17]. **By-Passing** [YKK⁺15]. **Bypass** [KRP18, MMB14]. **Bypassing** [PSND16, SZL⁺16]. **Byte** [CCC⁺18, RV13, SBB18]. **Byte-addressable** [CCC⁺18]. **Byzantine** [DCK16, KDEV19, LLKA19, VCB⁺13]. **Byzantine-Resilient** [KDEV19]. **ByzCast** [KDEV19].

C [CZS⁺19, KLJ⁺14, MF14, RWC18]. **C-Lock** [KLJ⁺14]. **C1G2** [SDZ15]. **CA** [SBB18]. **CA-Based** [SBB18]. **CABA** [MSKRJ17]. **CABE** [XHX⁺17]. **CACC** [CWX⁺14]. **Cache** [AK19, AYC16, ACW⁺11, AGFM11, ADC11, BLN⁺15, CVPS19, CWX⁺14, CDQB15, CYCC11, CA12b, CKD⁺17, CLCS19, DPS11, DW10, EF12, FSGAB⁺16, GKD⁺17, GGFP15, HHM11, HK16, HK17, HK15b, HZX⁺14, IPS17, JAKD18, JSC⁺19, JZLD10, JKY10, KIJ14, KSEG15, KS14, KLK17, KCL19, KASZ13, KKC15b, KAQC14, KA19, LYH11, LKJ15, LK15b, LWKA15, LKLM15, LKBS16, LHL⁺15a, LZZ16, LCLC19, MWLJ15, MHK15, MAD14, MMAC19, OOD⁺17, PBV11, PCZB11, RM15a, RCFP⁺12, RXC⁺15, SV18, SZZ⁺19, SYK14, SZL⁺16, TAH⁺16, VKS⁺16, VYEB17, WMW12, WLT⁺16, YMG15, ZGR13, ZDYZ13, ZDYZ14, KMC17]. **Cache-Aware** [IPS17]. **Cache-Based** [DW10, KASZ13, MMAC19]. **Cache-Coherent** [MWLJ15]. **Cache-Enabled** [LZZ16]. **Caches** [AVG⁺15, CXLL16, CFMA19, CRG⁺13, FKMK16, HWZ⁺17, KIJ14, LLX⁺17, MD16,

MUMB11, VPS⁺12, VSLD15, ZJS14].
Caching [CDQB15, HK15b, KJL11, KRP18, LOH17, MCC12]. **CaCo** [ZWW⁺16]. **CAIF** [SDP⁺15]. **Calculating** [WLG⁺19].
Calculation [GPN11, SV18]. **Calibration** [DAPS14]. **Call** [Ano10c, Ano11c, Ano11d, Ano11e, Ano11f, Ano13d, CH14]. **CAM** [FAK16]. **Camera** [YASS14]. **Can** [HLC⁺19, YGS15]. **Candidate** [Pom16b].
Capabilities [WJX⁺19]. **Capability** [ABSK15]. **Capable** [LYH11]. **Capacitance** [FM16]. **Capacitated** [LSX13]. **Capacitive** [YEY⁺16]. **Capacitor** [CLZ19].
Capacitor-Powered [CLZ19]. **Capacity** [CMS10, LK14, NZLK14, OP15, PDXZ13, SRCbL⁺15, WJL⁺12, WJL⁺14, WLYY16, XHLW19, YCKH16, ZJS14].
Capacity-Based [NZLK14].
Capacity-Independent [YCKH16].
Capital [ZMW15]. **Cards** [AVS⁺14]. **Carlo** [KN13, ZOD13]. **Carry** [DHM16, KT19, Lee17]. **Carry-In** [Lee17].
Carry-Save [DHM16]. **Cascaded** [CHC⁺15, JWC12]. **Cascading** [HWSN15].
Case [AR17, BBK10, CCLH10, DZ10, FS10, HHC⁺18, RCRK13, SD14, UVG16, VIDH19, WZLX12, WJL⁺14, WRW16]. **Categorical** [PZZQ19]. **Cauchy** [CJK15, ZWW⁺16].
Caused [HWK15]. **Cayley** [LGF⁺15]. **CC** [RBG⁺19]. **CCA2** [GV14]. **CCLS** [LCW⁺15]. **CD** [ZMW⁺19]. **CD-Xbar** [ZMW⁺19]. **CDP** [YCL⁺12]. **CDT** [AMR18]. **CDT-Based** [AMR18]. **CEDA** [VA11]. **Cell** [ALBP14, ASS⁺18, KO14, NL19, ST16, WZL⁺17, ZZX⁺15]. **Cells** [ACM⁺16, CJK19, Li12a, PRM19]. **Cellular** [KKS14, MSK15, YZH⁺15]. **Center** [GWMB13, GY15a, GY15b, HLJ14, JRS⁺15, LXL⁺14, LW15, LSHC15, SLZX15, ZWH⁺15, ZMW15]. **Centers** [AQPMS15, CLS14, CPL17, GZB⁺15, GZG⁺16, GCL⁺13, JSE14, LGF⁺15, Man16, PAP13, SMTK12, SHH⁺16, WJM15, XLF15, YHT⁺16, ZR15a].
Centralized [AD12]. **Centralizing** [HPR16]. **Centric** [BQP⁺16, DJO11, HWX15, LOH17, SLC⁺15b, WZZ10, WLT⁺16, YPB⁺16].
Certification [Ano10d, Ano10e]. **Certified** [LB15b, MRD19]. **Certifying** [dDLM11].
CGRAs [JDA⁺16]. **Chain** [KCY18, MTFK19, QZL⁺16, TLL12, ZOD13].
Chained [IRMM⁺16]. **Chains** [JDA15].
Challenges [Jun16]. **Change** [DY14, JSC⁺19, LYB15, LKK⁺19, NL19, PLM16, PP11, QML⁺15, WSXZ13, ZZYZ14].
Channel [Bar16, BMZ17, BK12, CWZ13, CSS13, CYC11, CATB19, DP13, DKLb15, GYC⁺16, HMZ⁺14, HLY14, KASZ13, LGH15, LWY15, LFJ⁺13, LLW⁺17, LJL13, NDC⁺13, RBG⁺19, SKZS13, SMB⁺15, STE17, SPTC15, WJL⁺12, XWL⁺16a, YMTV14, ZMB18]. **Channel-Based** [LLW⁺17]. **Channel-Diverse** [LWY15].
Channel-Hopping [LWY15]. **Channels** [AP14, Cao12, KW14, LMB⁺16]. **Character** [LPCW14]. **Character-Set** [LPCW14].
Characterising [HT16]. **Characteristic** [AK16, BDE⁺11, LSG⁺18, NR15].
Characteristics [HMZ⁺14, LHL15b, VED⁺16].
Characterization [DGC⁺15, HWSN15, SKC⁺14, TAH⁺16, ZLH⁺15].
Characterizing [DEE17, IS14, LLLJ13].
Charge [CCL⁺18, NL15a]. **Charging** [ZWL15]. **Chasing** [LKLM15]. **Chebyshev** [PCHS14, ACO12, Gio12, LCwW10, LPW10].
Checking [CYHC14, FLS16, GCLC11, HSH⁺10, HMC11, LYY16, LH12b, NS13, SP10, Sri10, WNCH17, XXBL17, ZYY10, ZZM⁺15, CTS13]. **Checkpoint** [BTW13, KwPK⁺15, LL11, LSA⁺17].
Checkpoint/Restart [LL11].
Checkpointing [BCL⁺17, ECJ⁺16, HC13a, HCC⁺18, JT15, LXDV17, SD13, ZYL15].
Checkpointing/Restart [ZYL15]. **Checks** [GBGI18]. **Checksums** [NC11, Red18].
CHERI [WJX⁺19]. **Chief** [Lou19, Mon15a, Mon19]. **Chinese** [Fan16].

Chip [ABB17, Ano11d, Ano11f, ARS16, BKH⁺13, BPT10, CKKS14, CHC⁺15, CCE⁺18, CNJ14, CDK⁺18, CRK10, DMXY14, DAS14, DKL15, DKG13, EDL⁺14, EYBK15, FBWMM13, FTP13, GCD⁺11, GC14, HMD⁺17, HJBM14, HCSW15, HWE⁺16, JKY10, JJZ⁺16, JWC12, JRC14, KC14, KSEG15, KK10, KLC⁺14, KGGJ14, KLC⁺16, KKY⁺16, KCL⁺16, KH14, LKS⁺14, LMJ14, LLX⁺17, LYJ⁺18, LKMSA16, MWW14, MNFA14, MMCS18, MKAY11, MD13, MKLW14, NVB16, OHCK17, PVKA14, PSND16, RMB⁺13, RVC⁺15, RRS⁺16, RKZ16, SKPK10, SDE⁺17, SRR⁺16, SIVH16, SMN⁺17, SC11, ST17, ST18b, STK16, VYEB18, VCG⁺12, WMW12, WXW⁺14, WWM16, WZM⁺16, WWT⁺18, WEH⁺19, WZCG16, WLS18, XCF16, YMK⁺17, YYC12, ZNL18, ZGY13, ZCY⁺16, ZMS13].

Chip-Level [KLC⁺16].

Chip-Multiprocessor [KGGJ14].

Chip-Multiprocessors [FBWMM13, LMJ14].

Chips [BMM11, TW10, YCK16, YLGD19].

Chunking [WLM15, ZFJ⁺17].

CICQ [JPLP13].

Cipher [BFMT16, CMLS15, GCS⁺13, HZ11, LYK19, ZAG19].

Ciphers [KE19, PDJ⁺19].

Ciphertext [ZHW15].

Ciphertext-Policy [ZHW15].

Ciphertexts [WQZ⁺16].

Circuit [CSS13, CCAM14, FNS16, JLLH19, LJ15, MCT19, NCD⁺17, NZ15, PSL17, RMKR12, YUGD14].

Circuits [AO12b, BCTV15, CL10, CPRH16, DSR15, FM19, FP19, FFL18, GM15, GM12, ISC15, KMM16, LB15a, LHL13a, MVB10, MBF18, NLRB17, NI11, SRCK10, UHSA17, WMG18].

Circulant [IRMM⁺16].

Circulants [KP13].

Circular [HK15b].

City [DHC⁺16, LDMQ16, WHBR16].

Clairvoyant [ZQZ⁺19].

ClamAV [OWP16].

Class [RLRL19].

Classes [ZYHZ16].

Classification [BBH12, CXZ13, CW15, CW16, LMJ14, OPZ15, SDP⁺15, ST11b, WP16, YFJ⁺14].

Classified [HY12].

Classifier [YM11].

Classifiers [BMS12, BSS14, BSS15, KGV16].

Cleancache [VTW16].

Client [BSM⁺14, MAG⁺17].

Client-Side [MAG⁺17].

Client/Server [BSM⁺14].

Clients [GY14].

Clifford [FGS⁺13, KMM16].

CLIM [JRJ⁺18].

Clock [KAH18a, MOMT12, NL14, PPND17, Yam10, CXLL16, LBN14].

CLOCK-DWF [LBN14].

Clocking [NLRB17].

Clockless [BDDL18].

Clos [KC14, HMD⁺17].

Closed [KGC14].

Closed-Loop [KGC14].

Closer [Jun16].

Cloud [BDL⁺13, CLX14, CHLT14, CXYC16, CLW16b, DKW15, EFPC16, FLL14, GSG⁺15, HLJ14, HLF14, JSE14, JCM16, KKJH19, LLC⁺15, LYY16, LLXC16, LHH14a, LSL15, LRY⁺15, LLS⁺16, MSG14, Man16, MJWT16, MLOL15, ML13, PLP⁺13, PSM17, PR14, QML⁺15, RSNK17, SXCL14, SZW⁺16, SHH⁺16, TLH⁺16, VP14, WCW⁺13, WCH⁺15, WLK15, WRW16, XL16, XLL⁺14, XJW⁺16, XLJ16, YCCJ15, YCLH16, YTD⁺17, YLY15b, YLA⁺15, ZDP⁺15, ZLY15, ZWW⁺16, ZJL⁺16, ZYC16, ZLX⁺16, ZL16, ZL18, ZWC⁺18, ZGWC15, ZLYS15, Avr13, CSPC12].

Cloud-Based [LHH14a].

Cloud-of-Clouds [CHLT14].

CloudGenius [MRW⁺15].

Cloudlets [RSN⁺18].

CloudMon [WLLZ16].

Clouds [ALZ16, CLS14, CHLT14, GHL17, JT15, MNGV16, MRW⁺15, VP14, WBZ⁺15, WZL15, WLLZ16, ZCYX15].

CLU [ZJS14].

Cluster [LTVL15, QWB⁺13, WZK⁺19, YZHX12].

Clustered [AD12, BPG16, GSL10, USP⁺13, Yan14].

ClusterFetch [RLSK18].

Clustering [LCL15, PZZQ19, RD18, SH12].

Clusterized [GBO⁺16].

Clusters [ALZ16, CLOL18, DMK⁺15, HV14b, HQLX15, LZ15, ML18, MRW⁺15, QJM⁺10,

ZQQ11, ZMRQ11]. **CMOL** [ALW11]. **CMOS** [DCY⁺13, PN16, SB16, SRCK10, WWY⁺16, ZCW18]. **CMOS-Compatible** [DCY⁺13]. **CMOS-Type** [ZCW18]. **CMP** [IB10, WSZ⁺16]. **CMPs** [BGM⁺13, FAA10, GFAM11, JAKD18]. **CNN** [LJG⁺19]. **cNV** [WWY⁺16]. **Co** [CI16, LH16, LDL⁺17, MBD⁺17, MRL⁺18, MAHD18, SPTC15, ZJS14]. **Co-Channel** [SPTC15]. **Co-Design** [LH16, MRL⁺18]. **Co-Optimizing** [ZJS14]. **Co-Scheduling** [LDL⁺17, MBD⁺17, MAHD18]. **Co-Transformation** [CI16]. **Coalescing** [WZK⁺19]. **Coarse** [JLKR19]. **Coarse-Grained** [JLKR19]. **Code** [ADJG19, AFH⁺10, BKH⁺13, CJ12, DLC⁺13, EKJ⁺10, FKMK16, FSL⁺17, HT12, KSN⁺15, NL18, OGP14, PLM16, SWWC11, VGF16, XLX⁺14, YLP15, ZXX⁺14]. **Codec** [SBB18]. **Coded** [HQLX15, LS10a, TYY⁺16, ZLLX15]. **Codes** [ABA07, CDL⁺17, DRM16, EBE13, HHKW12, HC17, HBAD14, Jha13, KW14, KLLK11, LSXP14, MNK11, NL15a, NL15b, NL16a, NL16b, PROM15, RV13, Red14, Red19, RLRL19, SEY14, TW10, VAB14, YCW11, YW12]. **Codesign** [PvdGG12, PGvdG14]. **Coding** [BBH12, CHLT14, CXYC16, CJ13, LCLL15, LLL15, LLZ⁺17, NL19, SSKL16, SRK⁺17, SZG⁺18, TYY⁺16, YY14, YCK10, ZWW⁺16, Kim15]. **Coding-Based** [LLZ⁺17]. **Coefficient** [ADJG19]. **Coexistence** [AVG⁺15, HWK15]. **Coflow** [ZWL⁺19]. **Cognitive** [BBVL14, YCCWC15]. **Cognizant** [KMJ⁺11]. **Coherence** [AVG⁺15, ADC11, FBWMM13, GGFPG15, KSEG15, LHH17, RCFP⁺12, ST17, VYEB17, YRG13]. **Coherent** [MWLJ15]. **Cold** [LXJD15]. **Collaborative** [ZWL15, ZLYS15]. **Collapsing** [PR10]. **Collection** [CW10, DSW⁺14, LSK13, LWW11, LDMQ16, LTW⁺12, RLX15, UMN18]. **Collections** [CYJ⁺10]. **Collective** [HWS⁺17]. **Collectors** [ZMY11]. **Collision** [BK12, CWZ13, MMP13]. **Collocated** [HWK15]. **Collusion** [LSS13, RVH⁺16]. **Colony** [HCSW15]. **Column** [LW17, LXW⁺19]. **Column-Based** [LW17]. **Combat** [LSS13]. **Combined** [BK12, Jes15, PDJ⁺19, SMRM17, WF17, WE12]. **Combining** [SLL15]. **COMeT** [RCC14]. **Command** [GCAG16]. **Comment** [GJ15, LCLL15, SCNS10, Tho12]. **Comments** [HWG⁺14, Jha13, Kim15, Lee12, PCHS14, PCHS16, RM15b, ZM10]. **Commercial** [NY15, NYHB16]. **Commit** [HPR16, JLKR19]. **Commits** [HPR16]. **Commodity** [CJA⁺16, RTL⁺18]. **Common** [Pom12c]. **Communication** [AKTB18, BR13, BS16, CCM14, CWF14, CCW⁺10, CDK⁺18, DYHX16, GZG⁺16, HXL11, KW14, KGP15, LHH14b, MTFK19, MAHD18, QJM⁺10, RS13, SXLC15, SMN⁺17, VECD13, VYEB17, WLQS13, XWL⁺16a, YMT13, ZHW⁺16]. **Communication-Aware** [QJM⁺10]. **Communications** [CWY13, LGH15, LT15, SSKL16]. **Community** [FLJ14, LGB⁺17, XAYL15, XWH14]. **Community-Aware** [XWH14]. **Community-Based** [XAYL15]. **Compact** [CCC15, CJK15, OMFH14, SBB18, SVAB14, YP12]. **Compaction** [Pom12d, Pom15c, RPM16]. **Comparable** [WHZ⁺15, XHX⁺17]. **Comparative** [AE11, HMA⁺10]. **Comparing** [Hie13]. **Comparison** [BLMM16, CCH15b, CCLH10, HK13b, Li12a, PTD⁺12, YLL16]. **Comparisons** [CGT⁺15]. **Compatibility** [LTP⁺14]. **Compatible** [DCY⁺13, WWY⁺16]. **Competes** [CI16]. **Competition** [FLL14]. **Competitive** [MFG16, MFG14]. **Compilation** [LK10]. **Compiler** [LHL⁺15a, MB12a, OKC13]. **Compiler-Assisted** [LHL⁺15a].

Compiler-Directed [OKC13].
Complement [LAAM11].
Complementary [Bai17]. **Complete** [AGCD16, BS14, BJ12]. **Completely** [LLM⁺15]. **Completeness** [KLT16, SP10].
Complex [AC11, BC16, PRBM13, SZW⁺16, WE12, WEX14, XLS⁺12]. **Complexity** [AH10, AO12b, ADOKM10, ARM13, BNP10, BTW13, CHN14, GNSR14, HN11, HMNN12, JCK15, KCRG14, LWW11, OPAGS14, PCHS17, PCHS18, PRBM13, PSL17, WTY⁺14, WS10, ZM10].
Complexity-Effective [KCRG14].
Component [CH11, CH13, FEM⁺18].
Component-Composition [CH11, CH13].
Components [FS10, MF14].
Composability [GRL⁺14]. **Composing** [LTLC12]. **Composite** [DKW15, LPD⁺16, MKRM11, ZL19, ZM10].
Composited [MG16, YMAG17].
Composition [AK15, CT13, CH11, CH13, LH12a, LSSE15, SKPC15, SMCN18].
Compositional [VYEB18, ZZM⁺15].
Compound [SX12]. **Comprehensive** [BGPV10, DZLP14, TAH⁺16]. **Compressed** [BLN⁺15, LKK⁺17, LVJ16, ST17, WJX⁺19].
Compressing [PBV11]. **Compression** [AKL18, DN11, DY12, Ged14, HL10b, JSA17, KO14, KWC⁺16, KN11b, LYH11, LKK⁺17, XDZ11, ZSP⁺19, ZLW⁺17, ZWL⁺19, dRV12].
Compression-Induced [KWC⁺16].
Compressor [KK18]. **Compressors** [MHML15]. **Computable** [LGH⁺17].
Computation [ARM15, AK16, ARH14, AAR19, AH10, BG12, BBVL14, CLW⁺16a, CCR⁺17, CND⁺18, CATB19, DNSS11, GRM16, HSH⁺10, HXL11, HC17, HLF14, KW14, KLLM12, LAAM11, LLQ⁺14, LQD⁺16, LJ13, LJVJ18, MTFK19, MAHD18, Pom12c, QLR⁺11, RS17, Rus13, TX16, TM18, THGT13, WRW16, XP10, XYHD17, YZHX12, YCCJ15, YLGD19, ZYC16].
Computational [BR13, CC16, CFW14, DFP⁺13, FTP13, HCL⁺14, HMZ⁺14, KN11a, LLW⁺18, MOS14, RMC⁺15, SH12].
Computations [HTA17, KHPP16, RT14, WL13]. **Compute** [DS14, WGR⁺14]. **Compute-Intensive** [WGR⁺14]. **Computer** [Ano10c, Ano10d, Ano10e, Ano10b, Ano11e, AHI12, BCS11, BdD19, GM11, HMO⁺17, LNCX18, MFT⁺17, MOS14, NST14, NVB16, SLPB18, TJH⁺15, TSK16, Yam10, YMG15].
Computers [Ano11g, Ano11h, BD15, CGT⁺15, CG18, Li12b, Liu11, Ano15a, Ano16a, Ano17a, BKP16, Ano18a, Ano19a, CHTD19, DPO17].
Computing [AKL18, AXS⁺10, Ano11c, AISA16, BDDL18, CLX14, CHL17, CLOL18, CAGM14, DPO17, EM12, FMTK19, FJA⁺17, GVPS19, HV16, HLA⁺17, IBH⁺13, JAJK15, JKMR11, KFB⁺15, KYZC19, LT14, LXJD15, LLC⁺15, LZZ16, LQW⁺17, LMT13, MSG14, MGdC⁺18, MFT⁺17, MSC12, MLOL15, MCXZ18, PDXZ13, PLP⁺13, PR14, QWB⁺13, RMB⁺13, RSNK17, RSN⁺18, RM15c, RD18, SMTK12, SDMM12, SYD18, SG12, SG13, SCSL12, TLH⁺16, VIDH19, WCH⁺15, WHBR16, WRW16, XTF⁺12, YLA⁺15, ZGG⁺16, ZYHZ16, ZJL⁺16, ZLX⁺16, ZOK⁺19, ZV14, ZLYS15, Ano13d, Ano13c, DPO17].
Concatenation [Pom12a]. **Concentrate** [WJX⁺19]. **Concentrators** [RO11].
Concept [ZZ19]. **Concertina** [FSGAB⁺16].
Concise [LJG⁺19]. **Concrete** [BS14].
Concurrency [RWC18, ZYW⁺16].
Concurrent [BMP⁺10, BPC12, CT13, GRM16, GSX⁺13, GTRMG18, HRM11, KMJ⁺11, KT19, LLL15, MLW12, MKFM13, MG11a, MKRM10, MKRM11, PWTS16, PRBM13, XYHD17, ZYW⁺16, ZCL⁺16, ZZM⁺15].
Condition [YSL16]. **Conditional** [CCH15b, DCCK18, HFZ13, HBCC13, HK13b, HTC13, LH12a, LKT13, MBB⁺17, MY10, XJW⁺16, ZGW14].

Conditional-Diagnosis [CCH15b]. **Conditional-Fault** [LKT13]. **Conditions** [JGG⁺14, KN12, RDEN10, SMB⁺15]. **Confidence** [NL16c]. **Configurable** [CLM⁺19, RSJR17, SKH16, VMB19, WHYS16, vdBGLGL⁺16]. **Configurable-ECC** [CLM⁺19]. **Configurations** [SB16]. **Confirmation** [MTFK19]. **Conflict** [CFL⁺18, RXC⁺15]. **Conformal** [FGS⁺15]. **ConformalALU** [FGS⁺15]. **Congestion** [BKV12, FBR⁺12, JRW⁺14, JRS⁺15]. **Connected** [Amm14, Ano11i, DSPB13, Gor14, SKEB16, SG12, SG13]. **Connecting** [LY11]. **Connection** [JWC12, JRC14, SMG14]. **Connection-Aware** [JWC12]. **Connectivity** [AD10, CTH14, RRS⁺16, YL14, YLA10]. **Connectivity-Guaranteed** [RRS⁺16]. **Conquer** [CK15]. **Conscious** [PB16]. **Consensus** [LLKA19]. **CONSER** [MBM11]. **Conservation** [LBWH11, YZHX12]. **Conserving** [LSL15, SC18]. **Considerations** [BF19]. **Considered** [SL13]. **Considering** [GSK12, HL10b, LKLM15]. **Consistency** [AD14, CWX⁺14, HCC⁺12, LXL⁺13, LCX⁺16, LSGZ16, SLC15a, WHL17, WFT⁺19]. **Consistent** [BMS12, CLCS19, RWC18, RBIQ15, SJD⁺18, YWW⁺16]. **Consolidated** [CGJ⁺10, JJK⁺11]. **Consolidation** [MJW⁺14]. **Constant** [GSF⁺10, KRR⁺18, KHPP16, KHZ17]. **Constant-Time** [KRR⁺18]. **Constants** [UdDG⁺17]. **Constrained** [CZP⁺16, FK15, GDY15, KM11, Li12b, LTVL15, MMH14, SN16, SDP11, TLZV11, TCHL18, TLGM17, WMW12, WJL⁺12, XTF⁺12, YZH⁺15, ZHM14]. **Constraints** [GHK15, GZB⁺15, WLYY16, ZL15]. **Constructing** [ALZ16, GFAM11]. **Construction** [KLT16, MM17, NZC11, SJS10, WCL⁺18, XHX⁺17, ZWX12, ZL19]. **Constructions** [AP14]. **Consumer** [KSEG15]. **Consumption** [AO12a, CGJ⁺10, Dar15, HT12, KKK17, VPS⁺12, Yan14]. **Contact** [WW14]. **Contagion** [KKH⁺14]. **Containers** [CT13]. **Containing** [FFL18]. **Contemporary** [ZZ10]. **Content** [ALBP14, CWZC13, FSGAB⁺16, KL16, MCC12, MBS⁺12, PO13, SMRM17, SKH16, THM⁺14, WLT⁺16, WBG19, WLM15, ZFJ⁺17]. **Content-Addressable** [ALBP14, SMRM17]. **Content-Aware** [SKH16]. **Content-Based** [WLM15]. **Content-Centric** [WLT⁺16]. **Contention** [BD15, BPT10, CA12b, CG18, FJA⁺17, GGSPM18, KCRG14]. **Contention-Aware** [GGSPM18]. **Context** [FFCB14, SRK⁺17, YHML16]. **Context-Awareness** [YHML16]. **Contiguous** [CH14, PKY19]. **Continued** [Bra10]. **Continuous** [CCV⁺11, MSKRJ17, RCC14, WXS12, YCL⁺12]. **Contributory** [WQZ⁺16]. **Control** [ABEP16, BIP⁺17, BGMR13, BDB18, CYCC11, CBTU14, CP10, DSR15, DZD⁺16, DRS⁺16, HCZW13, HDYS16, JRS⁺15, KMLH11, KKY⁺16, LZ15, LZZV16, MWW14, MWLJ15, MBM11, MBD11, MD13, NZLK14, NC11, RSNK17, RSN⁺18, SCK10, STR15, TLH⁺16, TSK16, VA11, WMW12, WHZ⁺15, XKT⁺15, YTND12, YLA⁺15, YAGB17]. **Control-Driven** [DZD⁺16]. **Control-Flow** [STR15, VA11]. **Controllable** [Hie11]. **Controlled** [ASTU10, PdG13]. **Controller** [JSC⁺17, MKT⁺11, NKEM11, Pan16]. **Controllers** [EE17, LMNP11, MKFM13, ZJH⁺14]. **Converge** [ZMW⁺19]. **Converge-Diverge** [ZMW⁺19]. **Conversion** [ADJ12, BZ14, BJ10, LJ15]. **Converter** [CHCK12]. **Convolution** [DWZ18, LJG⁺19, RBMO11, ZYY18]. **Convolutional** [CDK⁺18, HHKW12, KBO⁺19, LYL⁺19]. **Convolutions** [LPL12]. **Cood** [SMTK12].

Cool [CZ14]. **Cooled** [SVAB14]. **Cooling** [ASS⁺18, HV14a]. **Cooperation** [CWZ11, OKY⁺19, YZ15]. **Cooperative** [CWX⁺14, CWY13, JZLD10, KJL11, LGH15, QSYS16, SL13, SKM14, XWL⁺16a]. **Coordinated** [LZ15, XLL⁺18, ZYL15]. **Coordinating** [DSW⁺14]. **Coordination** [CB15, LBS15]. **Coprime** [GL19]. **Coprocessor** [CWZC13, FGS⁺13, FGS⁺15, KCS14, NVB16]. **Copula** [SD14]. **Copy** [DW10]. **CORDIC** [PP16, RS10, SR14, VVMAZ12]. **Core** [BLKM⁺18, BD15, BCD⁺16, BBB⁺17, CZ14, CvdBC18, DYW15, DYHX16, DMK⁺15, EF12, GP14, HRM⁺16, IHR⁺16, JAD⁺18, KIJ14, KAH19, KKC17, LKH16, LRP⁺18, LR18, LB13, MB16, Pan16, PCLN15, PBE17, PM14, RVC⁺15, RTL⁺18, SJVR19, SNM16, TFCY16, VTA16, WSL⁺18, WTZ⁺19, WhCCC12, YSLL16, YYP⁺16, ZLBB19, ZZ19, ZCY⁺16]. **Core-Level** [YSLL16]. **CoreRank** [YSLL16]. **Cores** [CCK⁺16b, HMR⁺17, IPS17, LKS⁺14, LPD⁺16, MMP13, OCK17, RRK11, WSL⁺18]. **coreSNP** [GAC14]. **Corner** [PMH⁺14]. **Correctable** [MAD14]. **Correcting** [FKMK16, NL15b, NL16a, RV13, Red14, SBB18]. **Correction** [ABSK15, CJA⁺16, DHM16, DRM16, NL16b, NL18, PO13, PROM15, RBMO11, RLRL19, TC16, WZL⁺17]. **Correctly** [BHR17, KLLM12, Lef17]. **Correctly-Rounded** [BHR17]. **Correctness** [CL10]. **Correlation** [SKZS13, SD14]. **Correlations** [LR10]. **Corruptions** [LS10b]. **Cosine** [RMC⁺15]. **Cost** [AH13, BR13, BCK⁺16, CMLS15, CCE⁺18, CJA⁺16, CPL17, COLK18, DVUS14, GZG⁺16, GCL⁺13, HS18, HK15a, HMS⁺12, HLT⁺15, JT15, JK15, KS14, KO14, KLT16, LYH11, LK15b, LXJD15, LOC⁺16, MKFM13, MAD14, MUMB11, ORBM13, OGH⁺14, SC11, SP12, TKT16, WCLY16, WFT⁺19, YCLH16, YTD⁺17, YLY15b, ZC13]. **Cost-Aware** [CPL17]. **Cost-Based** [OGH⁺14]. **Cost-Effective** [BCK⁺16, CCE⁺18, GCL⁺13, HS18, HLT⁺15, MUMB11, YTD⁺17]. **Cost-Efficient** [JK15, LYH11, LOC⁺16]. **Cost-Sensitive** [KS14]. **Costs** [BTW13, CYC11, KHPP16, WLYY16]. **COTS** [BBP⁺13, HHC⁺18]. **Count** [RC14, MCT19]. **Counter** [EE10]. **Counterexample** [LH11]. **Counterexample-Guided** [LH11]. **Countering** [AS14]. **Countermeasure** [MLW12]. **Countermeasures** [BRN⁺15, BMZ17, GSF⁺10, YZF⁺10, ZMB18]. **Counters** [DJN17]. **Coupled** [DMK⁺15, PBL16]. **Coupling** [TMS⁺14]. **Cours** [RCFP⁺12]. **Cover** [XLW14, XLL15]. **Cover1** [Ano12c]. **Cover2** [Ano12d]. **Cover3** [Ano12e]. **Cover4** [Ano12f]. **Coverage** [AD10, AD12, BKH⁺13, CYHC14, DLL⁺12, GLTC16, Pom12a, Pom15b, SBH11, WXLL13, WXLY15, WCLY16, XCW⁺10, YASS14, ZLH⁺15]. **Coverage-Preserving** [GLTC16]. **Covered** [Amm14, Yun12]. **Covering** [YHH⁺12]. **Covers** [KP13]. **Covert** [LMB⁺16, LFJ⁺13]. **CPS** [ZGB⁺15]. **CPU** [AF14, CLOL18, GD17, Jun16, KkC15a, LLD19, LMC⁺12, WGLL13, XYF⁺15, ZYW⁺16]. **CPU-Budget** [AF14]. **CPU-MIC** [XYF⁺15]. **CPU/GPU** [GD17]. **CPUs** [MHRARG⁺14, MB16, YLML15]. **CRAM** [ZCZ⁺19]. **Crash** [WFT⁺19]. **CRAT** [XLL⁺18]. **CRC** [GRM16]. **Creation** [DRC14]. **Credit** [KP15]. **Credit-Based** [KP15]. **Criteria** [KKT15, Tse12]. **Critic** [ZM17]. **Critical** [ARGT14, BM13b, Ibr16, NL18, ST11a]. **Criticality** [BBD⁺12, BDBB18, CAbZM18, CGL⁺18, GGA⁺17, LRP⁺18, LLX⁺17, LGS⁺18]. **Cross** [CZL⁺17, JRJ⁺18, KCW⁺17, RCK⁺16, SVD18, VSC⁺19, ZLH⁺15].

Cross-Layer[KCW⁺17, RCK⁺16, SVD18, VSC⁺19].**Cross-Level** [JRJ⁺18]. **Cross-Platform**[CZL⁺17]. **Crossbar** [BGMR13, JWC12, PVKA14, RO11, ZMW⁺19].**Crossbar-Based** [BGMR13]. **Crosstalk**[CCH⁺15a]. **Crowdsensing** [HZL⁺16].**Cryptanalysis** [Bar16]. **Cryptographic**[ARH⁺18, BKL⁺13, CATB19, HSA14, LLK18, SEY14, XZL⁺19].**Cryptographically** [MC11, NDG⁺17].**Cryptography** [BF19, BJ10, Cil11, GT19, HKR⁺18, KAK18, LGH⁺17].**Cryptography-Related** [Cil11].**Cryptoprocessor** [GV14, SWM⁺10].**Cryptosystem** [SWM⁺10].**Cryptosystems**[ADI11, MEBS17, PSM17, ZSP⁺19]. **CSDA**[Ano10d]. **CSDP** [Ano10e]. **CSMT**[GSL10]. **CTDaaS** [DHC⁺16]. **Cube**[AH10, HIJ⁺19, HLJ14, SJS10, TIHM18, YWM19]. **Cubes** [FG10, HK13b]. **Cubing**[AH10]. **Cuckoo** [PRM16]. **Current**[PdG13, SRCK10]. **Currents** [GSK12].**Curve** [ARM15, ADI11, BJ10, GKB⁺10, GT19, LGH⁺17, LJL13, NR15, ZWC⁺18].**Curves** [ADJ12, AK14, BDE⁺11, CMRH17, DJJ⁺08, FVV12, LT14, Lee12, TX16].**Custom** [LSC11, LMB17, ÖDSS17].**Customized** [SDMM12]. **Customizing**[HMD⁺17]. **Cut** [LXK12]. **Cyber**[HWSN15, LcZLG19, SLC⁺15b, YLY⁺15a].**Cyber-Physical**[HWSN15, LcZLG19, SLC⁺15b, YLY⁺15a].**Cyberspace** [YGS15]. **Cycle**[GHG⁺14, Iko15, LCH13, XLL15].**Cycle-Accurate** [Iko15]. **Cycle-Efficient**[LCH13]. **Cycled** [WCM⁺16]. **Cycles**[AB16, HBAD14]. **Cyclic** [SN16].**Cyclic-Random** [SN16].**D** [HWG⁺14, KAH⁺15, LJY⁺15, TMS⁺14, WJY⁺17, WZL⁺17, ZDYZ14, AD10, ASS⁺18, AVS⁺14, CMB13, CCK⁺16a,CCL⁺18, CWTT13, CND⁺18, DYW15, EDL⁺14, EYBK15, FGS⁺13, HCY18, JSC10, JKD⁺19, KKC15b, LJY⁺15, LLW⁺17, MWWT13, MSK15, PP16, RVL⁺14, RKZ16, SKEB18, SPC⁺18, TLP18, TCHL18, XCF16, YEY⁺16, YMG16, ZLN11]. **D-MAPS** [KAH⁺15]. **D-Memory** [HCY18]. **D-Mesh** [RKZ16]. **D-NoC** [SKEB18]. **D-Stacked** [SPC⁺18]. **D/** [LJY⁺15]. **DACO** [Tho12, LS10a]. **DaDianNao** [LLL⁺17]. **dAEIte** [SMG14]. **DaemonGuard** [SNM16]. **DAGs** [SF17]. **Damage** [SPC⁺16]. **Dapper** [XHLW19]. **DARE** [XJFT16]. **Dark** [EKA17, HMR⁺17, PKC⁺17, WSL⁺18, WTZ⁺19, khR⁺18]. **DART** [WLV⁺14]. **Data** [AD14, AQPMS15, AMG17, Ano13f, Ano13g, BLKM⁺18, CLS14, CCV⁺11, CT13, CDQB15, CMLS15, CHK10, CCW⁺10, CLW⁺15, CPL16, CPL17, CLOL18, CLW16b, DHC⁺16, FFCB14, FLS16, GWMB13, GYC⁺16, Ged14, GAFN15, GZB⁺15, GZG⁺16, GCL⁺13, GY15a, GDY15, GY15b, GAC14, HXVQ15, HSM14, HNV19, HWSX17, HS18, HK17, HHY11, HLJ14, HLF14, HLT⁺15, HHW⁺18, JGG⁺14, JSE14, JP13, JRS⁺15, JCM16, JC11, KTAvdS16, KGV16, KLKL13, KP15, KLK17, KLC18, KRP18, KN11a, KN11b, KYZC19, KKT15, KLT16, LBSK17, LHC⁺14, LK15b, LKLM15, LKK⁺17, LS10b, LWW11, LMJ14, LXL⁺14, LW15, LSHC15, LYY16, LDMQ16, LLXC16, LWF⁺17, LcZLG19, LTP⁺14, LZYL13, LRY⁺15, LLS⁺16, LWF13, LLHC15, LGF⁺15, Man16, ML18, MJWT16, MBGS10, NCD⁺17, OYP⁺18, PZZQ19, PWTS16, PP10, PSM17, Pom12c, QQW⁺17, RHC⁺14, Red11, RWZZ14, RLX15, ROGHNB⁺18, SMRM17, SST12, SMTK12, SHGW15, SKC⁺14]. **Data** [SMK⁺16, SLZX15, ST12, SZW⁺16, SBW⁺16, SHH⁺16, UMN18, UVL⁺13, VPS⁺12, VCSG⁺19, VCG⁺12, WZZ10, WXS12, WHZ⁺15, WLYY16, WSZ⁺16, WBGI19, WSXZ13, WJM15, WAK⁺17,

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 ZR15a, ZTS10, ZZL14, ZWH⁺15, ZDP⁺15,
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 dRV12]. **Data-Allocation** [UMN18].
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 [HCD⁺16]. **Deduplicating** [LLXC16].
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 [BKP16, CSW⁺15, Pom16b]. **Defects**
 [BGPV10, HTH15]. **Deferrable**
 [LHC⁺14, RHC⁺14]. **Defined**
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 [HGW⁺17, ORBM13]. **Degraded**
 [FSL⁺17, ZLLX15]. **Degree**
 [CMRH17, Ste14]. **Degrees**
 [Cil13, UHSA17]. **Delay**
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[JLMH10]. **Dependent**

[AKL14, JCY⁺13, KL13, LR13, ZM17].

Deployability [TC14]. **Deployed**

[WLJ⁺16]. **Deploying** [BWCW15].

Deployment [SZS14, XLW14]. **Derivation**

[YLH13]. **Derived** [DRM16]. **Deriving**

[CKK10, XXBL17]. **Descriptions** [BFP11].

DeSign [GEN⁺17, ABB17, ARH⁺18,

ACW⁺11, AD16, AS10, ABEP16, Ano11f,

BKL⁺13, BS10, BMS11, CCO⁺14, CHH⁺13,

CKKS14, CCC15, CHLL16, CYA13,

DCY⁺13, DZLP14, DJO11, EKA17,

FFISC13, FAK16, FGS⁺13, GH11, GJ14,

GZC⁺17, GEvS10, GSX⁺13, GTRMG18,

GSF⁺10, HFG⁺17, HHM11, HSA14, HMC11,

HHCH11, HKWC14, HWK15, HMS⁺12,

JAKD18, JKY10, JKD⁺19, JAD⁺18, Jun16,

KSS12, KC14, KW14, KAH⁺15, KKY⁺16,

KCL⁺16, KH18, KKS14, LYB15, LH16,

LJ18, LCL17, LTLC12, LCW⁺16, LOC⁺16,

LQW⁺17, LCY⁺19, LVF19, LLOS13,

MJW⁺14, MMCS18, MSK15, MOMT12,

MRL⁺18, MLE14, MHML15, MF14, MCT19,

NBZP17, PC16, PBT13, PR14, RQ14,

SBP⁺14, SVD18, SCZ⁺16, SJD⁺18,

SRR⁺16, SJS⁺14, ST11a, SZZ⁺19, SVAB14,

SZDL14, TAH⁺16, TS11, VPS⁺12, VSLD15,

VCSG⁺19, VAM10, VALK19, VKS⁺16,

VD12, WZBB15, WLT⁺16, WKB16,

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[AO12b, CWZ13, FBWMM13, HK16,

HHY11, LMB⁺16, LCHX11, Red18].

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CFR⁺14, CCAM14, FML10, JLLH19,

KAQC14, LLC⁺16, LKS⁺14, NS13, PSL17,
TGNSC11, VTA16, WZCG16, ZYY10, ZZ10].

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[Fin10]. **Details** [Bai17]. **Detect**

[LXK12, OWP16]. **Detectable** [KT19].

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HRM11, HHC⁺18, HBR11, KMJ⁺11, KC13,

KT12, MLW12, MKFM13, MKRM10,

MKRM11, NDC⁺13, OHCK17, OCK17,

ORBM13, OKD⁺16, PNKI13, PO13,

PRBM13, PBT13, PMH⁺14, RBK⁺12,

RSU17, RBMO11, SPC⁺16, SRR⁺16, ST12,

TJH⁺15, TC16, TM18, VA11, VSF⁺17,

WF14, WhCCC12, XJFT16, XCW⁺10,

YHML16, ZZ17, ZYW⁺16, ZLN11, ZCR16].

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Downtime [DSY⁺15]. **DPA** [BK12, GSF⁺10, LRY⁺15, MM17]. **DPPC** [MWW14]. **DR** [CLW⁺19]. **DRAM** [ACM⁺16, BCC⁺16, CLW⁺19, CJA⁺16, FZL⁺14, GC16, HK15b, Iko15, JYL⁺17, KCKL19, LBN14, LK16b, LZZZ13, LHTG15, LWH⁺16, OCK17, RSJR17, SMA19, SCJ⁺16b, SCJ⁺16a, SJC⁺17b, SPC⁺18, SD14, WZL⁺17, WBG19, ZZ10]. **DRAM-Based** [OCK17]. **DRAM-Latency** [SCJ⁺16b]. **DRAM/PRAM** [HK15b]. **DRAMs** [SSJ⁺18, ST16]. **DRINA** [VBR⁺13]. **Drive** [KLK18]. **Driven** [AD13, BR13, BM13a, BM13b, CMS10, DZD⁺16, HWX15, LK15b, LGMP10, PP10, PCZB11, RM15a, SAR⁺11, TLZV11, TS11, YTND12, YHV13]. **Driver** [JW16]. **Drivers** [JKJ⁺10]. **Drives** [CDQB15, CLZ19, DSW⁺14, Jun16, LRP16, MLE14, PDXZ13, TAH⁺16, WFY⁺17, XWL⁺16b, YCW⁺19]. **Drone** [WAK⁺17]. **Drought** [JGG⁺14]. **DSRC** [YMT13, YMTV14]. **DT** [SDP⁺15]. **DT-CAIF** [SDP⁺15]. **DTNs** [LS13, YZH⁺15]. **Dual** [GSF⁺10, GCL⁺13, HGW⁺17, KAH18a, KwPK⁺15, LPL⁺13, LW15, LXW⁺19, LW13, PPND17, YTD⁺18]. **Dual-Addressing** [LXW⁺19]. **Dual-Clock** [KAH18a, PPND17]. **Dual-Level** [HGW⁺17]. **Dual-Modular** [KwPK⁺15]. **Dual-Phase** [YTD⁺18]. **Dual-Port** [GCL⁺13, LW15]. **Dual-Rail** [GSF⁺10]. **DuCNoC** [KAH18a]. **Due** [MD16]. **DUOS** [BSS14]. **Duplication** [WMG18, ZMRQ11]. **Durability** [CDQB15]. **During** [LS10b, UMN18, DN11, KN12, XXBL17]. **Duty** [GHG⁺14, WCM⁺16]. **Duty-Cycled** [WCM⁺16]. **DVFS** [ASE17, EE10, GHK15, GZB⁺15, HV12, HV14a, KkC15a, LSC10, LY17, LY18]. **DVM** [MSG14]. **DwarfCode** [ZCS16]. **DWF** [LBN14]. **Dynamic** [ABSK15, CBB19, CLS10, CKH15, CFW14, CCP⁺13, DCV⁺12, DKK16, FHR14, FKMK16, FCB⁺19, GVPS19, HCCG10, HCD⁺16, HHY11, HH17, HV13, HV14b, HCG⁺16, HLWV17, IHR⁺16, JSH⁺17, JCM16, JR17, KAH19, KLKL13, KCRG14, KCL19, KKT15, LKYC12, LK16a, LCL15, LXDV17, LHH14a, LHYZ13, LRY⁺15, LZA⁺16, LZS⁺13, LHTG15, LWH⁺16, LPL10, MWW14, MSC12, NM10, NH10, OKC13, RBG14, RF14, RDEN10, SKZS13, SJS1D11, WSL⁺18, WTZ⁺19, XLF15, YZHX12, YFJ⁺14, YTD⁺18, YHV13, YZGG16, YLY15b, YAGB17, ZWC⁺18, ZLN11]. **Dynamically** [CW15, GLXY13, KGC14, LYJ⁺18, PPP13, RSU17, TLGM17, YSL16]. **Dynamics** [JWWZ16, LLL16]. **E-MACs** [AP14]. **E-Shadow** [TZL⁺14]. **EAD** [ZMRQ11]. **Early** [SVAB14, VSC⁺19]. **Early-Stage** [SVAB14]. **Easy** [KT19]. **ECC** [CSCW13, CLM⁺19, FKMK16, GBGI18, HK17, HCL15, PN16, PCZB11]. **ECC-Based** [PN16]. **ECM** [IDG⁺17]. **Ecosystem** [Cro14]. **eCryptfs** [XZL⁺19]. **EDF** [BGRH15, CBB19, CQ14, LXL⁺13, SL14b]. **Edge** [AB16, CTH14, DHW⁺19, HBAD14, PMH⁺14, RSNK17, RSN⁺18, THGT13, YL14]. **Edge-Connectivity** [YL14]. **Edge-Directed** [THGT13]. **Edge-Disjoint** [HBAD14]. **Edges** [WHC⁺15b]. **Editor** [Lou19, Mon15a, Mon19]. **Editor-in-Chief** [Lou19, Mon19]. **Editorial** [BKP16, CHTD19, DPO17, Lom11, Lou19, Mon15a, Mon19, WHBR16, XL16, Zom15a, Zom12a]. **Editors** [AHI12, AISA16, Avr13, BKPMC13, BMM11, BS10, BCS11, BdD19, EM12, GC14, GM11, LLK18, MG11a, MOS14, NST14, ST11a, VP14, ZMS13]. **eDRAM** [FHW18, JJZ⁺16, VPS⁺12]. **eDRAM-Based** [JJZ⁺16]. **eDRAM/SRAM** [VPS⁺12]. **Edwards** [LT14]. **Effect** [BD15, GC16, YMG16]. **Effective** [BCK⁺16, BTBB14, CXZ13, CCE⁺18, DCV⁺12, GCL⁺13, HS18, HLT⁺15, JT15,

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 DHW⁺19, DCY⁺13, EM12, FAA10, GH11,
 GKS14, GBD⁺15, HWZ⁺12, HV14a, HNV19,
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 [CSCW13, JRW⁺14, KLC⁺16, ML13,
 SMCN18, SC11, WLS18]. **Enhancement**
 [CHH⁺13, HCY18, JSA17, LBWH11,
 LLHC15, SMP16, ZZYZ14]. **Enhancing**
 [JC11, KKC17, PCLN15, SMAR⁺19, ZOD13].
Enough [JAJK15]. **Ensuring**
 [LYY16, MHK15]. **Enterprise** [XZL⁺19].
Enterprise-Level [XZL⁺19]. **Entropy**
 [DEE17, GLH⁺19, KKT15, LB15b].
Environment
 [KFB⁺15, LDL⁺17, WSZ⁺16].
Environmentally [MTBB10].
Environments [BMT14, CGJ⁺10, GW16,
 HCD⁺16, HGCT13, KC13, LP13b, LWF13,
 MFG14, WXS12, YHML16]. **EPC** [SDZ15].
EQAR [LY11]. **Equal** [DDNT19].
Equalization [TLGM17]. **Equalized**
 [WMG18]. **Equilibrium** [BBVL14, Cro14].
Equivalence [PR10, ZYHZ16]. **Equivalent**
 [BFP11]. **Era** [EKA17, HMR⁺17, YMG16].
Erase [CCL⁺18, JSH⁺17]. **Erasure**
 [CJA⁺16, HQLX15, LS10a, LSXP14,
 SZG⁺18, ZLLX15]. **Erasure-Coded**

[HQLX15, LS10a, ZLLX15]. **Errata** [ZDYZ14]. **Error** [AS12, Bai17, BM11, CHLL16, CJA⁺16, CZS⁺19, CFMA19, CCAM14, CTS13, CMM15, DRM16, DZLP14, EBE13, EGVFC⁺12, FKMK16, GPN11, GTRMG18, HRM11, HHCH11, HBR11, JRJ⁺18, KMJ⁺11, KW14, KTA⁺14, KT19, LR16, LHL13a, LHL15b, LCY⁺16, LOC⁺16, LQW⁺17, MLW12, MRD19, MKFM13, MAD14, MHHS17, MHH⁺17, MG11a, NEE18, NL15b, NL16a, NL16b, NL18, NC11, OHCK17, OCK17, PNKI13, PCZB11, PO13, PRBM13, PROM15, RSU17, RBMO11, RLRL19, SB16, SBB18, SMRM17, SVD18, TC16, VTA16, VA11, WZL⁺17, WLG⁺19, XH16, YW12]. **Error-Detection** [RSU17]. **Error-Tolerance** [HHCH11]. **Error-Tolerant** [CHLL16, LQW⁺17]. **Error/Fault** [MG11a]. **Errors** [DRS⁺16, HCC⁺18, JSC⁺19, KK10, KCKL19, RV13, Red18, SMAR⁺19, TM18, UVG16, VSC⁺19, WBG19, dOPSR16]. **Essential** [Ano11g, Ano11h]. **Esterel** [LvH12]. **Estimate** [PB11]. **Estimating** [Dar15, MYHL16]. **Estimation** [BJ12, CYHC14, DAS14, DAPS14, EE10, ISC15, LPL10, RM15c, SRCbL⁺15, SMA19, SRCK10, SDP⁺12, TKT16, WWT⁺18, XTW15, YLH13]. **Ethernet** [CWF14, HGML11, JRW⁺14, JRS⁺15, SME⁺17]. **Evaluating** [CPS⁺10, LHL15b, LOC⁺16, MBD11, RSG⁺19]. **Evaluation** [BLB⁺19, CWF14, CCO⁺14, EGVFC⁺12, FTP13, GEvS10, GSF⁺10, HCL⁺14, HHM11, HWCH17, JKMR11, JW16, JRP⁺14, KSS12, KCL⁺16, KKT15, LJ18, LCHX11, MNK11, ROH17, RQ14, RJV⁺18, dLSGDR17, ST11b, TSK16, WGW⁺15, WLT⁺16, WFY⁺17, YL14, YMT13, YMTV14, ZCL⁺16, ZWC13, dOPSR16]. **Evaluations** [GLH⁺19]. **Even** [ARH14, PCHS18, WF12]. **Even-Type** [WF12]. **Event** [CVH⁺13, HWX15, SMRML17, WNKL16, XAYL15, XLS⁺12]. **Event-Driven** [HWX15]. **Event/Multiple** [WNKL16]. **Events** [BJ12, LBS15, MB12b]. **Evidence** [EFPC16]. **Evolution** [YZ15]. **Evolutionary** [AD13, HSH⁺10, RM15c]. **Evolvable** [SOM⁺13]. **Evolving** [HCZW13, JWWZ16]. **EvolvingSpace** [WZZ10]. **Exact** [BM11, JLMP11, MBD⁺17, RCRK13, dLSGDR17, XP10]. **Exascale** [YWXZ12]. **Exchange** [EFGT18, FHLOJRH18, GDLL18, SD18, YRT⁺16]. **Exclusive** [LSHC15]. **Executing** [WLY⁺14]. **Execution** [ASE17, BBK10, DZ10, GLXY13, GPRS17, KLLK11, KCRG15, LK10, LKK⁺17, LMB13, Sri10, WLZ⁺15, WA10, XLC14, ZLSI17]. **Executions** [LKLK13]. **Existing** [FNS16, YTND12]. **Expandable** [GCL⁺13]. **Expansion** [AVS⁺14, RCRK13]. **Expansions** [JMMP16, MRD19, RMB⁺12]. **Expenses** [ZMW15]. **Expensive** [GBGI18]. **Experience** [MBM11]. **Experiences** [LHH14b]. **Experiments** [BM13a, DN11, dRV12]. **Experts** [RF14]. **Exploiting** [AKKH12, CSPC12, CZ14, CCC⁺17, CLZ19, CWY13, CYL⁺14, CLMM11, DSR15, DSG⁺19, EF12, FMTK19, GC16, HCY18, HIJ⁺19, HJBM14, HK15a, HJF⁺13, IS14, JCY⁺13, JRC14, KWC⁺16, LK14, LWKA15, LR16, LR10, LS13, LWF⁺17, LJG⁺19, LCY⁺16, NLRB17, SSW12, SPC⁺18, WSL⁺18, WBG19, WGZ⁺15]. **Exploits** [GDJZ18]. **Exploration** [DJO11, JLMH10, JAD⁺18, KBH⁺10, Nan16, SMP16, SVD18, SBW⁺16]. **Explorer** [SQJ⁺15]. **Exploring** [Cil11, GY15a, HXL11, HJF⁺13, Jun16, KH18, LPD⁺16, VMB19, WHC⁺15a, YXWL16]. **Explosively** [YCKH16]. **Exponential** [BHR17, LP17, VB13]. **Exponentiation** [DCCK18, ERRM16, GLP⁺12, HMA⁺10]. **Expression** [OWP16, YP12]. **Expressive** [LFH⁺16]. **EXR** [LSHC15]. **Extended** [BFMT16, Hia17, JMMP16, LPCW14,

LWK11, Sou15, WJL⁺14]. **Extending** [FKMK16, JSH⁺17, PPB⁺14, RCFP⁺12, SF17, XWLX17]. **Extension** [ARH14, HRM11, RCC14, Red14]. **Extensions** [RS17, SJVR19]. **External** [LBSK17, LRP16]. **Extra** [CTH14, YL14]. **Extraction** [KCK16, LJY⁺15, VB13]. **Extractor** [USH19]. **EXTREME** [SPC⁺18]. **Extremely** [MAD14]. **Extremum** [ZFJ⁺17]. **EZ** [PDXZ13].

Fabric [GFAM11]. **Fabrics** [AD16, DPO17, VYEB17]. **Face** [FS10]. **Facilitating** [cCWS14]. **Factor** [HL10b, LLS⁺16]. **Factoring** [GKB⁺10]. **Factorization** [CND⁺18, PGvdG14]. **Factors** [MPZ15]. **Fading** [QSYS16]. **Fail** [HCC⁺18, IGLM15]. **Fail-Stop** [HCC⁺18]. **Failure** [CVMA10, CSW⁺15, HL10b, LLL15, LWL⁺16, MD16, ST12, TS11, WCL⁺18, XLX⁺14, XWL⁺16b, ZXX⁺14]. **Failure-to-Fault** [HL10b]. **Failures** [FEP⁺12, HK16, HWSN15]. **Fair** [GGSPM18, KH18, TSK16, VC10, FSPD17]. **Fairness** [FSPD17, LMC⁺15, TSK16, WMW12]. **Fairness-Based** [LMC⁺15]. **Faithfully** [DRC14]. **False** [YLY⁺15a]. **Family** [ARH⁺18, GPN11, SBM15]. **Farewell** [Zom15a]. **Fast** [ADJ12, AJH15, ASM⁺16, AD16, BLKM⁺18, BDE⁺11, BCMJ10, CLS10, CLW⁺15, Cil13, DJA14, GNSR14, HNV19, Ima18, IDG⁺17, JDA15, JAD⁺18, Kır12, LNCX18, LL11, LCHX11, LW13, LPCW14, MNFA14, NL18, Pom12b, Red18, SYH17, SMG14, VAB14, WF17, WWT⁺18, WZ14, YFCV14, YLL16, YUGD14, ZHW⁺16, ZFJ⁺17, ZWL⁺19, GTRMG18]. **Fast-Write-and-Rewrite** [WZ14]. **Faster** [FHLOJRH18, KVV10, ZSP⁺19]. **Fat** [GY15b, SJS1D11, WXW⁺14]. **Fat-Tree** [GY15b]. **Fat-Tree-Based** [WXW⁺14]. **Fault** [AE11, BMT14, BWCW15, BKP16, CKM15,

CL12, DCK16, EYBK15, EGVFC⁺12, GRM16, GV15, HL10b, JK15, JWH⁺15, JKJ⁺10, KCRG15, LYK19, LCC10, LH12a, LW17, LKT13, LCY⁺13, LZS⁺13, MLW12, MSS17, MG11a, MOMT12, MBSSA19, MKRM10, MKRM11, NI11, PNKI13, PPP13, PR10, Pom12a, Pom15b, QLR⁺11, RVL⁺14, RZZ⁺15, RRS⁺16, RKZ16, RZPX19, SBM15, SEY14, SDE⁺17, SJS1D11, SRK⁺17, SD13, SPH13, SBMP18, TLB⁺17, TLL12, VCB⁺13, WBZ⁺15, WZL⁺17, ZNL18, ZBK⁺17, ZBW17, ZL15, ZJXL11, ZQQ11]. **Fault-Aware** [RKZ16]. **Fault-Tolerance** [BWCW15, JWH⁺15, PPP13, RRS⁺16, VCB⁺13]. **Fault-Tolerant** [AE11, BMT14, JK15, LCC10, LW17, LZS⁺13, QLR⁺11, RVL⁺14, SDE⁺17, WBZ⁺15, ZBW17, ZQQ11]. **Faults** [Ano13g, DKK16, EFGT18, FD16, HK15a, Li12a, MMC15, MCM16, MKT⁺11, MD16, PB16, Pom12b, Pom16b, SBM15, ST16, ZHM⁺19]. **Faulty** [AGFM11]. **FD** [OGH⁺14]. **FD-Buffer** [OGH⁺14]. **Feasibility** [ACM⁺16, WHC⁺15a, ZD13]. **Feasible** [YZGG16]. **Feature** [AHNT16, LJVJ18, WW14, ZYC16]. **Features** [OWP16, OKD⁺16, PTD⁺12, ZMB18]. **Featuring** [RRK11]. **Feedback** [CVH⁺13, FD16, HZ11, MG16]. **Feistel** [BFMT16]. **Femtocell** [SPTC15]. **FESTAL** [WBZ⁺15]. **Few** [CLZ19, KKH⁺14, SBM15]. **FFT** [CYC⁺16, CCR⁺17, DCCK17, DCCK18, DALD18, SS12]. **FFT-Based** [CYC⁺16, DCCK17, DCCK18]. **Fi** [HWK15]. **Fidelity** [SLL15]. **Field** [ABH⁺13, BNP10, ERRM16, GKB⁺10, HMNN12, HSA14, LCwW10, MLS19, MKRM11, NWA11, UHSA17, ZM10, ZAG19]. **Fields** [ARH14, HRM11, HN11, JDA15, NR15, ZL19]. **FIFO** [FJA⁺17]. **File** [CS15, CCY⁺16, CCC⁺18, CLCS19, HWSX17, HZW⁺12, HHW⁺18, JZLD10, KL16, LYB15, LKBS16, LSW15, MWZ⁺17,

MLE14, PP11, RURM18, SCZ⁺16, SL13, SLC15a, SYH17, VCSG⁺19, WLK15, WLM15, XZL⁺19, YY14, YSZ⁺14, ZFHC19]. **Files** [RRK11]. **Filter** [AHNT16, EF12, HXVF12, LKYC12, LK15b, ML16, QZC15, SMRML17, ZL11]. **Filter-Based** [AHNT16]. **Filtering** [CWZC13, FEM⁺18, RM15c, SL14a, TKT16, YLY⁺15a]. **Filters** [ADC11, KBP13, LLLP14, NC11, PO13, VIDH19, YM11]. **Financial** [APP12]. **Finding** [Fen14, FK15, YUGD14]. **Fine** [Ged14, LSA⁺17, LPD⁺16, PSND16, SSJ⁺18, SNM16, WZM⁺16]. **Fine-Grained** [Ged14, LSA⁺17, LPD⁺16, PSND16, SNM16, WZM⁺16]. **Finely** [GT19]. **Finely-Pipelined** [GT19]. **FinFET** [ACM⁺16]. **Finite** [AWFV13, CWZ11, Hie11, Hie13, LLQ⁺14, LCwW10, LW13, NWA11, SP10, ZL19, ZM10]. **Finite-State** [LLQ⁺14]. **Finite-Time** [CWZ11]. **FIPS** [RBG⁺19]. **Firewall** [YCZ10]. **Firewalls** [YCZ10]. **First** [CCE⁺18, DSPB13, LPL12, PC16, RBG⁺19]. **First-Last** [CCE⁺18]. **First-Order** [LPL12]. **FITS** [CWZ11]. **Fixed** [BDB18, CK15, JCK15, Lee17, MBD⁺17, NRG15, ZZ19]. **Fixed-Point** [CK15, JCK15]. **Fixed-Priority** [BDB18, Lee17, ZZ19]. **Flash** [AKJ⁺13, Cha10b, CHK10, CK11, CHH⁺13, CCK⁺16a, CQW⁺15, CWL⁺17, CCL⁺18, CLZ19, CC11, CYL⁺14, DKH⁺13, DSG⁺19, FYSK14, FAK16, GKD⁺17, GWM⁺17, GCF⁺16, IS11, JSH⁺17, KLLK11, LSK13, LK13, LK14, LKLM15, LK16a, LRP16, LOX⁺13, LSG⁺18, LCY⁺16, LSG⁺15, LSGZ16, MLE14, NKEM11, OGH⁺14, PDXZ13, PP11, PPKW12, PRM19, ROGHNB⁺18, SNY⁺10, SKM14, SYK14, TCYH15, UMN18, WLC⁺15, WW16, WLY⁺14, YCKH16, YCK16]. **Flash-Aware** [GCF⁺16, IS11]. **Flash-Based** [CYL⁺14, FAK16, JSH⁺17, LSK13, LK16a, LRP16, LSG⁺15, LSGZ16, MLE14, SKM14, WLC⁺15, WW16]. **Flash-Cache** [SYK14]. **Flash-Dissemination** [DKH⁺13]. **Flash-Memory** [CK11, CHH⁺13]. **FlexCL** [LWZ18]. **Flexibility** [BCTV15, SLL15]. **Flexible** [CW10, CGL⁺18, CLM⁺19, DCL⁺11, GT19, IB10, KLC⁺16, NS13]. **FlinkCL** [CLOL18]. **Flip** [SMK⁺16, YTND12]. **Flip-Flops** [YTND12]. **Flit** [MWLJ15]. **Floating** [AMG17, BLMM16, BGHL19, CHCK12, CI16, FKMK16, GH11, GNTS13, GABK11, HMS⁺12, JPG10, JKMR11, JLMP11, JMMP16, KGD16, LP17, Lef17, LCW⁺16, MKFM13, Nan19, PGvdG14, SS12, VVMAZ12, VMHGN18, WF17, ZMR⁺13, ZCK19, dDLM11]. **Floating-ECC** [FKMK16]. **Floating-Point** [BLMM16, BGHL19, CHCK12, CI16, GH11, GNTS13, GABK11, HMS⁺12, JPG10, JKMR11, JLMP11, JMMP16, KGD16, LP17, Lef17, LCW⁺16, MKFM13, Nan19, PGvdG14, SS12, VVMAZ12, VMHGN18, ZCK19, dDLM11]. **Flooding** [GHG⁺14]. **Floor** [BGRH15]. **Floorplan** [WXW⁺14]. **Flops** [YTND12]. **FLOTT** [GNSR14]. **Flow** [AT16, ASS⁺18, BCD⁺16, CCV⁺11, CBZ14, DDN14, DRS⁺16, GAFN15, JWL⁺16, JPLP13, KKY⁺16, MWLJ15, MBD11, MD13, MBGS10, OPAGS14, PAP13, PTD⁺12, QSYS16, STR15, SLS⁺12, TSK16, VA11]. **Flow-Based** [PAP13]. **Flow-Level** [JPLP13]. **Fluid** [JWWZ16, KCE⁺18, LRP⁺18, MBM11, LRP⁺18]. **Fluid-Based** [LRP⁺18]. **Flush** [LKBS16]. **Fly** [DHM16, Pip11, VCG⁺12, YLY15b]. **FMA** [BM11, HMS⁺12]. **Focus** [YXWL16]. **Fog** [ZGG⁺16]. **Folded** [CTH14, HTC13]. **Fool** [YGS15]. **Forest** [Cro14, LSX13]. **ForestDB** [ASM⁺16]. **Form** [ACO12, LMZQ17, LPW10, PCHS14, VIDH19]. **Formal** [ABSK15, BIP⁺17, HTA10, HSA14, LJ18, Rus13, SKEB16, UHSA17]. **Formalizing** [LY17]. **Formation** [LTP⁺14]. **Formats**

[AMG17, HV16]. **Forming** [JWWZ16]. **Formulas** [CNH13, Ose11]. **Formulation** [GGL⁺14, ZD13]. **Formulations** [PSL17]. **Forward** [HLT⁺15]. **Forwarding** [CSJ⁺11, FS10, MS12, WGZ⁺15]. **Fourier** [GTRMG18]. **FP** [FVV12]. **FP-Arithmetic** [FVV12]. **FPGA** [ALW11, AD13, BBA19, CJSM17, FML10, GP14, JC12, KAH18a, KN13, KL13, LW17, LMB17, LLD19, MLS19, PTD⁺12, PBT13, PMH⁺14, ROGHNB⁺18, RJV⁺18, SDP⁺15, SME⁺17, TB15, VMB19, YP12]. **FPGA-Based** [BBA19, CJSM17, GP14, JC12, KAH18a, LMB17, PMH⁺14, ROGHNB⁺18, RJV⁺18, TB15]. **FPGAs** [ABB17, AKL14, EKA17, GT19, GEN⁺17, GBA18a, GTRMG18, HVZ13, IBH⁺13, KK18, LSC11, LP17, LWZ18, MB16, NZ15, NY15, NYHB16, RURM18, RTRM19, SBMP18, WLW⁺14, WMG18, WDSP12, BMS11]. **FPTAS** [NRG15]. **FPU** [MKFM13]. **Fragile** [BIP⁺17]. **Fragmentation** [KWC⁺16]. **Frame** [DA12]. **Frame-Based** [DA12]. **Frames** [GM15]. **Framework** [ARGT14, BGPV10, CXLL16, DHC⁺16, Fin10, GVPS19, GZG⁺16, HCSW15, HDYS16, KPBC17, KCW⁺17, LKLG13, LR16, LMJ14, LHL15b, LJY⁺15, LQD⁺16, LZZ16, LJL13, MYHL16, PBL16, PNKI13, RVC⁺15, SBP16, SVD18, SCK10, SCZ⁺16, SMN⁺17, SPTC15, WZZ10, WLYY16, WLZ10, YTD⁺18, YZGG16, YAGB17, ZJL⁺16]. **Free** [BZ14, CT13, CJG16, CSJ⁺11, DSPB13, FG10, GDJZ18, HTA17, LKLT12, PCHS17, RRS⁺16, ST11b, WP16, WMG18]. **FREM** [LL11]. **Frequency** [DA12, FCB⁺19, KkC15a, LHTG15, NYHB16, NY19, WBGI19]. **Freshness** [LHC⁺14, LcZLG19, RHC⁺14]. **Friendliness** [KIJ14]. **Friendliness-Aware** [KIJ14]. **Friendly** [FVV12, SZDL14, ZM17]. **Friends** [JWWZ16]. **FSA** [LZS⁺13]. **FTCAM** [FAK16]. **FTH** [BMT14]. **FTH-B&B** [BMT14]. **FTL** [HLY14, YLH13]. **Full** [WWT⁺18]. **Full-Chip** [WWT⁺18]. **Fully** [CMO⁺16, DOS15, HFG⁺17, L XK12, WHC⁺15a]. **Fully-Pipelined** [HFG⁺17]. **Function** [Bai17, BLB⁺19, CA12a, CJSM17, DKL B15, HWCH17, RJV⁺18, Tho15, WEX14, dDLM11]. **Functional** [BCSR14, BC16, GPRS17, GAFN15, JLMH10, JRJ⁺18, LQD⁺16, Pom12a, Pom12b, Pom13a, Pom13b, Pom14, Pom15a, Pom15c, Pom15b, Pom16a, YTND12, ZRL15]. **Functionalities** [SBP⁺14]. **Functions** [AFC10, AR17, BHR17, JLMP11, JRP⁺14, KM11, KFB⁺15, LJ13, dLSGDR17, SKM⁺13, SDP11, TSA⁺19, ZYHZ16, vdBGLGL⁺16]. **Fused** [SS12, WF17, ZYW⁺16, ZCK19]. **Fuzzy** [EFPC16, GSH⁺14, LZ15, PdG13, USH19, XJWW13]. **Fuzzy-Controlled** [PdG13]. **FV** [MRL⁺18, RJV⁺18]. **Gains** [CA12a]. **Galois** [HSA14, UHSA17]. **Game** [CB15, EFPC16, SCK10]. **Games** [BSM⁺14, BKV12, CFW14]. **Gaming** [DGC⁺15]. **Gappa** [dDLM11]. **Garbage** [CW10, DSW⁺14, LSK13, LTW⁺12, UMN18]. **Gate** [GSK12]. **Gates** [Ibr16]. **Gateway** [SME⁺17]. **Gathering** [WLYY16, ZMY11, ZY12]. **Gating** [LW17, RRK11]. **Gauges** [ROGHNB⁺18]. **Gauss** [CCR⁺17]. **Gaussian** [AMR18, AB16, ARM13, ERRM16, FB13, GPR⁺19, HFG⁺17, HKR⁺18, KRR⁺18, RMERM19, WJL⁺12, WZCG16, ZGY13, ZGY14, ZR15b]. **GCM** [JL11, MKRM12]. **GCMA** [PKY19]. **GDP** [WTZ⁺19]. **Gene** [WGW⁺15]. **Gene/Q** [WGW⁺15]. **General** [GZG⁺16, HTA17, LKLG13, LL11, LJL13, SHGW15, SJVR19, WLZ10, ZBW17]. **General-Purpose** [SJVR19]. **Generalization** [CSCW13, JDA15]. **Generalized** [BFMT16, GL19, HBAD14, JWL⁺16, PAP13]. **Generalizing** [LP13b]. **Generate** [BGM⁺13]. **Generated**

[CW15, YLY15b]. **Generating** [AFH⁺10, HT16, LB15a, SN16]. **Generation** [AK16, CM11, CYA13, CCD12, FM19, FD16, GT19, GJ14, GSK12, NZ14, NM10, Pom14, Pom16a, TXL11, USP⁺13, VK15, ZLY15]. **Generator** [CLC⁺16, Jes15]. **Generators** [MG16, YMAG17]. **Generic** [WCL⁺18]. **Genetic** [CJSM17, LJVJ18, QML⁺15]. **Genomic** [KPBC17]. **Genomics** [GKC19]. **Genuine** [WJY⁺17]. **Geo** [BBPQ15, CPL17, GZB⁺15, GZG⁺16]. **Geo-Distributed** [BBPQ15, CPL17, GZB⁺15, GZG⁺16]. **Geographic** [CSJ⁺11, CBVL16]. **Geometric** [EG11, FGS⁺15, SZS14, WF14]. **Geometry** [EG11]. **Georouting** [RS13]. **Getting** [Jun16]. **GF** [GT19]. **GliFreD** [WMG18]. **Glitch** [FNS16, WMG18]. **Glitch-Free** [WMG18]. **Global** [GYC⁺16, GHK15, MTGM12, YPB⁺16, ZL15]. **Globally** [GGA⁺17]. **GNB** [PCHS18, WF12]. **Goldschmidt** [KS10b, KKS14, PB11]. **GPGPU** [ADP⁺15, CVPS19, LLC⁺16, MWZ⁺17, YEG⁺15]. **GPGPU-MiniBench** [YEG⁺15]. **GPGPUs** [JJZ⁺16, LKJ15]. **GPS** [LKLT12]. **GPS-Free** [LKLT12]. **GPSR** [LYCT10]. **GPSR-Like** [LYCT10]. **GPU** [CLOL18, DALD18, GD17, GBF⁺19, KLC18, LR16, LSA18, LMT13, MTFK19, PTD⁺12, SCSL12, SKYK16, VCSG⁺19, VAN⁺18, WZK⁺19, XHZC16, ZS13, ZYW⁺16, ZRL15]. **GPU-Accelerated** [MTFK19, SCSL12]. **GPU-Aware** [KLC18]. **GPU-to-GPU** [ZS13]. **GPUs** [LWKA15, LKK⁺17, LLCC13, MB16, OYP⁺18, OKY⁺19, XLL⁺18, YLML15, ZMW⁺19, vdBGLGL⁺16]. **GPUvm** [SKYK16]. **Gradients** [Cro14]. **Grain** [SBM15]. **Grained** [CCY⁺16, Ged14, JLKR19, LSA⁺17, LPD⁺16, PSND16, SNM16, WZM⁺16]. **Granular** [KKT15, LFH⁺16]. **Granularity** [LHH17, QZC15, SSJ⁺18]. **Graph** [DHW⁺19, DLL⁺12, GZC⁺17, GWZ⁺10, PPB⁺14, SX12, SD13, WZW⁺19, XYHD17, ZLXW15]. **Graph-Based** [SX12]. **Graphics** [CCLH10, GBA⁺18b, HTA17, LR10, dOPSR16]. **Graphs** [CH11, CL12, CH13, CCH15b, HFZ13, HLWV17, HNB⁺12, LMB13, MBB⁺17, MY10, SBI12, UMN18, ZLJ⁺17, dRV12]. **Gray** [ABA07, BTBB14, BBH12, Jha13, HBAD14]. **Gray-Box** [BTBB14]. **Greedy** [EG11, GLXY13, WTZ⁺19]. **Green** [QML⁺15, LWKA15]. **Greening** [LSHC15]. **Grid** [AD14, WZY16, ZV14]. **Grids** [BR13, HV13, SH12]. **Group** [CLW16b, HFZ13, HL10a, Har13, Hia16, JCM16, LHYZ13, LCCJ13, SJC⁺17a, TKL⁺14, ZYHZ16]. **Grouping** [GWZ⁺10, LBWH11, SDZ15]. **Grow** [DYJ19]. **Grow-and-Prune** [DYJ19]. **Growing** [YCKH16]. **GSV** [MTGM12]. **Guarantee** [AD14, LZ15, LH11, WZLX12, ZWC⁺18]. **Guaranteed** [CWTT13, GY13, KS10a, MLOL15, PKY19, RRS⁺16, RS13]. **Guaranteeing** [NLP⁺14, ZRS⁺16]. **Guarantees** [FS10, HC13b, ZWLS15]. **Guardband** [KAH19]. **Guardbanding** [RBG14]. **Guessing** [XJWW13]. **Guest** [BKP16, CHTD19, DPO17, WHBR16, XL16, AHI12, AISA16, Avr13, BKPMC13, BMM11, BS10, BCS11, BdD19, EM12, GC14, GM11, LLK18, MG11a, MOS14, NST14, ST11a, VP14, ZMS13]. **Guided** [LSG⁺18, LH11, NC11, SRK⁺17, TKT16]. **H** [JAS⁺15]. **H-SVM** [JAS⁺15]. **H.264** [SRK⁺17]. **HALLS** [KA19]. **Hamiltonian** [AB16, HBAD14]. **Handauth** [HBCC13]. **Handling** [CBB19]. **Handover** [HBCC13, JLKR19]. **Hard** [AE11, CW10, CYCC11, EKA17, HV12, HK15a, KMC17, KK10, LP17, MBSSA19,

RCN11, WLY⁺14, WA10, XWL⁺16b].

Hardened [CPRH16]. **Hardening**

[KwPK⁺15, MTGM12]. **Hardness**

[JWH⁺15, XTF⁺12]. **Hardware**

[ADJ12, AVG⁺15, AS10, ADC11, BQP⁺16, BEHL⁺19, BKPMC13, BCSR14, BDMLN16, BCMJ10, CMLRHS13, CVH⁺13, CCAM14, DJJ⁺08, DOS15, DW10, DKK16, ERRMG15, FVV12, GKB⁺10, GBD⁺15, GLP15, GCS⁺13, HFG⁺17, HSA14, HWG⁺14, HCG⁺16, HC17, HGEG11, HNB⁺12, JSC10, JAS⁺15, KAK18, KT12, LK10, Lee12, LH16, LKH16, LCL17, LLW⁺11, LTLC12, LGH⁺17, LLKA19, MGdC⁺18, MSPK12, MLCH10, MGW14, MW10, MRL⁺18, MKRM12, MF14, NDC⁺13, OWP16, OKD⁺16, PC16, ROH17, RWC18, RCK⁺16, RTL⁺18, RM15c, SOM⁺13, SBP⁺14, SKPK10, SDP11, TW10, TB15, TCK⁺18, TGNSC11, THGT13, TS11, USP⁺13, UdDG⁺17, VAN⁺18, VIDH19, WGW⁺15, WHYS16, XMH13, YCK16, ZCZ⁺19, ZZ17, ZYW⁺16, ZL19, ZM17, ZAG19, Zot10]. **Hardware-Assisted** [ADC11, JAS⁺15, LLKA19, RTL⁺18].

Hardware-Based

[MGdC⁺18, OKD⁺16, RM15c, USP⁺13].

Hardware-Efficient [XMH13].

Hardware-Friendly [ZM17].

Hardware/Software [HWG⁺14, JSC10, LK10, LH16, MRL⁺18, WHYS16]. **HARL** [HWSX17]. **Harmonised** [HT16].

Harmony [LYL⁺19]. **Harvesting**

[AS16, CQ14, MMH14]. **Hash** [AR17, AS16, HC13b, LRY⁺15, vdBGLGL⁺16].

Hash-Based [AS16]. **Hashing**

[ASBdS16, BKL⁺13, LLL11, PRM16]. **HDD** [HWS⁺17]. **HDD/SSD** [HWS⁺17].

Healing [CWL⁺17]. **Health**

[BWCW15, GLTC16, XWL⁺16b, ZL18].

Healthy [YSLL16]. **Heating** [CWL⁺17].

Hellman [FHLOJRH18, LNL⁺19].

HEPCloud [RJV⁺18]. **Heterogeneity**

[CCC⁺17, CNJ14, CCK⁺16b, CLMM11, HWS⁺17, HWSX17, LK14, LPD⁺16, XLJ16].

Heterogeneity-Aware

[CNJ14, HWS⁺17, HWSX17].

Heterogeneous

[AQPMS15, AT16, Ano11f, BMP⁺10, BPT10, CFR⁺14, CLS14, CLOL18, CRJZ16, CYC11, CDK⁺18, DSB13, DFP⁺13, FMTK19, FAA10, GY14, GW16, HLA⁺17, JKD⁺19, KPS⁺17, KFB⁺15, KKC17, LRC10, LR18, LXDV17, LTVL15, LZZV16, MYHL16, NEE18, PKC⁺17, PBL16, QWB⁺13, TLZV11, TCHL18, ZLBB19, ZJL⁺16, ZQQ11, ZLLX15, ZMS13].

Heterogeneous-ISA [TCHL18]. **Heuristic**

[JWH⁺15, KCS⁺13, KL13]. **Heuristics**

[IB10]. **Hierarchical**

[BMT14, BBB16, HWCH17, KKY⁺16, NH10, PZZQ19, TLH⁺16, TLB⁺17, ZHW⁺16].

Hierarchy

[DHW⁺19, GO10, LKJ15, OOD⁺17].

Hierarchy-Aware [OOD⁺17]. **High**

[ARM16, AFC10, AS10, ASBdS16, Ano13f, AS12, BGHL19, CCH⁺15a, CLM⁺19, CWY13, CDL⁺17, FFISC13, FEM⁺18, FG10, GZC⁺17, GAFN15, GJ15, GY13, GCS⁺13, HK13a, HZ11, HLY14, IS11, JDA⁺16, JC12, JHQL16, KAH18a, KIJ14, KBH⁺10, KLC18, Kor15, KAK18, KHZ17, LLC⁺16, LS10a, LMJ14, LCL17, LZZ⁺17b, LSG⁺15, MEBS17, MM17, MIS⁺14, MKRM11, MKRM12, NWA12, ORM10, OPV⁺17, OMFH14, PLM16, PP11, PvdGG12, PBT13, QWB⁺13, QLH⁺16, RVL⁺14, RSG⁺19, SMTK12, SCSL12, SME⁺17, Tho12, TCK⁺18, VC10, VAM10, WWY⁺18, WDSP12, XJFH15, YP12, YAG19, ZZ17, ZL16, ZLSI17, ZZJ⁺19, ZMW⁺19, ZCC⁺14].

High-Dimensional [KLC18, MEBS17].

High-Level [GAFN15, MIS⁺14].

High-Performance

[AS12, FG10, GCS⁺13, HLY14, IS11, JC12, JHQL16, KBH⁺10, KAK18, LS10a, LZZ⁺17b, LSG⁺15, MKRM11, MKRM12, ORM10, PP11, PvdGG12, QWB⁺13, RVL⁺14, SCSL12, VAM10, WWY⁺18, YP12,

YAG19, ZZJ⁺19, ZMW⁺19].
High-Precision [BGHL19]. **High-Radix** [AS10, Kor15]. **High-Speed** [ARM16, Ano13f, CCH⁺15a, GJ15, GY13, HK13a, HZ11, NWA12, PBT13].
High-Throughput [AFC10, FFISC13, KAH18a, LCL17, OMFH14]. **Higher** [BMZ17, UHSA17, ZMB18]. **Higher-Order** [BMZ17, ZMB18]. **Highly** [CCP⁺13, GEN⁺17, IBH⁺13, KA19, SZDL14]. **History** [LBN14, Liu11]. **Hoc** [CWZ11, CS15, CWT13, CWY13, DLL⁺12, FS10, GDY15, LYCT10, RDEN10, TH11, XWY10]. **Hole** [Amm14, PC16]. **Holes** [MMB14, WS15].
Holistic [MJW⁺14, STK16]. **Homogeneous** [ML18, TFCY16, ZMRQ11]. **Homomorphic** [CMO⁺16, CJ13, DOS15, KGV16, Kim15, LCLL15, MLW12, MRL⁺18, MBF18, ÖDSS17, RJV⁺18, WHC⁺15a, YCK10].
Hook [MAG⁺17]. **Hop** [LWY15, MWY⁺16, ZY12]. **Hope** [SD18].
Hopping [LWY15]. **Horizontal** [LLD⁺16]. **Host** [CH14, SRCbL⁺15, WFY⁺17, YCW⁺19, ZS13]. **Host-Aware** [YCW⁺19]. **Host-Based** [CH14]. **Host-to-Host** [ZS13].
Hosting [PAP13]. **HotGraph** [ZLJ⁺17]. **Hotspot** [STK16]. **Hotspots** [GBF⁺19]. **HOWP** [LHYZ13]. **HOWP-Based** [LHYZ13]. **HPC** [HLC⁺19, SC18]. **HRC** [WJY⁺17]. **HRT** [WLY⁺14]. **HRT-PLRU** [WLY⁺14]. **HUB** [VMHGN18]. **Human** [OPZ15, SLC⁺15b, WW14].
Human-Centric [SLC⁺15b]. **Hundred** [DJN17]. **HW** [DMK⁺15, MH19]. **HW/SW** [MH19]. **Hybrid** [ARM16, ADI11, AYC16, AFH⁺10, Ano13g, ARM13, BBB⁺17, Cha10b, CC11, CDL⁺17, DHW⁺19, DJA14, ERRM16, FRB⁺18, GD17, GCD⁺11, GY13, HNV19, HWS⁺17, HCL15, HK15b, HV14b, JYL⁺17, KKY⁺16, LBN14, LCL15, LLL11, LLW⁺11, LFH⁺16, LLD19, LKMSA16, LCLC19, MRW⁺15, RVL⁺14, RSNK17, RBG⁺19, SMA19, SPTC15, SME⁺17, SR14, TAH⁺16, VSLD15, WWY⁺16, WGLL13, WS15, WLS18, XXBL17, YY10].
Hybrid-Double [ARM16, ARM13, DJA14, ERRM16].
Hybrid-Memory [BBB⁺17].
Hybrid-Switched [LKMSA16].
Hybrid-Systems [AFH⁺10].
Hybrid-Triple [ERRM16]. **Hydra** [SNY⁺10]. **Hyper** [ADP⁺15].
Hyper-Real-Time [ADP⁺15]. **Hyperbolic** [EG11, dLSGDR17]. **Hypercube** [SKA10, Tsa13, WW14, YLL16, ZWYY15].
Hypercube-Based [WW14].
Hypercube-Like [Tsa13, YLL16].
Hypercubes [CTH14, HTC13, HBAD14].
Hypermesh [HWL⁺14]. **Hyperperiod** [RBR13]. **Hypervisor** [JAS⁺15, SKYK16].
HyVE [DHW⁺19]. **HyWin** [GD17].
I/O [BBP⁺13, DYHX16, GKD⁺17, HWS⁺17, HS18, HQLX15, HLC⁺19, KSJ⁺12, KRP18, LKBS16, SYH17, SHH⁺16, TAH⁺16, ZL16].
I/O-Redirection-Based [HQLX15]. **I/Os** [WZW⁺19, ZLWZ15]. **IaaS** [FLL14, GHL17].
iAware [XLL⁺14]. **IBM** [MBC⁺13].
iBuddy [PCLN15]. **ICCI** [GGFPG15]. **Ice** [ADP⁺15, SVAB14]. **ICs** [SVAB14, XCF16, YEY⁺16]. **ID2S** [YRT⁺16]. **Ideal** [RM15a, SMB⁺15, SWZG11, WCL⁺18].
Identical [OCK17]. **Identifiability** [ZC13].
Identification [BTBB14, LWL⁺16, Pom12b, YXWL16, ZCC⁺14]. **Identifiers** [HT16].
Identifying [lbr16]. **Identity** [FHH10, HSM14, LLC⁺15, XJW⁺16].
Identity-Based [FHH10, HSM14, LLC⁺15, XJW⁺16]. **Idle** [CYL⁺14]. **Idle-Time** [CYL⁺14]. **IEEE** [Ano10d, Ano10e, Ano10b, Ano13e, Ano15a, Ano16a, Ano17a, BKP16, CTS13, HXVQ15, Liu11, NBZP17, SMB⁺15, ZICL12, ZNL18, Ano13c, Ano18a, Ano19a, CHTD19, DPO17].
If [YGS15]. **IIPS** [WZBB15]. **IIR** [VIDH19].

IMA [NLP⁺14]. **Image** [AKL18, FGS⁺15, PTD⁺12, SOM⁺13, TKT16, ZGG⁺16]. **Images** [LHCL13]. **Imaging** [KN13]. **Impact** [CBTU14, GBGI18, KBP13, MKT⁺11, PC10]. **Implement** [CXLL16]. **Implementation** [AFC10, Bai17, BM13a, BDMLN16, CFR⁺14, CS11b, DJJ⁺08, FVV12, FHLOJRH18, FGS⁺13, GKB⁺10, GLP15, GCS⁺13, IDG⁺17, JRC14, KSS12, KMLH11, KGV16, Lee12, LYB15, LCH13, MLE14, MNK11, PRM16, QWB⁺13, RM15a, SDP⁺15, SJS⁺14, SDP11, SS12, YSZ⁺14, Yun12, ZPM⁺15, ZL18, dDLM11]. **Implementations** [BJ10, CMLRHS13, CCRL19, ERRMG15, LGH⁺17, MLCH10, MG16, SMRML17, STE17]. **Implemented** [GTRMG18, RURM18]. **Implementing** [BMS11, CCV⁺11]. **Implication** [Tho15]. **Implications** [SLLG15, WCM⁺16, ZWD⁺16]. **Importance** [YRG13]. **Imprecise** [LGS⁺18]. **Improve** [CJA⁺16, LYCT10, LHH14b, MJWT16, YCK16]. **Improved** [ABH⁺13, BLB⁺19, CNH13, CHCK12, DS14, Fuj11, GPR⁺19, HIJ⁺19, HJF⁺13, LT14, LHPH15, Lee17, LCH⁺15, LCCJ13, MWW14, MLS19, MM17, MG11b, Ose11, Pom12a, RCN11, SJS10, VAM10, WJM15, ZGB⁺15]. **Improvement** [CK11, CZ16, MEBS17, Pom15b, WCM⁺16, ZWD⁺16]. **Improving** [AK19, CDQB15, CHK10, Fen14, HGCT13, JZLD10, KLK18, LK14, LKK⁺17, LR18, LLW⁺11, LCY⁺16, Pom16b, RKR15, SMK⁺16, WZL⁺17, WJF⁺11, XLC14, YyHL11, YCW⁺19, ZHM⁺19]. **Impulse** [LHCL13]. **In-Cache** [GGFPG15]. **In-Line** [ROGHNB⁺18]. **In-Memory** [CLOL18, GIKR19, SSGB19, SCZ⁺16, ZCZ⁺19, ZHGX19]. **In-Memory-Computation** [AAR19]. **In-Network** [VBR⁺13]. **In-Order** [RRK11]. **In-Place** [LNCX18]. **In-Situ** [NY15]. **In-System** [SN16]. **In-the-Field** [MLS19]. **Incentive** [FLJ14]. **Incoming** [Lou19]. **Incomplete** [NS13]. **Incorporating** [SRCK10]. **Increased** [PRM16]. **Increasing** [CRG⁺13, DY14, MMAC19, NLP⁺14]. **Incremental** [BC16, CLW⁺16a, DLC⁺13, TC14]. **Independent** [DEE17, MPZ15, MKRM10, TYWC10, Tse12, USP⁺13, VED⁺16, YCKH16]. **Index** [AKJ⁺13, Ano11a, Ano12a, Ano13a, Ano14a, Ano15a, Ano16a, Ano17a, Ano18a, Ano19a, DALD18, KLK17, KLC18, SJD⁺18]. **Index-Based** [KLK17]. **Index-Digit** [DALD18]. **Indexing** [GYC⁺16, RXC⁺15, WYL⁺15, XJFH15]. **Individual** [dRV12]. **Induced** [DSG⁺19, GBA18a, HK16, KWC⁺16, ST16, dOPSR16]. **Inductions** [LDP10]. **Inductive** [TMS⁺14, YEY⁺16]. **Inductive-Coupling** [TMS⁺14]. **Industrial** [SXLC15]. **Inefficiency** [LZW⁺15]. **Inexact** [AKL18, LCW⁺16]. **Infected** [YKK⁺15]. **Inference** [LJVJ18, NY19, XP10]. **Information** [CWTT13, GGFP15, HCSW15, LOH17, LKLT12, OPAGS14, RKN⁺18, SLL15, WHC⁺15b]. **Information-Centric** [LOH17]. **Infrastructure** [HLF14, MCC12, WZBB15, XH16]. **Inherently** [SKA10]. **Inheritance** [BGRH15]. **Inherited** [HH17]. **Injection** [EGVFC⁺12, PNKI13, YLY⁺15a]. **Injections** [SBMP18]. **Inline** [WWY⁺18]. **Innovation** [DPO17]. **Input** [ACGP13, BGMR13, Ibr16, NCD⁺17, SJS10, ZWLS15]. **Input-Queued** [ACGP13, BGMR13]. **Input/Multi** [TWTT11]. **Inputs** [BCK⁺16]. **Insensitive** [OMFH14, XSR15]. **Insertion** [JSC⁺19, YTND12]. **Inspection** [LW13, LPCW14, ROGHNB⁺18]. **Inspired** [LSZ⁺15, PBL16, SCJ⁺16b]. **Instance** [JT15]. **Instant** [YXZZ14]. **Instantiating** [CMRH17]. **Instruction** [DZ10, GBF⁺19, JLKR19, LYH11, LSA⁺17, MKT⁺11, MIS⁺14, RS17, SMAR⁺19,

TCK⁺18, ZYY18]. **Instruction-Based** [ZYY18]. **Instruction-Level** [MKT⁺11]. **Instruction-Set** [LSA⁺17]. **Instructions** [IS14, JL11, LSC11, USP⁺13]. **Instrumentation** [GBF⁺19, GDJZ18]. **Instrumentation-Free** [GDJZ18]. **Integer** [ADJ12, CL10, CZS⁺19, CND⁺18, GNTS13, MCT19, RV13, ROH17, TGNSC11, UddG⁺17, WHL⁺12]. **Integers** [MG11b]. **Integral** [ZOK⁺19]. **Integrated** [ASS⁺18, CWZC13, CKN14, DYHX16, DAPS14, GWMB13, LSW15, TS11, ZLYS15]. **Integrating** [HSH⁺10, WZZ10]. **Integration** [ALW11, DFP⁺13, LKK⁺19, LVF19, VGF16]. **Integrity** [JCM16]. **Intelligence** [JRP⁺14, SLC15a]. **Intelligent** [FMTK19, MFT⁺17, STK16]. **Intensive** [RLSK18, WSZ⁺16, WGR⁺14, YZHX12]. **Inter** [cCWS14, SMN⁺17]. **Inter-Application** [cCWS14]. **Interacting** [YMT13]. **Interaction** [TZL⁺14]. **Interactions** [cCWS14]. **Interactive** [ZT15]. **Interconnect** [KL13, ZGY14]. **Interconnected** [LKT13]. **Interconnecting** [LW15]. **Interconnection** [CMB13, CTD⁺16, FB13, SRR⁺16, SMN⁺17, Ste14]. **Interconnects** [AKL14, DCY⁺13, FAA10, HJBM14, PVKA14, SC18]. **Intercore** [WLQS13]. **Interdependent** [HWSN15]. **Interface** [DDN14, DRS⁺16, SBP⁺14]. **Interface-Based** [DRS⁺16]. **Interfaces** [Hie13]. **Interference** [HWK15, LGF⁺15, PC10, XWL⁺16a, XLL⁺14, XLJ16]. **Interference-Aware** [XWL⁺16a, XLL⁺14, XLJ16]. **Interlaced** [FF16]. **Interleaved** [KVV10]. **Interleaving** [CVGZ15, KS10a]. **Internal** [GJ15, HK13a, KWC⁺16]. **Internet** [CLX14, CAGM14, LHH14b, LGH⁺17, PPB⁺14, XLF15, YZF⁺10]. **Internet-Based** [CAGM14]. **Internode** [YLA10]. **Interplay** [DA12, GHK15, HXL11, ZZX⁺15]. **Interpolation** [WEX14]. **Interrupt** [LLW⁺11]. **Interrupts** [LLW⁺11]. **Interval** [Joh17, RT14]. **Intra** [SRR⁺16, SMN⁺17, WZK⁺19]. **Intra-Chip** [SRR⁺16, SMN⁺17]. **Intra-Cluster** [WZK⁺19]. **Introducing** [SAR⁺11]. **Introduction** [AHI12, AISA16, BKPMC13, BMM11, BS10, BCS11, BdD19, EM12, GC14, GM11, HMO⁺17, LLK18, MG11a, MOS14, NST14, ST11a, VP14, ZMS13, Avr13]. **Intrusion** [AHNT16, CH14, PBT13, VSF⁺17]. **Intrusive** [TJX⁺17]. **Invalidations** [ADC11]. **Invariant** [MG11b]. **Invasive** [ADJG19]. **Inventory** [CKN14]. **Inverse** [MKRM11, PCLN15, RMERM19]. **Inverses** [Dum14, Wal19]. **Inversion** [BT16, DJA14, LLHC15]. **Inversions** [JDA15]. **Investigating** [Amm14]. **Investigation** [CJ12]. **Invocation** [RQ14]. **IO** [SKC⁺14]. **IoD** [DHC⁺16]. **IOMMU** [VMB19]. **IP** [CLS10, CKKS14, HY12, HH17, JP13, LYS10, LS10c, ML16, WZBB15, YZGG16]. **IPs** [NDG⁺17, BFP11]. **IPv4** [KCS14, LP12]. **IPv4/IPv6** [KCS14]. **IPv4/v6** [LP12]. **IPv6** [KCS14]. **Iran** [JGG⁺14]. **Irreducible** [Fan16, HF15]. **ISA** [GGSPM18, MIS⁺14, TCHL18]. **Ising** [ZCW18]. **Islands** [OKC13]. **Iso** [SRHC12]. **Iso-Power** [SRHC12]. **Isogeny** [BF19, FHLOJRH18, KAK18, LNL⁺19, ZSP⁺19]. **Isogeny-Based** [BF19, KAK18, ZSP⁺19]. **Isolation** [HGCT13, MGdC⁺18, WZL15, YYP⁺16]. **Isomorphism** [ZYHZ16]. **ISRA** [LBWH11]. **ISRA-Based** [LBWH11]. **Issue** [GC14, HMO⁺17, LLK18, VP14]. **Issues** [RT14, TKL⁺14]. **Iteration** [Dum14, FMTK19, PP16, Wal19]. **Iterations** [BBK10]. **Iterative** [CG18, FTP13, TC16, VB13]. **Itinerary** [LLCH13]. **Itinerary-Based** [LLCH13].

Ivan [Zom15b].

Java [CCH11]. **JEM** [JAJK15]. **Jitter** [MAHD18]. **Job** [SL14b, YLH10]. **Jobs** [BBD⁺12, NL16c]. **Join** [LOX⁺13]. **Joining** [Año10b]. **Joint** [BKP16, DPO17, GDY15, HKWC14, HGL⁺15, ZGG⁺16]. **Journal** [Lom10, Mon15b, Mon16, MMC⁺16, Mon17, Mon18, Mon19, Zom11b, Zom11a, Zom12b, Zom12c, Zom13, Zom15a]. **Journaling** [CCC⁺18, LYB15, ZFHC19]. **JPEG** [HHCH11]. **Just** [HZW⁺12, JAJK15, VIDH19]. **Just-in-Time** [HZW⁺12].

Kalman [Red14]. **Kalray** [IDG⁺17]. **Karatsuba** [LMZQ17, LPW10, MRL⁺18, Ose11]. **Karatsuba-Based** [LPW10]. **Karatsuba-Like** [Ose11]. **KASE** [CLW16b]. **Keccak** [RS17]. **Kernel** [BDM⁺19, JCK15, SWWC11]. **Kernels** [XP10]. **Key** [ASM⁺16, AFC10, CJ13, EFGT18, FHLOJRH18, GDLL18, HL10a, HWZ⁺17, Kim15, LCLL15, LCwW10, LHYZ13, LCCJ13, PSM17, RVH⁺16, RNS13, SMRM17, SWM⁺10, SD18, WCL⁺18, XJWW13, YRT⁺16, ZSP⁺19, CLW16b]. **Key-Aggregate** [PSM17, CLW16b]. **Key-Policy** [RVH⁺16]. **Key-Value** [ASM⁺16]. **Keyed** [KE19]. **Keys** [ASM⁺16, PSM17]. **Keyword** [XJWW13, ZLX⁺16]. **Kiel** [LvH12]. **Kleene** [DSB13]. **Knowledge** [SLLG15, SDZ15]. **Koblitz** [Lee12, ADJ12, BJ10, DJJ⁺08, TX16]. **Krivine** [MRD19].

L0 [LK15b]. **L1** [EF12, HK16, SV18, VPS⁺12]. **L2** [SV18]. **Label** [LCL15]. **LACS** [KS14]. **Lags** [CFMS14]. **Lanczos** [JCK15]. **Land** [DAPS14, LMB17]. **Land-Use** [DAPS14]. **Lane** [HHC⁺18]. **Language** [ASE17].

LANs [GY16, XHZ14]. **Large** [AISA16, BMT14, CYJ⁺10, CL12, CQW⁺15, CXLL16, CLW⁺16a, DALD18, FFCB14, Fin10, GDC⁺16, GV15, GY16, HZW⁺12, JKY10, LBSK17, LP13a, LS10a, LDB⁺17, L XK12, LXZ⁺15, LQD⁺16, MCXZ18, MC11, NM10, PDXZ13, ROH17, SSGb19, WS15, WJM15, XHLW19, ZCZL16, ZWC⁺18, ZYY10]. **Large-Capacity** [PDXZ13, XHLW19]. **Large-Scale** [CQW⁺15, FFCB14, GY16, JKY10, LP13a, LS10a, L XK12, LQD⁺16, MCXZ18, WJM15, ZCZL16, ZWC⁺18]. **Last** [CCE⁺18, KIJ14, KKC15b, KA19, LCLC19, YMG15, ZJS14]. **Last-Level** [KIJ14, KKC15b, LCLC19, YMG15]. **Latch** [SB16, ZZ17]. **Latch-Based** [ZZ17]. **Latches** [ORM10]. **Late** [KKH⁺14]. **Latencies** [LLW⁺11]. **Latency** [ADOKM10, CLL⁺14, CYL⁺14, FFISC13, GY13, KGP15, LR13, LYS14, MKAY11, NLP⁺14, NL19, PLM16, PB11, QSYS16, RZPX19, RM15b, SL10, SCJ⁺16b, SR14, WMW12, XSR15, YCCJ15, ZLW⁺17]. **Latent** [CJ12]. **Latin** [NL15a, DRM16]. **Lattice** [EFGT18, GLP15, HKR⁺18]. **Lattice-Based** [EFGT18, GLP15, HKR⁺18]. **Lattices** [AR12, GPR⁺19, MEBS17]. **Law** [CA12a, YMG16]. **LAWC** [GKD⁺17]. **Laws** [WJL⁺12]. **Layer** [CC11, GY16, KCW⁺17, LLW⁺18, PRGBSAC19, RCK⁺16, SVD18, SDE⁺17, VSC⁺19, YCK16]. **Layered** [BS14]. **LayeredTrees** [CKKS14]. **Layers** [RWZZ14]. **Layout** [AKJ⁺13, GKD⁺17, HWSX17, HT12, LZZ17a, PVKA14, SWZG11, ZZL14, ZWW19]. **Layout-Aware** [GKD⁺17, PVKA14]. **LCP** [WNCH17]. **LDet** [CCL⁺13]. **LDPC** [CMM15, LLC⁺16]. **LEAD** [SKEB18]. **Leakage** [Bar16, CYCC11, GDLL18, LVMS18, LGMP10, MKM14, SRCK10, ST16, WWY⁺16, WWT⁺18]. **Leakage-Aware** [MKM14, WWT⁺18]. **Leaks** [CATB19]. **Learning** [Bar16, CM11, DYHX16, FMTK19, FCB⁺19,

GBA⁺18b, JKD⁺19, LPL⁺13, LK18, LH11, MFT⁺17, WP16, ZYC16, ZM17].

Learning-Based [JKD⁺19].

Learning-to-Rank [LPL⁺13]. **Least** [LR13]. **Least-Latency** [LR13]. **Leaving** [MWLJ15]. **Lee** [Jha13, ABA07]. **Legacy** [TJX⁺17]. **Length** [ASM⁺16, Fen14, Pom12a, RS13, SRK⁺17, WTY⁺14, XMH13, YLP15]. **LEO** [LZS⁺13].

Less [HLC⁺19, WBG19]. **Level** [ARM16, AJH15, AE11, Ano11f, BCL⁺17, BPT10, BS10, BM13b, CCC⁺17, CCW⁺10, CQW⁺15, cCWS14, ERRM16, GAFN15, GWM⁺17, HWSX17, HGW⁺17, JRJ⁺18, JPLP13, KIJ14, KGP15, KO14, KLC⁺16, KKC15b, KA19, LK10, LR16, LLW⁺11, LCLC19, MKT⁺11, MIS⁺14, NL15b, NL16a, NWA11, NL16c, OKD⁺16, PNKI13, SJC⁺17a, SJC⁺17b, VSLD15, WP16, XP10, XZL⁺19, XLL⁺18, YSL16, YMG15, ZGR13, ZJS14, ZMS13, NL19]. **Leveling** [CHK10, DY14]. **Levelled** [LRY⁺15].

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LFSR [AK16, LCH13]. **Lifetime** [AK19, CBTU14, FKMK16, GGL⁺14, JSH⁺17, KKL18, LK16a, SMA19, WWM16, YyHL11].

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Light [SWF⁺19]. **Light-Weight** [SWF⁺19].

Lightweight [BFMT16, BDM⁺19, BKL⁺13, CXLX15, KAH18a, KE19, LSG⁺15, RLSK18, STE17, SL13, VBR⁺13, VAN⁺18]. **Like** [DJN17, LYCT10, LJY⁺15, Ose11, Tsa13, YLL16]. **Likelihood** [DAPS14, LCT11].

Lilliput [BFMT16, ST18a]. **Limitation** [Lee17]. **Limited** [EBE13, RF14, TCK⁺18].

Limits [BK12]. **Line** [BCSR14, BCD⁺16, FSPD16, GY14, LJY⁺15, MG11a, NZLK14, ROGHNB⁺18].

Line-Like [LJY⁺15]. **Linear** [BCM10, CC16, DP13, DEE17, HWL⁺14, HCC⁺12, KO14, LLQ⁺14, NZC11, PvdGG12, WHL⁺12, WRW16, XXBL17].

Linearly [ST18a]. **Lines** [AGFM11, DSR15].

Link [GY16, GLH⁺19, LGF⁺15, SRCbL⁺15, WTY⁺14, YCCWC15, ZC13]. **Link-Layer** [GY16]. **Link-Length** [WTY⁺14]. **Links** [CA12a, GHG⁺14, PRGBSAC19, TMS⁺14, YMK⁺17]. **Liquid** [SVAB14].

Liquid-Cooled [SVAB14]. **List** [Ano10a, Ano11b, Ano12b, Ano13b, Ano14b, Ano15b, Ano17b, Ano18b, Ano19b, Ano16b].

Lithography [LZZ17a]. **Little** [JYL⁺17].

Live [ECJ⁺16, XLL⁺14, ZRS⁺16]. **Lizard** [MSS⁺18]. **LNS** [CI16]. **Load** [ADOKM10, BR13, CLS14, HC13b, HHW⁺18, JLC10, JC11, JR17, KRP18, PBL16, Pom12c, QJM⁺10, RKZ16, SKPC15, SMTK12, SLS⁺12, XAYL15, XLF15, YCLH16, ZV14].

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Load-Demand [XLF15]. **Loaded** [JC11].

Loading [SRCK10]. **Loads** [CC16, ZR15b].

Local [AVG⁺15, BWV15, CFL⁺18, HCH15, LKT13, LWL⁺16, LCW⁺15, LMT13, PTD⁺12, ZDP⁺15, ZL15]. **Local-Deadline** [HCH15]. **Local-Recoding** [ZDP⁺15].

Locality [CG18, FBWMM13, GZC⁺17, HWZ⁺17, HXVF12, JZLD10, KS14, KGGJ14, LCY⁺16, QZC15, QGPZ13, SH12, XJFH15, ZJS14].

Locality-Aware [CG18, HWZ⁺17, JZLD10, KS14].

Locality-Preserving [SH12].

Locality-Sensitive [HXVF12, QZC15, QGPZ13].

Localization [AEKT15, JGHD11, LYOB15, MWWT13, XLW14, YZF⁺10].

Localized [MMB14, YyHL11, YLA10].

Location [CWTT13, KLK⁺14, LCT11, LHY13, ZZX⁺15, ZLYS15].

Location-Aware [CWTT13].

Location-Based [ZLYS15].

Location-Oblivious [KLK⁺14].

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Log-Block [GWM⁺17].

Log-Structured [MLE14].

Logarithm [Bra10, LP17, VB13]. **Logarithmic** [AC11, CHCK12, FML10, KBP13, LOC⁺16, LJ15]. **Logarithms** [LOC⁺16]. **Logging** [YHT⁺16]. **Logic** [AR12, AD16, AGCD16, BDDL18, BGPV10, Cil11, CCLH10, EKA17, EFPC16, ISC15, Ibr16, LWK11, NI11, NYHB16, Pom14, PSL17, QLR⁺11, RMKR12, RZZ⁺15, RLRL19, ST12, SKM⁺13, Tho15, TLL12, ZMR⁺13, ZJH⁺14]. **Logic-Chain** [TLL12]. **Logical** [LLQ⁺14]. **Logics** [FLS16, GSF⁺10]. **Long** [WXLL13, WXLY15, XLW14]. **Long-Bounded** [XLW14]. **Longest** [CWZC13, LLLP14]. **Look** [DJN17]. **Lookup** [HY12, JP13, LP12, LYS10, ML16, dLSGDR17]. **Lookups** [CLS10, CKKS14]. **Loop** [BBK10, CS11a, DZ10, EFGT18, GLXY13, KGC14, QLH⁺16]. **Loop-Abort** [EFGT18]. **Loop-Based** [DZ10]. **Loosely** [PBL16]. **Loss** [KCY18, SRR⁺16]. **Loss-Aware** [SRR⁺16]. **Lossless** [XDZ11]. **Lossy** [DN11, GDY15, LLZ⁺17, dRV12]. **Low** [AH10, ACW⁺11, AVS⁺14, AS12, ARM13, BDDL18, BR13, CMLS15, CSCW13, CJA⁺16, CLL⁺14, CJK19, CYL⁺14, FFISC13, FHW18, GC16, GNSR14, GHG⁺14, HN11, HK15a, HMS⁺12, JCK15, JHQL16, JLLH19, KLK⁺14, KBP13, KHZ17, LK15a, LYS14, LCL17, LOC⁺16, MKT⁺11, MKFM13, MAD14, MKAY11, MKRM11, NCD⁺17, NC11, ORBM13, OPAGS14, OKD⁺16, PLM16, PvdGG12, PPP13, PRBM13, PROM15, QSYS16, QLH⁺16, RZPX19, RBMO11, RM15b, SP16, SKH16, SL10, SR14, SBI12, TW10, TKT16, WWY⁺16, XJFT16, YAG19, ZOK⁺19, ZM10]. **Low-Complexity** [ARM13, OPAGS14]. **Low-Cost** [HK15a, HMS⁺12, MKFM13, TKT16]. **Low-Duty-Cycle** [GHG⁺14]. **Low-Error** [LOC⁺16]. **Low-Latency** [CLL⁺14, FFISC13, LYS14, MKAY11, QSYS16, RZPX19, RM15b, SL10]. **Low-Level** [MKT⁺11, OKD⁺16]. **Low-Memory** [LYS14]. **Low-Overhead** [KLK⁺14, PPP13]. **Low-Power** [GC16, JHQL16, JLLH19, KBP13, LK15a, LCL17, MKRM11, NC11, PvdGG12, SP16, SKH16, YAG19]. **Low-Profile** [AVS⁺14]. **Low-Voltage** [ACW⁺11]. **Lower** [Fuj11]. **LRW** [CFMA19]. **LS** [QGPZ13]. **LS-Sig** [QGPZ13]. **LU** [JC12, WDSP12]. **Lubricating** [TZL⁺14]. **Lyra2** [ASBdS16]. **m*** [AKJ⁺13]. **m*-Tree** [AKJ⁺13]. **MAC** [Kim15, LCLL15, CCRL19, CJ13, DMA⁺15, HWK15, HWX15, LMC⁺15, SMB⁺15]. **Machine** [JJK⁺11, LT15, MSG14, Man16, RSN⁺18, VTW16, XLJ16, ZRS⁺16, ZL18, ZJXL11]. **Machines** [APP12, DKW15, ECJ⁺16, Hie11, Hie13, JAS⁺15, JKJ⁺10, KJL11, KP15, KT12, LLQ⁺14, Pip11, SCSL12, SP10, WGLL13, WZL15, WLLZ16, XLL⁺14]. **Macho** [MHK15]. **Macro** [JC11]. **Macrocell** [SBP⁺14]. **Macrocells** [VPS⁺12]. **Macrochip** [ZGY14]. **Macroprogramming** [PP10]. **MACs** [AP14]. **Made** [SD18]. **Magnetic** [WFY⁺17]. **Magnitude** [EBE13, KN11a]. **Magny** [RCFP⁺12]. **Magny-Cours** [RCFP⁺12]. **Main** [GBGI18, HNV19, HZX⁺14, JYL⁺17, SMA19]. **Maintaining** [LHC⁺14, LXL⁺13, LcZLG19, RHC⁺14]. **Maintenance** [CSJ⁺11, FEP⁺12, LCX⁺16, SLC15a]. **Majority** [AGCD16, PSL17, RLRL19, TSA⁺19]. **Majority-Logic** [AGCD16]. **Making** [XLL⁺14]. **Malicious** [SWWC11, TM18]. **Malleability** [MBC⁺13]. **Malleable** [SIVH16]. **Malware** [CXZ13, OKD⁺16]. **Malwise** [CXZ13]. **Managed** [ASE17]. **Management** [AO11, AE11, ARS16, BLN⁺15, BBP⁺13, CVPS19, CK11, CCY⁺16, CKH15, CGL⁺13, CCP⁺13, Cro14, DYW15, DA12, DGC⁺15,

EKJ⁺10, FFCB14, FBR⁺12, FAA10, GWMB13, GBD⁺15, GWM⁺17, HMR⁺17, HWZ⁺12, HNV19, HWZ⁺17, JAJK15, KIJ14, KPS⁺17, KFB⁺15, KSJ⁺12, KCRG14, KKJH19, KL16, LKLM15, LSA18, LZZZ13, LLD⁺16, LHTG15, LWH⁺16, LPL10, MM16, MOYB12, ML13, MTBB10, RDN10, SSJ⁺18, SIVH16, SYK14, SBW⁺16, WP16, WSZ⁺16, WW16, WJY⁺17, WGLL13, XLS⁺12, YYP⁺16, ZJS14, ZL16, ZDYZ13, ZDYZ14]. **Management/Monitoring** [CCP⁺13]. **Manager** [XHLW19]. **Maneuvering** [WF14]. **Manipulation** [VGF16]. **Many** [BLKM⁺18, DYW15, DYHX16, GP14, HRM⁺16, HMR⁺17, KP13, LYT⁺16, LB13, MMC15, RVC⁺15, WSL⁺18, WhCCC12, ZCY⁺16]. **Many-Core** [BLKM⁺18, DYW15, DYHX16, GP14, HRM⁺16, LB13, RVC⁺15, SNM16, WTZ⁺19, WhCCC12, ZCY⁺16]. **Many-Cores** [HMR⁺17]. **Many-to-Many** [KP13]. **Manycore** [CA12b, CDK⁺18, JKD⁺19, LY18, PKC⁺17]. **Manycores** [MYHL16]. **Map** [THGT13]. **Mapped** [SNY⁺10]. **Mapping** [CABZM18, CQW⁺15, CCK⁺16b, GSG⁺15, HNB⁺12, JK15, KN12, LKJ15, LSC11, LYJ⁺18, MMCS18, OOD⁺17, PP10, TSA⁺19, YCKH16, YLGD19, ZCZ⁺19, ZCY⁺16]. **Mappings** [MC11]. **MapReduce** [CSPC12, CZL⁺17, JSE14, LZA⁺16, XLC14, YWQX15, ZDP⁺15]. **MAPS** [KAH⁺15]. **MAR** [WSZ⁺16]. **Marathon** [DJN17]. **March** [CSW⁺15]. **Marginal** [LY17]. **Margins** [CTL⁺17]. **mARGOt** [GVPS19]. **Market** [FLL14]. **Markets** [BBVL14]. **Marking** [FBR⁺12, YZGG16]. **Markov** [MTFK19, ZOD13]. **Mashup** [ZCL⁺16]. **Masking** [KCY18, KN11b, LHL13a, ORBM13, USH19]. **Massey** [Red14]. **Massive** [BSM⁺14, CLW⁺15, WGR⁺14]. **Massively** [KAH⁺15]. **Master** [CAGM14]. **Master-Worker** [CAGM14]. **Mastrovito** [ARM16, LMZQ17]. **Match** [CW16]. **Matching** [CWZC13, DYW15, GBA18a, LP13a, LH12a, LLLP14, LLCC13, LBS15, MGW14, RSG⁺19, YP12, Yun12, ZS13, ZLN11, ZYY18]. **Matrices** [CJK15, IRMM⁺16]. **Matrix** [BFMT16, CNH13, CLL⁺14, HF15, HMNN12, HN13, IRMM⁺16, KEK16, KHZ17, NZ15, PCHS16, PCHS18, PGvdG14, RM15b]. **Matrix-Vector** [HF15, PCHS18, RM15b]. **Max** [LZ14, XLL15]. **Max-Bisection** [LZ14]. **Maximization** [LMC⁺15, MLOL15, RLX15]. **Maximizing** [AGFM11, CS15, GSK12, WL13]. **Maximum** [AT16, DAPS14, GPN11, LCT11, LCW⁺15, YCZ10, YUGD14]. **Maximum-Likelihood** [DAPS14]. **Maxterm** [YHH⁺12]. **MBs** [CLZ19]. **MBU** [WNKL16]. **MC** [LRP⁺18]. **MC-Fluid** [LRP⁺18]. **McEliece** [GV14, SWM⁺10]. **McLaughlin** [DCCK18, GL19]. **MCMC** [LMB17, MB16]. **MDPC** [HC17]. **MDRUs** [MTFK19]. **MDS** [FSL⁺17]. **Me** [YGS15, CXLL16]. **Me-CLOCK** [CXLL16]. **Mean** [GPN11]. **Meandering** [AEKT15]. **Measure** [SRCbL⁺15]. **Measurement** [NL14, SQJ⁺15, WS14]. **Measurements** [KGC14]. **Measures** [AD10]. **Measuring** [CFMS14, GNSR14]. **Mechanism** [DKK16, HK15a, JC11, KLKL13, LL11, LLS⁺16, MNGV16, NZ14, PR14, SWWC11, WZLS16, Zot10]. **Mechanisms** [BPBBL13, BCC⁺16, CAGM14, FLJ14, HZL⁺16, KSEG15, MFG16, MFG14]. **Media** [KLLK11, YW12]. **Medical** [FGS⁺15]. **Meets** [CXYC16, RBG⁺19, MOS14]. **Membership** [FHR14, HXVF12]. **Memetic** [LZ14]. **MemFlex** [ZLSI17]. **Memoriam** [Zom15b]. **Memories** [AVG⁺15, CMM15, DPS11, GBGI18, HTH15, HZX⁺14, JSA17, LLW⁺17, LGMP10, NL16a, PO13, SMA19, SMRM17, SKH16, VCG⁺12, WNKL16, ZYZ14, vdBGLGL⁺16].

Memory [ALBP14, AAR19, AKJ⁺13, ASBdS16, AISA16, AKTB18, AH13, BQP⁺16, BD15, BPG16, BBB⁺17, CFL⁺18, CVPS19, CVMA10, CK11, CHH⁺13, Cha14, CCK⁺16a, CHTD19, CXLL16, CWL⁺17, CLOL18, CLM⁺19, CLZ19, CC11, CRG⁺13, DYHX16, DHW⁺19, DMK⁺15, DSG⁺19, DCV⁺12, DY14, DW10, EKJ⁺10, FYSK14, FZL⁺14, Fin10, GBO⁺16, GGA⁺17, GBD⁺15, GDJZ18, GWM⁺17, GNSR14, GIKR19, HCY18, HCCG10, HPR16, HNV19, HGCT13, HHKW12, HCC⁺12, HWZ⁺17, IS11, IS14, JJK⁺11, JSC⁺17, JSC⁺19, JYL⁺17, KLLK11, KCRG14, KO14, KAH⁺15, KKJH19, KCS14, LP13a, LCC10, LMNP11, LKLK13, LBN14, LK14, LYB15, LWKA15, LH16, LK16b, LKH16, LKK⁺19, LR10, LXW⁺19, LYS14, LWL⁺16, LLD⁺16, LZZ⁺17b, LJ13, MMC15, MWZ⁺17, MB12a, MBD⁺17, NKEM11, NL15a, NL19, OGH⁺14, PLM16, PDXZ13, PN16, PPKW12, PCLN15, PKY19, PRM19, QML⁺15, QGPZ13, RCC14, ROGHNB⁺18, SSGB19, SNY⁺10, SCZ⁺16, SJD⁺18]. **Memory** [SPC⁺18, SP12, SRHC12, SBW⁺16, SZL⁺16, TPR16, UMN18, VSC⁺19, VKS⁺16, VTW16, VAN⁺18, VMB19, WZLX12, WS14, WGW⁺15, WWY⁺16, WWY⁺18, WLY⁺14, WFT⁺19, WDSP12, WSXZ13, XZL⁺19, XHLW19, YWW⁺16, YPB⁺16, YYW⁺16, YYC12, YYP⁺16, YAGB17, ZCZ⁺19, ZL16, ZLSI17, ZFHC19, ZOK⁺19, ZHQX19, OWP16]. **Memory-Aware** [JJK⁺11]. **MEMORY-Based** [OWP16]. **Memory-Centric** [BQP⁺16, YPB⁺16]. **Memory-Efficient** [CXLL16, KCS14, LP13a, LJ13]. **Memory-Processor** [MBD⁺17]. **Memristive** [RMKR12]. **Memristor** [HTH15, RKR15, SKM⁺13]. **Memristor-Based** [HTH15, RKR15, SKM⁺13]. **Memristors** [RKR15]. **Merge** [LBSK17]. **Merged** [DKG13]. **Mergesort** [LRP16]. **Merkle** [LRY⁺15]. **Mesh** [CHC⁺15, GSH⁺14, GP14, RKZ16, SZS14, TLP18, WLS18, ZR15b, ZBW17]. **Mesh-Based** [CHC⁺15, WLS18]. **Meshes** [CS11a, Zot10]. **Mesoscale** [XYF⁺15]. **Message** [AEP18, FAA10, LCT11, WGZ⁺15, Zom12a]. **Message-Efficient** [LCT11]. **Metadata** [GWZ⁺10, PP11]. **Metaheuristic** [LMT13]. **Metal** [YXZZ14]. **Metastability** [FFL18]. **Metastability-Containing** [FFL18]. **Meter** [DJN17]. **Method** [BCK⁺16, CYL⁺14, DAS14, GKB⁺10, HN13, JCK15, KRP18, KEK16, KS10b, KL13, LZZ17a, LXK12, LJ13, MRW⁺15, MH19, NTR14, OHCK17, OCK17, PP14, PCHS16, PB11, RSU17, RSNK17, SB10, SL13, ST12, SZDL14, USH19, WWT⁺18, WTZ⁺19, WYL⁺15, WLG⁺19]. **Methodology** [BGM⁺13, BMS11, CSCW13, GBA⁺18b, Iko15, JAJK15, JJC14, LKJ15, MNFA14, PWTS16, RTRM19, RRS⁺16, RBG⁺19, WS14, ZGR13]. **Methods** [AE11, AS16, DS14, EDL⁺14, FBE⁺18, KVV10, LCY⁺13, ROH17, WNCH17, WLS18, ZOD13]. **Metric** [ABA07, Jha13, OP15, Pom13a, SIB13, WS14, ZWX12]. **Metrics** [EYBK15, GSF⁺10, LHL13b]. **MIC** [XYF⁺15]. **Micro** [DEE17, KAH18a, RM15a, VED⁺16, YEG⁺15]. **Micro-Architectural** [RM15a]. **Micro-Architecture** [DEE17, KAH18a, VED⁺16, YEG⁺15]. **Microarchitectural** [CVMA10, DJO11, JCY⁺13, LDP10]. **Microarchitecture** [CPRH16, LCH13, PVKA14]. **Microarchitectures** [BPG16]. **Microarray** [GAC14]. **Microbiome** [LDB⁺17]. **Microcontroller** [PRM19]. **Microcontrollers** [BCD⁺16]. **Microeconomic** [NH10]. **Microprocessor** [BCSR14, CPRH16, DYW15, DYHX16, KMJ⁺11, MKT⁺11, SDP⁺12, VSC⁺19].

Microprocessor-Based [SDP⁺12].

Microprocessors

[EGVFC⁺12, FRB⁺18, KKC15b, MTGM12, MMTM15, OPV⁺17, SNM16].

Microprotocol [VECD13]. **Midpoint**

[Joh17]. **Midpoints** [JLMP11]. **Migrating**

[YLH10]. **Migration**

[GBO⁺16, HV14a, LR18, LLX⁺17, LCLC19, MRW⁺15, RSNK17, RSN⁺18, TKL⁺14, WJM15, XLL⁺14, ZRS⁺16]. **Migrations**

[LWH⁺16]. **MIHST** [BCSR14]. **Miller**

[LT14]. **Millimeter** [DCY⁺13].

Millimeter-Wave [DCY⁺13]. **MIMD**

[NVB16]. **Mimicking** [YGS15]. **MIMO**

[CWY13, LZ15]. **Min** [GLH⁺19, XLL15].

Min-Entropy [GLH⁺19]. **Min-Max**

[XLL15]. **Mini** [FZL⁺14]. **Mini-Rank**

[FZL⁺14]. **Miniaturized** [GJ14].

MiniBench [YEG⁺15]. **Minimal**

[ARH⁺18, EDL⁺14, HHKW12, MKLW14,

RBR13, SBM15, SJD⁺18, SG12, ZBW17].

Minimal-Memory [HHKW12]. **MINIME**

[DSKH15]. **Minimization** [BCTV19, Cha14,

LHL⁺15a, LGMP10, XSR15, ZLG⁺15].

Minimizing

[DSG⁺19, HT12, RSNK17, YCZ10, ZC13].

Minimum [DVUS14, FEP⁺12, GPN11,

KHPP16, KLT16, LYY16, LSX13, QPG10,

SG13, WTY⁺14, WCLY16, YLY15b].

Mining [HBR11, RGK15, SKC⁺14]. **Minus**

[BT16]. **Miss** [LK15b, SV18]. **Misses**

[RXC⁺15]. **Missing** [LLM⁺15]. **Mission**

[LXJD15]. **Mitchell** [KBO⁺19, LJ15].

Mitchell-Based [LJ15]. **Mitigate**

[GBA18a, JSC⁺19, RBG14]. **Mitigating**

[CJK19, GBGI18, HWK15, KCY18,

KCKL19]. **Mitigation**

[AS12, MLS19, SKH16, dOPSR16]. **Mixed**

[ABA07, BBD⁺12, BM13b, BDBB18,

CABZM18, CGL⁺18, GGA⁺17, GIW18,

LRP⁺18, LGS⁺18, RMB⁺12, ZCK19].

Mixed-Critical [BM13b].

Mixed-Criticality [BBD⁺12, BDBB18,

CABZM18, CGL⁺18, LRP⁺18, LGS⁺18].

Mixed-Precision [ZCK19]. **Mixed-Radix**

[ABA07, GIW18]. **Mixed-Time-Criticality**

[GGA⁺17]. **Mixing** [Ged14]. **Mixture**

[HFG⁺17, RF14]. **Mixture-of-Experts**

[RF14]. **MLC** [NL19, CK11, CCC⁺17,

CKD⁺17, GWM⁺17, LK14, ZZJ⁺19].

MLC-Based [CK11]. **MLC/SLC**

[CCC⁺17]. **MM*** [CH11]. **MMU** [EKJ⁺10].

Mobile [BWV15, Cao12, CS15, CKH15,

FFCB14, GDY15, GCF⁺16, HZL⁺16,

KCRG15, KkC15a, KKC17, LLCH13, LH16,

LSX13, LHH14a, LCT11, LSL15, ZLW⁺17b,

MCC12, RSN⁺18, SMP16, SKM14, SD13,

TH11, TZL⁺14, WLYY16, XWY10, XWH14,

YCCJ15, YCLH16, ZWL15, ZLW⁺17,

ZMY11, ZY12, ZCC⁺14, ZLYS15].

Mobile-Cloud [LSL15]. **Mobility**

[AEKT15, ASTU10, OPZ15, SKPC15].

Möbius [Kür12]. **Modal** [LT15]. **Mode**

[AHK10, HZ11, JRS⁺15, QLH⁺16,

SWWC11, ZLBB19, PVKA14, DFP⁺13].

MoDe-X [PVKA14]. **Model**

[Ano10f, BFR⁺15, CMB13, CMS10, CH11,

CYHC14, CCH15b, CC16, Dar15, DAPS14,

FLS16, GLH⁺19, HXVQ15, HSH⁺10, HK13b,

HWL⁺14, JRJ⁺18, JAD⁺18, KGP15, LH12a,

LWKA15, LK18, LLZ⁺17, LWZ18, LH12b,

LKT13, MD16, MTFK19, MY10, NH10,

NS13, SMA19, SAR⁺11, SIB13, SVAB14,

TLP17, Tho15, Tsa13, WJL⁺12, WP16,

WHYS16, XKT⁺15, XYHD17, YLL16,

ZLBB19, ZYC16, ZYY10, ZZM⁺15].

Model-Based [XKT⁺15]. **Model-Driven**

[CMS10, SAR⁺11]. **Model-Free** [WP16].

Modeling

[ADP⁺15, BTBB14, BG12, CJSM17, CA12b,

CSW⁺15, DMXY14, DDNT19, GBA⁺18b,

HL10b, IPS17, KM11, KMLH11, LZZZ13,

LMB⁺16, MBM11, MHH⁺17, MKM14,

NS13, RKT19, SC11, VED⁺16, WZCG16,

XYF⁺15, YZF⁺10, ZGB⁺15]. **Models**

[AFH⁺10, BD15, BGM⁺13, CYA13, CCD12,

FNS16, HFG⁺17, LK10, LCY⁺13, LHTG15,

SD14, YMT13, YHT⁺16, ZYL15, ZRL15].

Modern [KMJ⁺11, LLD⁺16, MKT⁺11, MTGM12, MMTM15, MYW11, WS14].
Modes [AR17, PC16]. **Modified** [AO12b, CLC⁺16, Red14, SJS⁺14]. **Modify** [LKK⁺19]. **Modular** [BT16, CYC⁺16, FFISC13, GL19, HMA⁺10, HGEG11, IGLM15, IDG⁺17, KwPK⁺15, KS12, KVV10, LP13a, LYS14, LNL⁺19, PVKA14, SMRM17, SL10, YFCV14, ZYY10].
Modulation [ZM17]. **Module** [LKK⁺19]. **Modules** [CZP⁺18]. **Moduli** [GL19, Hia16, Hia17, Sou15]. **Modulo** [Dum14, HMC11, VD12, Wal19]. **Modulus** [SEY14]. **Moments** [LPL12]. **Monitoring** [BWCW15, CCP⁺13, GEN⁺17, GDJZ18, GLTC16, KKP⁺16, ML13, OYP⁺18, RVL⁺14, RVC⁺15, WLLZ16, ZNL18, ZL18, ZC13].
Monitoring-as-a-Service [ML13]. **Monitors** [HCG⁺16, YZF⁺10]. **Monotone** [TSA⁺19]. **Monotonic** [PP14]. **Monte** [ZOD13, KN13]. **Montgomery** [CS11b, CYC⁺16, DCCK17, DCCK18, GLP⁺12, HRM11, HGEG11, KVV10, LYS14, NTR14, SL10, WF12].
Montgomery-Based [WF12]. **MONTRES** [LBSK17]. **Morphable** [CCC⁺17, SZZ⁺19]. **MORUS** [YWM19]. **Most** [CKKS14, XTF⁺12]. **Motion** [RM15c]. **Movable** [ASTU10]. **Moveable** [YLA10]. **Movement** [WLYY16, YWQX15]. **Moving** [CT13, CHK10, LTL14]. **MPPA** [IDG⁺17]. **MPPA-256** [IDG⁺17]. **MPSoC** [CYA13]. **MPSoCs** [ASS⁺18, CCM14, MB12a, WLQS13, WLZ⁺15]. **MRAM** [CFMA19, GBGI18, KCW⁺17, ZOK⁺19]. **mRT** [LKLK13]. **mRT-PLRU** [LKLK13]. **MUCH** [WLM15]. **Muller** [RMB⁺12]. **Multi** [AMR18, ARS16, BD15, BCL⁺17, BBB⁺17, BSM⁺14, CZ14, CLW⁺15, CCY⁺16, CCK⁺16b, CG18, CvdBC18, CW16, DDN14, DMK⁺15, DKLK15, DY14, DVUS14, FK15, GYC⁺16, HCD⁺16, HLY14, HH17, IPS17, JAD⁺18, KTAvdS16, KIJ14, KAH19, KO14, KKC17, LKS⁺14, LKH16, LRP⁺18, LGH15, LT15, LWY15, LRY⁺15, LFH⁺16, LHH17, LLW⁺18, LZW⁺15, MS15, MWY⁺16, MB16, MCXZ18, NL16a, Pan16, PCLN15, PMH⁺14, PBE17, PM14, QZC15, QSYS16, RCC14, RTL⁺18, SVD18, SDE⁺17, SX12, SZG⁺18, SNM16, SZW⁺16, TWTT11, TFCY16, TLGM17, WLC⁺15, WTZ⁺19, XWL⁺16a, YCCJ15, YMTV14, YYP⁺16, ZLBB19, ZLG⁺15, ZHM14, ZLX⁺16, ZGWC15, ZRL15, NL19]. **Multi-** [SNM16]. **Multi-/Many-Core** [SNM16]. **Multi-Armed** [KTAvdS16]. **Multi-Attribute** [SX12]. **Multi-Block** [SZG⁺18]. **Multi-Channel** [GYC⁺16, HLY14, LGH15, XWL⁺16a, YMTV14]. **Multi-Cloud** [SZW⁺16, ZGWC15]. **Multi-Constrained** [FK15, ZHM14]. **Multi-Core** [BD15, BBB⁺17, CZ14, CvdBC18, DMK⁺15, JAD⁺18, KIJ14, KAH19, KKC17, LKH16, LRP⁺18, MB16, Pan16, PCLN15, PBE17, PM14, RTL⁺18, TFCY16, YYP⁺16, ZLBB19]. **Multi-Cores** [CCK⁺16b, IPS17, LKS⁺14]. **Multi-Flow** [QSYS16]. **Multi-Function** [DKLB15]. **Multi-GPU** [ZRL15]. **Multi-Grained** [CCY⁺16]. **Multi-Granular** [LFH⁺16]. **Multi-Granularity** [QZC15]. **Multi-Hop** [LWY15, MWY⁺16]. **Multi-Inherited** [HH17]. **Multi-Input** [TWTT11]. **Multi-Input/Multi-Output** [TWTT11]. **Multi-Interface** [DDN14]. **Multi-Keyword** [ZLX⁺16]. **Multi-Layer** [LLW⁺18, SDE⁺17]. **Multi-Level** [BCL⁺17, NL16a, NL19]. **Multi-Match** [CW16]. **Multi-Modal** [LT15]. **Multi-Mode** [ZLBB19]. **Multi-Objective** [SVD18]. **Multi-Output** [TWTT11]. **Multi-Path** [DVUS14]. **Multi-Player** [BSM⁺14]. **Multi-Radio** [LWY15, XWL⁺16a]. **Multi-Replica** [LRY⁺15]. **Multi-Resolution** [PMH⁺14]. **Multi-Socket** [CG18, LHH17]. **Multi-State** [MCXZ18]. **Multi-Task** [ZLG⁺15]. **Multi-Tasking** [CvdBC18].

Multi-Tenant [ZGWC15].
Multi-Threaded [TLGM17].
Multi-Threading
 [CvdBC18, MS15, RCC14]. **Multi-Tier**
 [LZW⁺15]. **Multi-User**
 [HCD⁺16, YCCJ15]. **Multi-Version**
 [WLC⁺15]. **Multi-Way** [CLW⁺15, DY14].
Multi/Many [WTZ⁺19].
Multi/Many-Core [WTZ⁺19].
Multiagent [Ano13g, KMLH11].
Multibeam [GGL⁺14]. **Multibyte**
 [AMG17]. **Multicast** [ADOKM10, FG10,
 GY16, GY13, GGL⁺14, GY15a, GY15b,
 LXL⁺14, LHYZ13, SMG14, TH11, TC14,
 WJL⁺12, WS15, WLS18, XCF16].
Multicast-Based [XCF16]. **Multicasting**
 [SO10, XWY10]. **Multichannel**
 [LWF13, XLTZ11]. **Multichip** [SMN⁺17].
Multicore
 [BTBB14, CLS14, CCH11, CS11b, CWCS15,
 DSKH15, DW10, FJA⁺17, GJ14, GCD⁺11,
 GGSPM18, HWZ⁺12, HV12, HV14a,
 HBR11, IHR⁺16, JLC10, JJC14, KLJ⁺14,
 KCL⁺16, KH18, KCE⁺18, KA19, LNCX18,
 LMC⁺12, Man16, ML18, MHRARG⁺14,
 MBB⁺17, NEE18, OOD⁺17, RCM⁺16,
 RC14, RRK11, RJV⁺18, SC11, TCHL18,
 YLML15, YPB⁺16, YYW⁺16, YMG16,
 YRG13, YAGB17, ZDYZ13, ZDYZ14, ZZ10,
 ZLN11, ZRL15, ZYY18, ZHM⁺19].
Multicore-Aware [Man16].
Multicore/Multithreaded [RCM⁺16].
Multicores
 [BZ15, FSPD16, FSPD17, KPS⁺17, STK16].
Multicycle [Pom12d]. **Multidimensional**
 [TYWC10]. **Multidomain** [BPC12].
Multifactor [SL13]. **Multiformat**
 [GVGNVCVM16, MLH12]. **Multihop**
 [CTS13]. **Multilayer** [HHLK12].
Multilevel [EGVFC⁺12, HC13a, HJF⁺13,
 NL15a, WSXZ13, WYL⁺15]. **Multimedia**
 [KKC17, LKYC12, LGH15, MM16, MSC12,
 PAC⁺12]. **Multioperand** [HVZ13, MLH12].
Multipartite [HWCH17]. **Multipath**
 [SLS⁺12, WW14]. **Multipattern**
 [Yun12, ZS13]. **Multiple**
 [ALBP14, CLS14, CWZ13, CP10, DJA11,
 FM19, FLL14, FK15, GRM16, Hie11, Jha13,
 LQD⁺16, LWK11, MKAY11, NDC⁺13,
 NL16c, OCK17, PCZB11, Pom16b, PPND17,
 RWZZ14, TC16, WNKL16, YCZ10, ZYW⁺16,
 ZLX⁺16, ZCK19, ZMY11, ZCY⁺16].
Multiple-Bit [GRM16].
Multiple-Parameter [NDC⁺13].
Multiple-Precision [ZCK19].
Multiple-Queue [PPND17].
Multiple-Radix [DJA11, Jha13].
Multiple-Valued [LWK11]. **Multiplexed**
 [GCLC11]. **Multiplexer** [SMCN18].
Multiplexer-Based [SMCN18].
Multiplexing [DYW15]. **Multiplication**
 [ARM15, ARM16, ABH⁺13, ACO12, AK14,
 CMO⁺16, CS11b, CYC⁺16, Cil13, DCCCK17,
 DJJ⁺08, FP19, Gio12, GNTS13, GJ15,
 GL19, GIW18, HK13a, HRM11, HN11,
 HMNN12, HGEG11, IRMM⁺16, KEK16,
 KVV10, KHZ17, Lee12, LPW10, LYS14,
 LNL⁺19, LJL13, MH15, MHML15, NWA12,
 NR15, NTR14, PCHS14, PCHS17, PRBM13,
 ROH17, SL10, VAB14, YFCV14].
Multiplications [ARM13, DS14, ERRM16].
Multiplicative
 [Dum14, MPZ15, RMERM19, Wal19].
Multiplier [AS10, ARM13, BNP10,
 CLL⁺14, DHM16, FF16, HMC11, KS10b,
 LMZQ17, MCT19, NWA11, PCHS18,
 RM15b, WF12, WS10, ZM10].
Multiplier-Dividers [AS10]. **Multipliers**
 [ARM16, CHN14, CLC⁺16, CDL⁺17,
 DJA11, DJA14, DRC14, Fan16, GT19,
 GPN11, HF15, Ima18, JHQL16, KBO⁺19,
 LAAM11, LQW⁺17, LCY⁺19, MHHS17,
 SP16, TAM⁺16, VAM10, VALK19].
Multiply [CCRL19, WF17, ZCK19].
Multiply-Add [ZCK19]. **Multiplying**
 [PP16]. **Multiprefix** [HHY11].
Multiprocessor
 [BKH⁺13, CA12a, Fuj11, HTC13, HWL⁺14,

KGGJ14, LSSE15, Lee17, Li12b, LCX⁺16, LLX⁺17, LKT13, LYJ⁺18, MWW14, MW13, OP15, Tsa13, YHC19, YHV13].
Multiprocessors [Ano11f, BPT10, CNJ14, DAS14, FBWMM13, KSEG15, KK10, LMJ14, LKMSA16, ST17, ST18b, WMW12, WXW⁺14, ZCY⁺16, ZMS13].
Multiprogrammed [CPS⁺10, CA12b, HGCT13]. **Multiradio** [CWZ13]. **Multireceiver** [FHH10]. **Multiresource** [GSX⁺13]. **Multiscale** [NL16b]. **Multiscale-Symbol** [NL16b]. **Multisize** [LPL10]. **Multispeculative** [DHM16]. **Multistate** [AXS⁺10]. **Multisuffix** [HY12]. **Multitask** [LKLK13]. **Multitasking** [CGL⁺13]. **Multithreaded** [AT16, JJC14, LvH12, RCM⁺16, RRK11, WLM15]. **Multithreading** [CCH11, CCK⁺16b, GSL10, YG10]. **Multithreshold** [ST12]. **Multituple** [YFJ⁺14]. **Multivalued** [AXS⁺10, LB15a]. **Multivariate** [dAJM14]. **Multivay** [CLS10, HN13, PCHS16, SWZG11]. **MuR** [LRY⁺15]. **MuR-DPA** [LRY⁺15]. **MuSA** [dAJM14]. **Mutation** [PFGB14]. **Mutually** [LKS⁺14, ZV14].
N [KS12]. **N-Modular** [KS12]. **NAF** [ADJ12, TX16]. **NAND** [AKJ⁺13, Cha10b, CQW⁺15, CWL⁺17, CCL⁺18, CC11, CYL⁺14, GWM⁺17, JSH⁺17, KLLK11, LKLK13, LK16a, LCY⁺16, PDXZ13, PPKW12, ROGHNB⁺18, SKM14, UMN18, WW16, WLY⁺14]. **NAND-Flash-Based** [Cha10b]. **Nano** [LT15]. **Nano-Machine** [LT15]. **Nano-Scale** [LT15]. **Nanophotonic** [MKLW14]. **Nanoscaled** [SRCK10]. **Nanotechnology** [BKP16, BKP16]. **Narrow** [HK15a]. **Narrow-Width** [HK15a]. **Nationwide** [JGG⁺14]. **Native** [FGS⁺13, SWWC11]. **Navigation** [CYHL14]. **NBTI** [ORBM13]. **NCCloud** [CHLT14]. **Near** [FSGAB⁺16, MHK15, RVC⁺15, SSGB19, TYY⁺16].
Near-Memory [SSGB19]. **Near-Optimal** [RVC⁺15, TYY⁺16]. **Near-Threshold** [FSGAB⁺16, MHK15]. **Nearest** [HV16, KMP11]. **Nearly** [ZWLS15]. **Necklace** [HHKW12]. **Need** [LYT⁺16]. **Negative** [DSR15, WHC⁺15b]. **Neighbouring** [ST16]. **NEON** [SD18]. **NeST** [DYJ19]. **Nesting** [TPR16]. **Net** [CZ16, YLH13, RVL⁺14]. **Net-Based** [YLH13, RVL⁺14]. **Netlist** [AD13]. **Netlist-Driven** [AD13]. **Nets** [CKK10, HB11, XKT⁺15]. **Network** [AAR19, ASTU10, Ano13g, BPBBL13, CHC⁺15, CHLT14, CC16, CXYC16, CPL16, CJ13, CDK⁺18, DYJ19, DKLB15, DKG13, EYBK15, FSR⁺18, GCD⁺11, GEvS10, GC14, GHL17, GSG⁺15, GW16, GCL⁺13, GIKR19, HMD⁺17, HCSW15, HCG⁺16, HGL⁺15, HWE⁺16, IHR⁺16, JWL⁺16, JWC12, JRC14, KC14, KGC14, KLK⁺14, Kim15, KCRG15, KKY⁺16, KH14, LKS⁺14, LCLL15, LW15, LSHC15, LSW15, LYJ⁺18, LKMSA16, LLL⁺17, MMCS18, MFT⁺17, MKLW14, NY19, PAP13, PP10, PBT13, PSND16, RDEN10, RKZ16, SKPK10, SLZX15, SLLG15, SPTC15, STK16, TYY⁺16, TLP18, UVL⁺13, VBR⁺13, WZLX12, WJL⁺14, WWM16, WZCG16, XCF16, YY14, YLGD19, YG10, YRG13, YYC12, YCZ10, YCCWC15, YCK10, ZWX12, ZR15b, ZL16, ZMW⁺19, ZC13]. **Network-Based** [WZCG16]. **Network-Coding-Based** [CHLT14]. **Network-on-Chip** [CHC⁺15, DKLB15, DKG13, EYBK15, GCD⁺11, GC14, HMD⁺17, HCSW15, HWE⁺16, JRC14, KC14, KLK⁺14, KKY⁺16, LYJ⁺18, LKMSA16, MMCS18, MKLW14, PSND16, SKPK10, WWM16, WZCG16, XCF16]. **Network-on-Chip-Based** [STK16, YYC12]. **Network-on-Chips** [YLGD19]. **Networked** [DLC⁺13, JZLD10, Yam10, YLY⁺15a].

Networking [SBP⁺14, WLT⁺16].

Networks [AO11, AO12a, ABB17, AEKT15, ASTU10, AK15, AB16, AD10, AD12, Amm14, Ano11d, BFMT16, BDP15, BWCW15, BWV15, BKV12, BBVL14, CMB13, CZP⁺18, CFMS14, Cha10a, CCE⁺18, CS11a, CWZ11, CBZ14, CS15, CTD⁺16, CJG16, CWTT13, CLR13, CYC11, CDK⁺18, CSJ⁺11, CWY13, CGL⁺13, CTS13, CCD12, CCP⁺13, CRK10, CBTU14, CBVL16, CJK15, DDN14, DMXY14, DY12, DCL⁺11, DLL⁺12, EDL⁺14, FB13, FTP13, FS10, GD17, GSH⁺14, GDC⁺16, GHG⁺14, GY15a, GDY15, GY15b, GLTC16, HXVQ15, HBCC13, HMD⁺17, HKWC14, HLJ14, HCZW13, HWX15, JK15, JGHD11, JRW⁺14, JRS⁺15, JWL⁺16, JKY10, KGGJ14, KBO⁺19, KKT15, KLT16, KL16, KH10, LRC10, LR13, LYOB15, LMC⁺15, LH12a, LCL15, LWW11, LSS13, LS13, LXL⁺14, LGH15, LYT⁺16, LLZ⁺17, LOH17, LSX13, LCHC14, LYCT10, LKLT12, LWY15, LXZH16, LCT11, L XK12, LZYL13, LSZ⁺15, LJY⁺15, LZS⁺13, LYL⁺19, MNFA14, MCC12]. **Networks** [MM16, MB12b, MHRARG⁺14, MWY⁺16, MD13, MMH14, MMB14, NH10, PLP⁺13, PLZW14, QSYS16, RMB⁺13, RL13, RGK15, RDEN10, RLX15, RRS⁺16, RS13, RNS13, SKPC15, SMP16, SXLC15, SBH11, SPC⁺16, SDE⁺17, SSGB19, SJVR19, SCK10, SRR⁺16, SG12, SG13, SL14a, SPTC15, SO10, SZS14, SKA10, Ste14, TYWC10, TH11, TSK16, THM⁺14, VYEB18, VBR⁺13, WJL⁺12, WXLL13, WJL⁺14, WXW⁺14, WXLY15, WZM⁺16, WLYY16, WLJ⁺16, WCM⁺16, WEH⁺19, WGZ⁺15, WHC⁺15b, WS15, WW14, WLS18, XWY10, XCW⁺10, XWH14, XWL⁺16a, XWL10, XLTZ11, XWL⁺16b, YKK⁺15, YL14, YMK⁺17, YZ15, YLL16, YASS14, YLA10, ZNL18, ZLG⁺15, ZGY13, ZMY11, ZY12, ZWD⁺16, ZLXW15, ZWL⁺19, ZWC13, ZGW14, ZLYS15, dAJM14].

Networks-on-Chip

[ABB17, Ano11d, CCE⁺18, CRK10, DMXY14, EDL⁺14, FTP13, KGGJ14, RMB⁺13, SDE⁺17, WXW⁺14, WZM⁺16, WEH⁺19, WLS18, YMK⁺17]. **Neural** [AAR19, CLW⁺15, DYJ19, GIKR19, HMD⁺17, KBO⁺19, LYL⁺19, LLL⁺17, NY19, SSGB19, SJVR19, SKM⁺13, XWL⁺16b].

Neuromorphic [QWB⁺13].

Neuroprocessors [ZMR⁺13].

Neurosynaptic [TBC⁺17]. **Newton**

[Dum14, Wal19]. **NextCell** [ZZX⁺15].

NFRA [PAP13]. **NICO** [WFT⁺19].

Niederreiter [HC17]. **NIPD** [TJX⁺17].

NN [FEM⁺18, ZCL⁺16]. **NNPIM**

[GIKR19]. **NO2** [WGR⁺14]. **NoC**

[CCM14, DCY⁺13, GD17, JKD⁺19, KAH18a, KCL⁺16, KN13, LDB⁺17, LY17, MSPK12, OMFH14, PB16, RVL⁺14, RC14, SKEB18, SBP⁺14, SMG14, TMS⁺14, WLW⁺14, WJY⁺17, WZK⁺19]. **NoC-Based** [CCM14, KN13, MSPK12, RC14]. **NoC-Bus** [RVL⁺14]. **NoCs** [DSPB13, FCB⁺19, LY18, MJW⁺14, MWLJ15, SKEB16, XWLX17].

Node

[FEP⁺12, LY11, MMH14, SKA10, WXLL13, WXLY15, XP10, XLW14, YTM16].

Node-Disjoint [SKA10]. **Node-Level**

[XP10]. **Node-To-Node** [SKA10]. **Nodes**

[CCP⁺13]. **Noise** [LHCL13, ZLY15]. **Noisy**

[Cao12]. **Non** [AK19, BCK⁺16, BIP⁺17,

Cha14, CHTD19, CC16, GL19, HZX⁺14, HWE⁺16, JAKD18, JSA17, JW16, KO14, LKBS16, Lee17, LTL14, LMZQ17, LXW⁺19, LZZ⁺17b, NL15a, RD18, SMB⁺15, SJD⁺18, SRR⁺16, STR15, ST18b, SZZ⁺19, SZL⁺16, TJX⁺17, TAH⁺16, TC16, TIHM18, TAM⁺16, WWY⁺16, WWY⁺18, WNK16, WhCCC12, XZL⁺19, YWW⁺16, ZFHC19].

Non-Binary [NL15a]. **Non-Blackbox**

[TIHM18]. **Non-Blocking**

[HWE⁺16, SRR⁺16]. **Non-Coprime**

[GL19]. **Non-Fragile** [BIP⁺17]. **Non-Ideal**

[SMB⁺15]. **Non-Intrusive** [TJX⁺17].

Non-Iterative [TC16]. **Non-Linear**

[CC16, KO14]. **Non-Numeric** [BCK⁺16]. **Non-Parametric** [LTL14]. **Non-Preemptive** [Lee17]. **Non-Recursive** [LMZQ17]. **Non-Redundant** [TAM⁺16]. **Non-Speculative** [STR15]. **Non-Uniform** [ST18b, WhCCC12]. **Non-Volatile** [AK19, Cha14, CHTD19, HZX⁺14, JAKD18, JSA17, JW16, LKBS16, LXW⁺19, LZZ⁺17b, RD18, SJD⁺18, SZZ⁺19, SZL⁺16, TAH⁺16, WWY⁺16, WWY⁺18, WNKL16, XZL⁺19, YWW⁺16, ZFHC19]. **Nonblocking** [GY15a, GY15b, Zhe10]. **Noncoherent** [CRG⁺13]. **Noncooperative** [CWZ13]. **Nondeterministic** [Hie11]. **Nonindexed** [LOX⁺13]. **Nonintrusive** [WhCCC12]. **Nonlinear** [GO10, KW14]. **Nonlinearity** [MM17]. **Nonlinearly** [SKM⁺13]. **Nonuniform** [ZDYZ13, ZDYZ14]. **NOR** [PRM19]. **Normal** [ABH⁺13, ARM13, DJA14, ERRM16, KEK16, NWA11, NWA12, RMERM19]. **Normalization** [ADJG19]. **Normally** [CFL⁺18, RD18]. **Normally-Off** [CFL⁺18, RD18]. **Note** [CL12, CQ14, MW13]. **Notification** [BBPQ15, JRW⁺14]. **Novel** [BMS11, BC16, CSW⁺15, CC16, CC11, GWZ⁺10, IBH⁺13, KCL19, KL13, LLCC13, LFJ⁺13, LPL12, NL14, SSKL16, SWM⁺10, SPH13, TLZV11, WXML13, WS14, WSZ⁺16, WNKL16, WZLS16, YLY⁺15a, YFCV14]. **NP** [KLT16, XTF⁺12]. **NP-Completeness** [KLT16]. **NP-Hardness** [XTF⁺12]. **NPAM** [PBE17]. **NROM** [LLHC15]. **NROM-Based** [LLHC15]. **NTRUEncrypt** [DWZ18]. **NUDA** [ST18b, WhCCC12]. **Null** [YCW11, YLP15]. **NUMA** [KP15]. **Number** [ADI11, AC11, GKB⁺10, KBP13, Kır12, MG16, NM10]. **Numbers** [BLMM16, HV16, YUGD14]. **Numeric** [BCK⁺16]. **Numerical** [RT14]. **NV** [RD18, WWY⁺18, XZL⁺19, YWW⁺16]. **NV-Clustering** [RD18]. **NV-Dedup** [WWY⁺18]. **NV-eCryptfs** [XZL⁺19]. **NV-Tree** [YWW⁺16]. **NVM** [LXW⁺19, PBE17, SMA19]. **NVM-Aware** [PBE17]. **NVMM** [CLCS19]. **NVRAM** [BDM⁺19, CCC⁺18]. **NVRAM-Based** [BDM⁺19]. **nvrampdisk** [JW16]. **Nyquist** [LVJ16]. **Nyquist-Sampled** [LVJ16].

O [BBP⁺13, DYHX16, GKD⁺17, HWS⁺17, HS18, HLC⁺19, KSJ⁺12, KRP18, LKBS16, SNM16, SYH17, SHH⁺16, TAH⁺16, ZL16]. **O-Redirection-Based** [HQLX15]. **O/S** [SNM16]. **O/S-Orchestrated** [SNM16]. **O3** [NKEM11]. **Obfuscation** [FRB⁺18, ZL19]. **Object** [KT12, YTD⁺17]. **Object-Based** [YTD⁺17]. **Objective** [CA12a, ML18, SVD18]. **Objectives** [CCC⁺17]. **Objects** [CT13, LCT11, RKN⁺18]. **Oblivious** [HMZ⁺14, KLK⁺14, KCS⁺13, RL13, SBI12, WCL⁺18]. **Observability** [KCY18]. **Obtained** [Ste14]. **Off** [CFL⁺18, KWC⁺16, LLW⁺17, MAG⁺17, MEBS17, RD18]. **Off-Based** [SC18]. **Off-the-Hook** [MAG⁺17]. **Offloading** [XLF15, YZH⁺15]. **Offs** [ADOKM10, ASBdS16, BCC⁺16, BS14, BG12, GCAG16, KCL⁺16, KN11b, ZZ10]. **Offset** [RBMO11]. **OFWAR** [WZ14]. **OLAP** [HNV19]. **Oligopoly** [FLL14]. **Omission** [Pom15b]. **On-Chip** [CKKS14, CDK⁺18, HJBM14, JKY10, JJZ⁺16, JWC12, LKS⁺14, MNFA14, MKAY11, MD13, OHCK17, PVKA14, RRS⁺16, RKZ16, SIVH16, VYEB18, VCG⁺12, ZNL18, ZGY13]. **On-Demand** [CABZM18, CQW⁺15, LLLJ13, WZ14]. **On-Line** [BCSR14, BCD⁺16, FSPD16, GY14, MG11a, NZLK14]. **On-the-Fly** [DHM16, Pip11, YLY15b]. **On-the-Run** [LBSK17]. **On/Off** [SC18]. **On/Off-Based** [SC18]. **One** [CMRH17, MWLJ15, MMP13, PC16, RLRL19, TYY⁺16]. **One-Sided** [TYY⁺16]. **Ones** [LYT⁺16]. **Online** [ASE17, AD16, BSM⁺14, CVMA10, DY12, DRS⁺16, EE10, GCLC11, GVGNCVM16,

GBA^{+18b}, HRM⁺¹⁶, HMC11, JWL⁺¹⁶, KL16, MNGV16, MLH12, PSM17, QQW⁺¹⁷, RCC14, SLLG15, ST12, SXCL14, Tse12, WHC^{+15b}, XWL10, XTW15, ZJL⁺¹⁶.
OnlinePlus [Ano10f]. **onto** [HNB⁺¹², KN12, LSC11]. **Ontology** [MH19]. **Ontology-Based** [MH19]. **Open** [Ano13e, HTH15, TPR16]. **OpenCL** [CLOL18, HHC⁺¹⁸, LWKA15, LWZ18]. **OpenCL-Based** [CLOL18]. **OpenFlow** [JPLP13]. **OpenFlow-Based** [JPLP13]. **OpenMP** [MB12a]. **Operand** [LK15a, WE12]. **Operate** [FSGAB⁺¹⁶]. **Operating** [DCL⁺¹¹, IBH⁺¹³, LMB⁺¹⁶, LLW⁺¹¹, LLD⁺¹⁶, ZMW15]. **Operation** [ACW⁺¹¹, HV14a, JHQL16, MYW11, YLH13]. **Operational** [RBIQ15]. **Operations** [APP12, Cil11, GC16, IRMM⁺¹⁶, KPBC17, KMP11, SEY14, SYH17, SS12, XTW15, ZLWZ15]. **Opinions** [JWWZ16]. **Opportunistic** [CBVL16, GHG⁺¹⁴, HKWC14, LCHC14, SKPC15, SMP16, XWH14, YZH⁺¹⁵, ZGB⁺¹⁵]. **Optical** [GY13, KH14, PTD⁺¹², PRGBSAC19, ZGY14]. **Optimal** [ABH⁺¹³, AT16, BCL⁺¹⁷, CFL⁺¹⁸, CLS14, CCC15, CPL16, CYC11, CTS13, GM12, GZB⁺¹⁵, GKC19, GDY15, HT12, KwPK⁺¹⁵, KCS⁺¹³, KEK16, LCA10, LP13b, LZZV16, LWF13, MBGS10, PLP⁺¹³, RL13, RVC⁺¹⁵, TYY⁺¹⁶, TX16, VK15, WXLY15, WLT⁺¹⁶, XAYL15, YLGD19, YASS14, ZWLS15, Zhe10, ZV14, ZL15]. **Optimality** [TKL⁺¹⁴]. **Optimally** [WLQS13]. **Optimised** [CMO⁺¹⁶]. **Optimization** [AEP18, AR17, AWFV13, CPL16, CvdBC18, CK15, DSR15, DZD⁺¹⁶, DKW15, DDNT19, GYC⁺¹⁶, GAFN15, GZG⁺¹⁶, GW16, GLP15, HCSW15, HHLK12, HGL⁺¹⁵, JP13, KM11, KSEG15, KAH19, KHZ17, LYT⁺¹⁶, LHH14a, LSZ⁺¹⁵, ML18, NYHB16, PWTS16, QML⁺¹⁵, RC14, SKM14, SCJ^{+16b}, SZW⁺¹⁶, TLGM17, WXW⁺¹⁴, WWM16, WRW16, WSL⁺¹⁸, XLL⁺¹⁸, XSR15, YLML15, ZD13, ZGG⁺¹⁶].
Optimization-Based [HCSW15]. **Optimizations** [BZ15, CVH⁺¹³, GHL17, LHTG15, YHT⁺¹⁶, ZAG19]. **Optimize** [HZX⁺¹⁴]. **Optimized** [FML10, IRMM⁺¹⁶, LNL⁺¹⁹, MCT19, Yam10]. **Optimizing** [DWZ18, DEE17, FSL⁺¹⁷, GKD⁺¹⁷, HWSX17, HWZ⁺¹⁷, LOX⁺¹³, LTLC12, LLLJ13, NEE18, NL16c, RS13, SYH17, ZJS14, ZFHC19, ZZ19, ZJXL11, Avr13]. **Optional** [PC16]. **Orchestrated** [SNM16]. **Order** [BMZ17, CVMA10, DP13, LPL12, MY10, NKEM11, RRK11, RBG⁺¹⁹, Sri10, WLZ⁺¹⁵, WA10, YCW11, YLP15, ZMB18]. **Ordered** [AKJ⁺¹³]. **Ordering** [BBPQ15]. **Organization** [KCL19, LR10, SBW⁺¹⁶]. **Organized** [DKK16]. **Organizing** [GEvS10]. **Oriented** [GZC⁺¹⁷, TC14, YHC19, ZL15]. **Orthogonal** [DRM16, NL15a]. **OS-Level** [cCWS14]. **OS/Apps** [ZLW⁺¹⁷]. **Oscillator** [LB15b]. **OSGi** [LLCH13]. **Other** [FLS16]. **Out-of-Order** [NKEM11, Sri10, WLZ⁺¹⁵, WA10]. **Outgoing** [Mon19]. **Output** [AHK10, TWTT11]. **Output-Queued** [AHK10]. **Outsourced** [LLC⁺¹⁵, LQD⁺¹⁶, WCH⁺¹⁵]. **Outsourcing** [WRW16, WJF⁺¹¹]. **Over-Collection** [LDMQ16]. **Over-Redundant** [EJ15]. **Over/Under** [LY17]. **Overclocking** [KSC⁺¹⁴]. **OverCome** [JLKR19]. **Overhead** [AS12, BS16, CFR⁺¹⁴, CCW⁺¹⁰, CJK19, EE17, KLK⁺¹⁴, LKBS16, PPP13, RBMO11, RS13, TW10, WLQS13, ZLW⁺¹⁷]. **Overheads** [LKH16, SC18, XJFT16]. **Overlap** [PCHS17, RLRL19, ADJG19]. **Overlap-Free** [PCHS17]. **Overlay** [AK15, L XK12]. **Overscaling** [AEGH19]. **Oversubscribed** [KFB⁺¹⁵]. **Overview** [FLP⁺¹³]. **Owners** [ZLX⁺¹⁶]. **Ozone** [NKEM11].

P [GT19]. **P1687** [ZICL12]. **P2P** [CS15, CLMM11, LSW15, PPB⁺14, SL13, SLC15a]. **Packed** [CXZ13, JL11]. **Packer** [LTW⁺12]. **Packet** [AHK10, BMS12, BSS14, BSS15, CW15, CW16, FBR⁺12, GY13, IHR⁺16, LFJ⁺13, LW13, LPCW14, MFT⁺17, MOYB12, RO11, SRCbL⁺15, ST11b, XHZ14, YFJ⁺14, YM11, YZGG16, ZWLS15]. **Packet-Mode** [AHK10]. **Packets** [KKH⁺14]. **Packing** [CGJ⁺10, SXCL14]. **Page** [AKJ⁺13, GCF⁺16, LBN14, LH16, LZZ⁺17b, PBE17, SPC⁺18]. **Paging** [KLLK11, WLY⁺14]. **Pair** [PR10]. **Paired** [KP13]. **Pairing** [BDE⁺11, CKM15, CMRH17, FVV12, KHPP16]. **Pairing-Based** [CKM15, CMRH17]. **Pairing-Friendly** [FVV12]. **Pairings** [LT14]. **Pairs** [PR10, VK15]. **Pairwise** [RNS13]. **Pancyclicity** [LH12a]. **PAnDA** [TLB⁺17, WTB13]. **Papers** [Ano10c, Ano11c, Ano11d, Ano11e, Ano11f, Ano13d]. **Paradigm** [BDDL18, DYJ19, KYZC19, MFT⁺17]. **Parallel** [AR17, CS11b, CZP⁺16, Cil13, CDL⁺17, DN15, DYCG16, Fan16, Fin10, FM16, GRM16, GJ15, GAC14, HK13a, HWS⁺17, HWSX17, HS18, HT16, HHW⁺18, Ima18, KGD16, KAH⁺15, KLC18, KT12, LR16, LR10, LLCC13, LWL⁺16, LTW⁺12, LB13, LMT13, ML18, MHRARG⁺14, MBB⁺17, MKRM12, MC11, NL15b, NL16a, NZ15, NR15, NTR14, PZZQ19, PRM16, PSL17, QJM⁺10, QWB⁺13, RKR15, RT14, RS10, RQ14, SNY⁺10, TRA18, VAM10, WGR⁺14, WZLS16, XP10, XLX⁺14, YSZ⁺14, ZLBB19, ZCZL16, ZCS16, ZYL15, ZM10, ZYY18, ZXX⁺14, ZMRQ11]. **Parallelism** [HJF⁺13, JDA⁺16, LR16, LWF⁺17, SHGW15, SJC⁺17a, SJC⁺17b, XLL⁺18]. **Parallelization** [YLGE14]. **Parameter** [CYC⁺16, DZLP14, KSJ⁺12, NDC⁺13, YFCV14]. **Parameter-Aware** [KSJ⁺12]. **Parameterized** [WLZ10]. **Parameters** [MBF18]. **Parametric** [LTL14, YLH13]. **Parity** [GRM16, KLC⁺16, MAD14]. **Parity-Based** [GRM16]. **PaRS** [ZHQX19]. **Parsing** [TLL⁺13]. **Partial** [CYHC14, CLC⁺16, DHM16, FSL⁺17, JWC12, JRC14, LHPH15, MY10, XHZ14]. **Partial-Terminal** [LHPH15]. **Partially** [DSPB13, DKK16, Pom16a, RSU17, SKEB16, WLJ⁺16]. **Partially-Functional** [Pom16a]. **Participation** [WZY16]. **Participatory** [LZZV16]. **Particle** [LKYC12, RM15c]. **Partition** [FF16, NTR14, SDL⁺19]. **Partitioned** [LCX⁺16, LS10c, YLML15, KMC17]. **Partitioning** [ASTU10, CTD⁺16, EDL⁺14, HWG⁺14, JSC10, KCY18, KKT15, LP12, LZA⁺16, MWW14, SJS10, WHYS16, YCCJ15, YHC19, ZRL15]. **Partitions** [LC16a]. **Party** [KKH⁺14, QZL⁺16]. **Pass** [ZGR13]. **Passing** [YKK⁺15]. **Passive** [JGHD11]. **Password** [ASBdS16, LLD19, YRT⁺16]. **Password-Authenticated** [YRT⁺16]. **Path** [BDP15, DSY⁺15, DVUS14, EDL⁺14, Fen14, GEN⁺17, KP13, NI11, RS13, SBP16, WTY⁺14, XTF⁺12, Yan14]. **Path-Based** [EDL⁺14, GEN⁺17]. **Path-Dividing** [Yan14]. **Paths** [Fen14, FK15, GDC⁺16, SKA10]. **Patient** [LDP10]. **Pattern** [AK16, DSKH15, GSK12, LP13a, LLCC13, LWL⁺16, MGW14, PPKW12, RSG⁺19, ZLY15, ZLN11]. **Pattern-Aware** [DSKH15]. **Patterning** [LZZ17a, khR⁺18]. **Patterns** [CCC15, CH14, LWF⁺17, Pom13b, RGK15, SBH11]. **Payload** [SPH13]. **PBC** [RPM16]. **PC** [BSS14, BSS15]. **PC-DUOS** [BSS14]. **PC-TRIO** [BSS15]. **PCLMULQDQ** [JL11]. **PCM** [NL15a, NL19, CCY⁺16, CJK19, LBN14, LWF⁺17, MCM16, QLH⁺16, ZZJ⁺19]. **PCs** [KBH⁺10]. **PDG_GEN** [MNFA14]. **PEAF** [EKA17]. **Pearl** [HHKW12]. **Pearl-Necklace** [HHKW12]. **PEBD**

[ZMRQ11]. **Peer** [CYJ⁺10, HHM11, LSS13, LLLJ13, YY10, YY14]. **Peer-Assisted** [LLLJ13]. **Peer-to-Peer** [CYJ⁺10, HHM11, LSS13, YY10, YY14]. **Penalties** [BCC⁺16]. **Pentanomials** [HF15, Ima18]. **Per-Job** [YLH10]. **Per-Resource** [YLH10]. **Perceptron** [LLW⁺18]. **Perf** [FSPD17]. **PerfBound** [SC18]. **PERFECTION** [LCC10]. **Performability** [AXS⁺10, MCXZ18, SCNS10]. **Performance** [ALZ16, ASE17, AS12, BR13, BD15, BZ15, BJ12, CVPS19, CA12a, CPS⁺10, CK11, CCH11, CGT⁺15, CCK⁺16b, CJK19, CWY13, CTS13, CCD12, CCLH10, CDL⁺17, FSPD17, FTP13, FG10, GZC⁺17, GHL17, GCAG16, GRL⁺14, GW16, GCS⁺13, GBA⁺18b, HMR⁺17, HGCT13, HC13b, HLY14, HJF⁺13, HGW⁺17, Iko15, IS11, JAKD18, JC12, JZLD10, JHQL16, JJC14, KKL18, KM11, KIJ14, KBH⁺10, KP15, KCRG15, KCL⁺16, KSC⁺14, KAK18, LLC⁺16, LZ15, LK14, LS10a, LMJ14, LWZ18, LBWH11, LCY⁺16, LZZ⁺17b, LSG⁺15, LY17, MWW14, ML18, MJWT16, MLS19, MKRM11, MKRM12, Nan16, ORM10, OPV⁺17, PP11, PCLN15, PvdGG12, QWB⁺13, QLH⁺16, RVL⁺14, RMB⁺13, RSG⁺19, SMP16, SMA19, SMB⁺15, SMTK12, SSW12, SX12, SCSL12, SME⁺17, Tho12, TCK⁺18, TLGM17, VPS⁺12, VED⁺16, VAM10, WZLX12, WWY⁺18, WDSP12, WFY⁺17, XJFH15, XLC14, XLW14, XLJ16, YP12, YLML15]. **Performance** [YAG19, YMT13, YMTV14, YYP⁺16, ZCZL16, ZWX12, ZCS16, ZL16, ZLSI17, ZZJ⁺19, ZMW⁺19, ZZ10, ZRL15, ZOD13, ZJXL11, khR⁺18]. **Performance-Driven** [BR13]. **Performance-Energy** [BZ15]. **Performance-Predictable** [ALZ16]. **Performance-Varying** [ALZ16]. **Performance/Power** [Nan16]. **Performance/Reliability** [HMR⁺17]. **Performance/Reliability-Aware** [HMR⁺17]. **Performing** [KMP11]. **Period** [DZD⁺16, LXL⁺13, LDL⁺17, RBR13]. **Periodic** [HGW⁺17, LKBS16, LXJD15, LP13b, RBR13, WXS12]. **Peripheral** [PC10]. **Peripheral-Processor** [PC10]. **Peripherals** [BBP⁺13]. **Permanent** [DKK16, MBSSA19, PB16, ZHM⁺19]. **Permutation** [CJK15]. **Permutations** [ARH⁺18]. **Persistent** [WFT⁺19, XHLW19]. **Perspective** [KCW⁺17, KSC⁺14, WHBR16, WSXZ13]. **Perturbed** [PRM19, SST12]. **Pervasive** [KC13]. **Pessimistic** [HWL⁺14, Tsa13, YLL16]. **PETCAM** [MS12]. **Petri** [HB11, CCK10, YLH13]. **PHAETON** [SBP16]. **Phantasy** [RZPX19]. **Phase** [DY14, JSC⁺19, LYB15, LKK⁺19, NBZP17, NL15a, PLM16, PP11, PTD⁺12, QML⁺15, WSXZ13, YTD⁺18, ZZYZ14, NL19]. **Phase-Based** [PTD⁺12]. **Phase-Change** [DY14, LYB15, PP11, QML⁺15]. **Phase-Encrypted** [NBZP17]. **Phases** [CZ14]. **Phishing** [MAG⁺17]. **Phone** [ZZX⁺15]. **Phones** [TZL⁺14]. **Photonic** [KC14, SRR⁺16]. **Phylogeny** [MSPK12]. **Physarum** [LSZ⁺15]. **Physical** [FBWMM13, HWSN15, LcZLG19, PRGBSAC19, QPG10, SLC⁺15b, WTBT13, YLY⁺15a]. **Physically** [CJSM17]. **Piecewise** [Pom15a, SDP11]. **Piecewise-Functional** [Pom15a]. **Piecewise-Polynomial** [SDP11]. **PIM** [LK18]. **Pin** [RC14]. **Pin-Count** [RC14]. **Pinpointing** [LLM⁺15]. **Pipeline** [PRM16, PSND16, ROGHNB⁺18]. **Pipelineable** [BDMLN16]. **Pipelined** [CLS10, CKKS14, GT19, HFG⁺17, HZ11, KGP15, SDP⁺15, WZLX12]. **Pipelines** [CP10, SF17, Sri10]. **Pipelining** [ZWL⁺19]. **Pixel** [GKS14]. **Pixel-Arithmetic** [GKS14]. **Place** [LNCX18]. **Placement** [BDP15, CPL16, CYC11, FB13, GZB⁺15,

HGL⁺15, KKL⁺14, KP15, KLC⁺16, LY11, LCLC19, Man16, MMH14, SWZG11, SZW⁺16, WXL13, WXL15, WCLY16, YCLH16, YASS14, ZGG⁺16].

Placement-Ideal [SWZG11]. **Plagiarism** [CJ12]. **Planes** [UVL⁺13]. **Planning** [CMS10, CKN14, Cro14]. **Plantlet** [MSS17]. **Plasticity** [ZM17]. **Platform** [CZL⁺17, RVL⁺14, SPH13, VGF16, ZLN11]. **Platforms** [AKTB18, AS16, BMP⁺10, DMA⁺15, FMTK19, LCX⁺16, YYP⁺16, YAGB17, ZRL15]. **Player** [BSM⁺14]. **Players** [KLLK11]. **PLRU** [KLLK11, LKLK13, WLY⁺14]. **Plus** [BT16]. **Plus-Minus** [BT16]. **PMC** [HWL⁺14, LKT13, Tsa13]. **Podcast** [Ano10g]. **Point** [AMG17, AK14, BLMM16, BGHL19, CHCK12, CK15, CI16, DJJ⁺08, GH11, GNTS13, GABK11, HMS⁺12, JPG10, JKMR11, JLMP11, JCK15, JMMP16, KGD16, LP17, Lee12, Lef17, LCW⁺16, MKFM13, Nan19, PGvdG14, SBH11, SS12, VVMAZ12, VMHGN18, WF17, YTND12, ZMR⁺13, ZCK19, dDLM11]. **Pointers** [RKN⁺18]. **Points** [JLMP11, YTND12]. **Policies** [CXLL16, XLF15]. **Policy** [CWZC13, CFMA19, Cro14, LXDV17, LCHX11, RVH⁺16, ZHW15]. **Polymorphic** [CXZ13, TXL11]. **Polynomial** [AH10, ACO12, BNP10, BLB⁺19, CNH13, CHN14, Cil13, DWZ18, ERRMG15, Fan16, FP19, GAFN15, Gio12, HF15, HN11, JKMR11, LPW10, PCHS14, PCHS17, SDP11]. **Polynomials** [AK16, CMLRHS13, LCwW10, TIHM18]. **Polysynchronous** [NLRB17]. **Popularity** [ZHQX19]. **Popularity-Aware** [ZHQX19]. **Population** [MB16]. **Population-Based** [MB16]. **Pore** [MHRARG⁺14]. **Port** [GCL⁺13, LW15]. **Portable** [KLLK11]. **Ports** [Hie11]. **Positive** [WHC⁺15b]. **Post** [BKH⁺13, COLK18, DSR15, KN12, LLK18, NZ14, NL14, OHCK17, OCK17, PN16, SD18]. **Post-CMOS** [PN16]. **Post-Quantum** [LLK18, SD18]. **Post-Silicon** [BKH⁺13, COLK18, NZ14, NL14, OHCK17, OCK17, KN12]. **Post-Synthesis** [DSR15]. **Postsilicon** [CCL⁺13, PBV11]. **Potential** [CLW⁺19, Cil11]. **Power** [AQPMS15, AS14, ARS16, BDDL18, BSS15, BRN⁺15, BGM⁺13, BGMR13, BJ12, CLS14, CSCW13, CRJZ16, CGJ⁺10, CBTU14, DYW15, DMXY14, Dar15, DA12, DKLB15, DGC⁺15, EKA17, FZL⁺14, FHW18, GWMB13, GC16, GCAG16, GBD⁺15, GRL⁺14, GSF⁺10, GDY15, HRM⁺16, HMA⁺10, IPS17, JAKD18, JP13, JHQL16, JLLH19, KPS⁺17, KWC⁺16, KH14, KBP13, KHZ17, LK15a, LZ15, LW17, LWZ18, LCL17, LN12, LGMP10, LHTG15, LWH⁺16, LY17, LPL10, MWW14, MYHL16, MOYB12, MS12, MTBB10, MKRM11, Nan16, NC11, OPV⁺17, PKC⁺17, PvdGG12, QLH⁺16, RSNK17, RSN⁺18, RRK11, SP16, SCK10, SYD18, SKH16, SIVH16, SRK⁺17, SLZX15, SPC⁺18, SRHC12, TJX⁺17, TLGM17, VED⁺16, VALK19, WMW12, WJL⁺12, WZM⁺16, WP16, WSZ⁺16, WTZ⁺19, WMG18, XLS⁺12, YAG19, YM11, YTM16, YKDEV19, ZR15a, ZOK⁺19, ZZ10]. **Power-Aware** [CRJZ16, CGJ⁺10, HRM⁺16, YTM16]. **Power-Constrained** [TLGM17, WMW12, WJL⁺12]. **Power-Efficient** [DKLB15, EKA17, FZL⁺14, JAKD18, JP13, KH14, SRK⁺17]. **Power-Equalized** [WMG18]. **Power-Off** [KWC⁺16]. **Power/Performance** [GCAG16]. **POWER5** [MBC⁺13]. **POWER6** [MBC⁺13]. **PowerCool** [ASS⁺18]. **Powered** [BDM⁺19, CLZ19, MTBB10]. **Powering** [ASS⁺18, HZL⁺16, VB13]. **Powers** [Dum14, Wal19]. **PowerTracer** [LZW⁺15]. **Practical** [DCM16, GDLL18, GC16, GPR⁺19, HSA14, HKR⁺18, KMM16, LMJ14, MBF18, PDJ⁺19, SQJ⁺15, WJX⁺19, YFJ⁺14].

Practice [LLL15]. **PRAM** [HK15b]. **Pre** [ARM15, TX16, TAM⁺16]. **Pre-Computation** [ARM15, TX16]. **Pre-Encoded** [TAM⁺16]. **Precedence** [GHK15, Li12b, LTVL15, TLZV11]. **Precedence-Constrained** [TLZV11]. **Precise** [CVH⁺13, LK15a]. **Precision** [AMR18, BLB⁺19, BGHL19, CCRL19, CZS⁺19, FEM⁺18, Joh17, JMMP16, KS10b, LP17, Lef17, LMB17, ZCK19, NVB16]. **Precomputation** [AS16]. **Predicate** [KHPP16, KC13, XKT⁺15, YHML16, ZCR16]. **Predicate/Transition** [XKT⁺15]. **Predictable** [ALZ16, ARG14, DCL⁺11, HCZW13, WA10, XLJ16]. **Predicting** [BD15, DSY⁺15, SB10, ZZX⁺15]. **Prediction** [AF14, AYC16, ASE17, BWV15, CGJ⁺10, Fen14, JGG⁺14, JWWZ16, JRJ⁺18, LR16, LTL14, LDP10, LCT11, MKAY11, SB10, SIB13, XWL⁺16b, ZCZL16, ZCS16]. **Prediction-Based** [AF14, BWV15]. **Predictive** [CNJ14, LSC10]. **Predictors** [MKAY11, MUMB11]. **Preempt** [SL14b]. **Preemption** [IGLM15]. **Preemptive** [Lee17]. **Prefetch** [LMNP11]. **Prefetch-Aware** [LMNP11]. **Prefetched** [RPM16]. **Prefetcher** [LKS⁺14, Pan16, RLSK18]. **Prefetching** [DZ10, GWZ⁺10, OYP⁺18, OKY⁺19, RZPX19, TLL⁺13]. **Prefix** [CWZC13, CKKS14, LP12, LLLP14]. **Prefix-Based** [CKKS14]. **Prescaling** [WE12]. **Preservation** [ZDP⁺15]. **Preserving** [CYHL14, GLTC16, LQD⁺16, MB12b, QQW⁺17, RVH⁺16, SH12, SZDL14, WCW⁺13, ZYC16, ZLX⁺16, ZHW⁺16, ZHW15]. **Pressure** [WZK⁺19, XSR15]. **Preventing** [KKH⁺14, LS10b, LDMQ16]. **Prevention** [MAG⁺17, STK16]. **Price** [FLL14]. **Pricing** [JT15, MNGV16, ZV14]. **Primal** [LPL⁺13]. **Primal-Dual** [LPL⁺13]. **Primary** [BR13, FHL⁺18, MJWT16, YTD⁺18]. **Primary-Backup** [BR13]. **Prime** [Dum14, XMH13]. **Prime-Length** [XMH13]. **Primitives** [AAR19]. **Principal** [FEM⁺18]. **Prioritized** [LH12b]. **Priority** [BM13a, BDB18, Lee17, LYS10, MBD⁺17, NRG15, ZZ19]. **Privacy** [CYHL14, HBCC13, LDMQ16, LQD⁺16, QQW⁺17, RVH⁺16, SKZS13, SZDL14, WCW⁺13, ZDP⁺15, ZLY15, ZYC16, ZLX⁺16, ZHW⁺16, ZHW15]. **Privacy-Preserving** [CYHL14, LQD⁺16, QQW⁺17, RVH⁺16, SZDL14, WCW⁺13, ZHW⁺16, ZHW15]. **Private** [QZL⁺16, WCL⁺18]. **Privatization** [AH13]. **Proactive** [LYY16, LZYL13, WZY16, WJM15]. **Proactively** [CHK10]. **Probabilistic** [LJ18, LHL13b, MHHS17, MHH⁺17, NC11, WNCH17, ZCR16]. **Probabilistically** [KAQC14, WHL17]. **Probabilistically-Atomic** [WHL17]. **Probabilities** [LB15a]. **Probability** [NCD⁺17, WF14]. **Probable** [XTF⁺12]. **Probe** [ZC13]. **Probe-Based** [ZC13]. **Probing** [ZC13]. **Problem** [Amm14, CPS⁺10, DALD18, DVUS14, Fuj11, LHPH15, LZ14, LSZ⁺15, WTY⁺14]. **Problems** [DDN14, GO10, LYT⁺16, LSX13, WHL⁺12, XLL15]. **Procedure** [BTBB14, LOC⁺16, XXBL17]. **Process** [DSG⁺19, GV15, HK16, KSC⁺14, KKC15b, LSA18, MLS19, PR10, ZDYZ13, ZDYZ14]. **Processes** [Cao12, NZLK14]. **Processing** [BBB⁺17, CK15, DHW⁺19, DKW15, FGS⁺15, GZC⁺17, GZG⁺16, GIKR19, GAC14, KLC18, LOX⁺13, LVJ16, MW10, SRCbL⁺15, SOM⁺13, SSW12, SPH13, WZLX12, WGR⁺14, WAK⁺17, WZW⁺19, XLS⁺12, XYHD17, ZCZ⁺19, ZLJ⁺17, dOPSR16]. **Processor** [BJ12, Dar15, Gor14, GRL⁺14, HCG⁺16, IDG⁺17, JWH⁺15, JAD⁺18, KAH⁺15, LvH12, Li12b, LB13, LOC⁺16, MBD⁺17, MFG14, MIS⁺14, PBV11, PCZB11, PC10, PPP13, RJV⁺18,

RSG⁺19, SDMM12, TBC⁺17, VED⁺16, YMG15, YYC12, ZDYZ13, ZDYZ14].

Processors [ARS16, BLKM⁺18, CLS14, CA12b, CCLH10, DZLP14, FHW18, GJ14, GSL10, GBA⁺18b, HTA17, HV12, HV14a, HBR11, IHR⁺16, JLC10, JJC14, KKC17, LK15a, LKH16, LSA⁺17, LMC⁺12, MMAC19, MBC⁺13, NEE18, OPAGS14, RCM⁺16, RURM18, RTRM19, RCN11, RTL⁺18, RRK11, SZZ⁺19, TCHL18, USP⁺13, YG10, YRG13, ZR15b, ZZ10].

Procurement [PR14]. **Produced** [Jes15].

Producer [KSEG15].

Producer-Consumer [KSEG15]. **Product** [CLL⁺14, CLC⁺16, HF15, HMNN12, HN13, PCHS16, PCHS18, Red19, RM15b].

Production [CKN14]. **Products** [BCTV19, CNH13]. **Profile** [AVS⁺14, SV18].

Profiled [Bar16]. **Profiling** [AKTB18, Fin10, KLKL13, LVMS18]. **Profit** [MLOL15]. **Profitability** [EE10]. **Program** [CZ14, KLLK11, LYH11, MUMB11, PNKI13, RKT19, SB10]. **Program-Level** [PNKI13].

Programmable [BEHL⁺19, WLW⁺14, ZJH⁺14].

Programming [BFR⁺15, CJSM17, HTA17, LvH12, LJVJ18, WHL⁺12, WRW16].

Programs [BCK⁺16, Fin10, GPRS17, GCR⁺19, WLY⁺14]. **Progress** [FSPD17, OYP⁺18, TLGM17].

Progress-Aware [FSPD17]. **ProgressFace** [LYCT10]. **Progressive** [FBR⁺12].

Projected [BCTV19]. **Projections** [SST12]. **Promise** [LT15]. **Promoting** [LYL⁺19]. **Proof** [HCD⁺16, SDZ15, XXBL17, ZGWC15].

Proofs [CL10]. **Propagating** [LS10b].

Propagation [ACGP13, FNS16, LLW⁺18, WHC⁺15b].

Properties [CL10, HIJ⁺19, LHL13a, WGZ⁺15].

Property [CM11, HIJ⁺19, MLW12, ST18a, TIHM18, YWM19, ZWYY15].

Property-Based [MLW12]. **Proportional** [NY19]. **Propose** [BFMT16]. **Protect** [CSS13, FRB⁺18]. **Protected** [MAD14].

Protection [CMM15, DRM16, DCV⁺12, HCG⁺16, KSN⁺15, LDMQ16, LLS⁺16, MAD14, NDG⁺17, RURM18, RTRM19, Red11, SKZS13, SMRM17, SEY14, SP12, SWWC11, YCL⁺12, YW12, ZLY15].

Protein [MGW14]. **Protocol** [AVG⁺15, BGRH15, CSJ⁺11, FHLOJRH18, FBWMM13, HL10a, HWX15, JZLD10, LCCJ13, LZYL13, LSL15, LXZ⁺15, RQ14, SMB⁺15, SDZ15, TC14].

Protocols [AD12, CKM15, CMRH17, CWZ13, DVUS14, EFGT18, KKP⁺16, LLZ⁺17, LYCT10, PFGB14, VYEB17, VYEB18, YRG13, YRT⁺16].

Prototype [Bar16, CS11b]. **Prototyping** [CCAM14, JRP⁺14]. **Provably** [DJJ⁺08, Lee12, PSM17, XJWW13].

Providers [FLL14]. **Providing** [GPN11, YASS14, ZCY⁺16].

Proving [HTA10]. **Provisioning** [CRJZ16, HGL⁺15, JPLP13, KL16, LY17, PAC⁺12, SXCL14, XLF15, XLJ16, ZRS⁺16, ZT15].

Proxies [GJ14]. **Proximity** [ZDP⁺15].

Proximity-Aware [ZDP⁺15]. **Proxy** [HHM11, XJW⁺16]. **Prune** [DYJ19].

Pruning [CZP⁺16, Ste14]. **PSBS** [DCM16].

Pseudo [FD16, KCW⁺17].

Pseudo-Boolean [FD16].

Pseudo-Differential [KCW⁺17].

Pseudorandom [MG16]. **PSRAM** [CSCW13]. **Pub** [BBPQ15]. **Pub/Sub** [BBPQ15].

Public [JCM16, LCwW10, LRY⁺15, MRW⁺15, SWM⁺10, WCW⁺13, XJWW13].

Public-Key [LCwW10, SWM⁺10, XJWW13].

Publication [Ano10f]. **Publish** [BS15].

Publish/Subscribe [BS15]. **Publishing** [Ano13e]. **Pubsub** [BS15].

PUF [GLH⁺19, SMCN18]. **PUFs** [USH19].

Purpose [HTA17, SJVR19]. **Push** [LP13b].

Push-Based [LP13b].

Q [DYHX16, SCJ⁺16a, WGW⁺15].
Q-DRAM [SCJ⁺16a]. **Q-Learning** [DYHX16]. **QBF** [MVB10]. **QC** [HC17].
QC-MDPC [HC17]. **QCA** [LLOS13]. **QoE** [THM⁺14]. **QoE-Based** [THM⁺14]. **QoS** [AK15, CP10, GZB⁺15, HGL⁺15, HLC⁺19, KS10a, KSS12, KP15, LY11, SMG14, ZWC⁺18, ZQQ11]. **QoS-Aware** [KSS12, LY11, ZQQ11]. **QoS-Based** [AK15].
QoS-Less [HLC⁺19]. **Quadratic** [Bin15, SEY14]. **Quadruple** [FGS⁺13].
Quadruple-Based [FGS⁺13]. **Qualification** [PFGB14]. **Quality** [BKV12, Jes15, MLOL15, PAC⁺12, RSJR17, SC11, YHV13]. **Quality-Driven** [YHV13].
Quantifying [LY17, YSLL16]. **Quantitative** [ZLH⁺15]. **Quantum** [GM15, HHKW12, KMM16, KKS14, LLK18, LWK11, MSK15, MCT19, RO11, SO10, SD18, WCL⁺18]. **Quantum-Dot** [KKS14].
Quantum-Oblivious-Key-Transfer-Based [WCL⁺18]. **Quasi** [LC16b, PDXZ13].
Quasi-EZ-NAND [PDXZ13]. **Quasi-Random** [LC16b]. **Quaternions** [PP16]. **Quatrain** [RWZZ14]. **Qubit** [KMM16]. **Queries** [SX12, WXS12, ZCL⁺16]. **Query** [CLR13, HXVF12, OOD⁺17, WCL⁺18].
Quest [RM15a]. **Queue** [PPND17]. **Queued** [ACGP13, AHK10, BGMR13, ZWLS15].
Queues [TB15]. **Queuing** [FHW18, SKEB18]. **Queuing-Based** [FHW18]. **Queuing-Theory** [SKEB18].
Quick [SCJ⁺16a, Tsa13, ZZJ⁺19]. **Quick-Access** [SCJ⁺16a].
Quick-and-Dirty [ZZJ⁺19]. **Quorum** [LRC10]. **Quorum-Based** [LRC10].
Quotient [Rus13].
R2 [DLC⁺13]. **R3TOS** [IBH⁺13]. **Race** [DJN17, WhCCC12]. **Races** [RBK⁺12].
Racetrack [MWZ⁺17, SBW⁺16]. **Radar** [WCLY16]. **Radiation** [CPRH16, dOPSR16]. **Radiation-Induced** [dOPSR16]. **Radio** [BBVL14, LWY15, XLW⁺16a, YCCWC15].
Radius [Joh17]. **Radix** [ARM15, AS10, ABA07, DJA11, EJ15, GIW18, Jha13, JHQL16, Kor15, LQW⁺17, MLH12, RMB⁺12, TAM⁺16, VAB14, WE12].
Radix- [EJ15, TAM⁺16, VAB14]. **Radix-16** [WE12]. **Radix-2** [MLH12]. **Radix-4** [LQW⁺17]. **Radix-8** [ARM15, JHQL16].
RAHMM [JYL⁺17]. **RAID** [FSL⁺17, IS11, KLC⁺16, LLL16, ROGHNB⁺18, WJF⁺11, ZZS10, ZZL14, ZLWZ15]. **RAID-5** [ZZS10, ZZL14]. **RAID-6** [FSL⁺17, ZLWZ15]. **RAID-Structured** [WJF⁺11]. **Rail** [GSF⁺10, NI11]. **Railway** [HDYS16]. **RAM** [AYC16, CKD⁺17, FKMK16, JW16, KA19, LHL⁺15a, PP11, WW16, YLGD19]. **RAMS** [LK16b, AAR19]. **Random** [BCK⁺16, CB15, EF12, Jes15, LLD⁺16, LC16b, SST12, SMK⁺16, SN16, TM18, YCW11, ZOD13].
Randomization [DSY⁺15]. **Randomized** [CATB19, GDLL18, GIW18, LC16b, RL13, XCW⁺10]. **Range** [KN11a, SX12]. **Rank** [LPL⁺13, LK16b, LWH⁺16, SJC⁺17b, FZL⁺14]. **Rank-Aware** [LK16b, LWH⁺16].
Rank-Level [SJC⁺17b]. **Ranked** [ZLX⁺16]. **Ranking** [ABSK15]. **Raphson** [Dum14, Wal19]. **Rapid** [HGML11, JRP⁺14]. **Raptor** [MNK11].
Rate [CFMA19, GDY15, LOH17, LB15b, MBGS10, PP14, SV18, ZCC⁺14, dRV12]. **Rate-Distortion** [dRV12]. **Rate-Optimal** [MBGS10]. **Rate-Selective** [LOH17].
Rateless [YW12]. **Rating** [JWWZ16]. **Ratio** [LHPH15]. **Ray** [XHYZ16]. **RB** [SQJ⁺15]. **RB-Explorer** [SQJ⁺15]. **RC** [HWX15, LXW⁺19]. **RC-MAC** [HWX15].
RC-NVM [LXW⁺19]. **RC4** [GCS⁺13]. **RD** [SV18]. **REDIS** [MMC15]. **RDP** [ZLWZ15]. **Re** [XJW⁺16]. **Re-Encryption** [XJW⁺16].
Reachability [HB11, XXBL17]. **Reachable** [Pom15a]. **Reactive** [LvH12, RBRL15].

Read [BEHL⁺19, CLW⁺19, GC16, KCL19, LKK⁺19, LSG⁺18, LCY⁺16, HCY18].

Read-Modify-Write [LKK⁺19]. **Reads** [FSL⁺17, RLSK18, ZLLX15]. **Real** [AF14, ADP⁺15, ABEP16, AEP18, AE11, AC11, BBD⁺12, BBP⁺13, Bin15, BBB16, BPC12, BGRH15, CWF14, CBB19, CW10, Cha14, CYCC11, CGL⁺18, CQ14, CLR13, DZD⁺16, DA12, EE17, FM16, GCAG16, HWZ⁺12, HV12, HCH15, HV16, HHLK12, HXL11, HV14b, HGW⁺17, IBH⁺13, KS10a, KSS12, KM11, KGP15, KMC17, KLLK11, KCE⁺18, KAQC14, KDEV19, KT12, LYH11, LHC⁺14, LKLK13, LSSE15, LXDV17, LC16a, LLW⁺11, LGS⁺18, MUMB11, MBSSA19, MFG14, MKM14, MW13, NRG15, NZLK14, OPZ15, PTD⁺12, PC10, PMH⁺14, RHC⁺14, RF14, SYD18, TB15, TH11, TFCY16, TCHL18, THGT13, TKT16, WXS12, WBZ⁺15, WLY⁺14, WA10, WLZ10, XWLX17, YPB⁺16, YYW⁺16, YHV13, YTM16, YAGB17, ZLBB19, ZD13, ZLJ⁺17, ZCW18, ZZ19, ZYY18, ZHM⁺19, ZQQ11, ZCYX15]. **Real-Numbers** [HV16].

Real-Power [SYD18]. **Real-Time** [ABEP16, AEP18, AE11, BBD⁺12, BBP⁺13, Bin15, BBB16, BPC12, BGRH15, CWF14, CBB19, CW10, Cha14, CYCC11, CGL⁺18, CQ14, CLR13, DZD⁺16, DA12, EE17, FM16, GCAG16, HWZ⁺12, HV12, HCH15, HHLK12, HXL11, HV14b, HGW⁺17, IBH⁺13, KS10a, KSS12, KM11, KGP15, KMC17, KLLK11, KCE⁺18, KAQC14, KDEV19, KT12, LYH11, LHC⁺14, LKLK13, LSSE15, LXDV17, LC16a, LLW⁺11, LGS⁺18, MUMB11, MBSSA19, MFG14, MKM14, MW13, NRG15, NZLK14, OPZ15, PTD⁺12, PC10, PMH⁺14, RHC⁺14, RF14, TB15, TH11, TFCY16, TCHL18, THGT13, TKT16, WXS12, WBZ⁺15, WLY⁺14, WA10, WLZ10, XWLX17, YPB⁺16, YYW⁺16, YHV13, YTM16, YAGB17, ZLBB19, ZD13, ZZ19, ZYY18, ZHM⁺19, ZQQ11, ZCYX15]. **Real-World** [ZLJ⁺17, ZCW18].

Real/Complex [AC11]. **Realignment** [VCG⁺12]. **Realizable** [LT15]. **Realization** [LK10, XMH13]. **Realizing** [WKB16, ZLW⁺17]. **Reallocation** [Tse12]. **Rearranging** [SJS10]. **Reasoning** [DSB13]. **Reasons** [Ano10b]. **Receiver** [HWX15]. **Receiver-Centric** [HWX15]. **Receiving** [Ano13f, ST12]. **Rechargeable** [WLYY16]. **Recoding** [RS10, ZDP⁺15]. **Recognition** [AWFV13, LKLT12, QWB⁺13, TBC⁺17, YAG19]. **Recombination** [CHN14, HMNN12, PCHS17]. **Recompilation** [GDJZ18]. **Reconfigurable** [AD16, BQP⁺16, BBI⁺13, CZP⁺18, CCLH10, DPO17, DKK16, EKA17, GKB⁺10, GP14, GLP15, GFAM11, HNB⁺12, IBH⁺13, KMLH11, KGC14, LDB⁺17, LYJ⁺18, MLCH10, NVB16, PPP13, RWC18, RSU17, SOM⁺13, SPH13, TLB⁺17, TBC⁺17, UVL⁺13, WTBT13, WZCG16, ZMR⁺13, ZBK⁺17, ZYY18]. **Reconfiguration** [MKLW14, PB16, YZHX12]. **Reconfiguring** [JWH⁺15, ZNL18]. **Reconstructing** [GDC⁺16]. **Reconstruction** [HQLX15, LS10b, MG16, MH19, SST12]. **Recording** [WFY⁺17]. **Recoverability** [YCK16]. **Recoverable** [DDNP11]. **Recovery** [ASTU10, AD16, DKK16, GSG⁺15, HGML11, JSC⁺17, KWC⁺16, LLL15, LSA⁺17, LLD19, TLB⁺17, XHZ14, XLX⁺14, YXZZ14, ZXX⁺14]. **ReCREW** [DKH⁺13]. **Rectilinear** [WTY⁺14]. **Recurrent** [XWL⁺16b]. **Recursive** [KP13, LMZQ17, MHHS17, Red14]. **Recursively** [LS10c]. **Redeeming** [YSLL16]. **Redio** [WZW⁺19]. **Redirection** [HQLX15]. **Redistribution** [ZZS10]. **ReDO** [SVD18]. **Reduce** [COLK18, DZ10, GPRS17, KGGJ14, KS10b, L XK12, LZW⁺15, OHCK17, OCK17, QPG10, WBGI19, WZK⁺19]. **Reduced** [CCRL19, HLC⁺19, LK15a, Li12b, Pom12a, PSL17, WS10]. **Reducing**

[BS16, CTD⁺16, CLZ19, KLK17, KCL19, LAAM11, LKH16, LCLC19, RS13, SPC⁺18, WFT⁺19, WZ14, WZW⁺19, YCW11, Yan14, YLP15, ZLWZ15, ZMW15]. **Reduction** [AKKH12, CCC15, CCC⁺18, CFMA19, GBA18a, JJK⁺11, JT15, KVV10, LK15b, NL19, OKC13, SMK⁺16, TLL12, WS10, XJFT16]. **Redundancy** [CABZM18, CCRL19, FHL⁺18, GY15a, GY15b, HBR11, KwPK⁺15, KS12, LW17, SSW12, VCSG⁺19, ZHQX19]. **Redundant** [AO12b, Bra10, CCK⁺16b, CvdBC18, CLC⁺16, EJ15, GJ15, HK13a, HVZ13, JPG10, LCY⁺19, TAM⁺16, VVMAZ12, VAB14]. **Redundant-Digit** [JPG10]. **Reed** [PROM15, RMB⁺12, TW10]. **Reference** [ZZ17]. **Refine** [LVMS18]. **Refinement** [HSH⁺10, Sri10, ZYY10]. **Refresh** [BCM14, BCC⁺16, CLW⁺19, DSG⁺19, GC16, JSC⁺17, LHL⁺15a, SSJ⁺18, SCJ⁺16b, SPC⁺18, WBG19]. **Refresh-Aware** [JSC⁺17]. **Refreshing** [FHW18]. **Refurbishment** [AD13]. **Regenerating** [LLL15]. **Regenerating-Coding-Based** [LLL15]. **Regime** [SMB⁺15]. **Region** [CCK10, HWSX17, HCSW15, MSC12, ZD13]. **Region-Based** [CCK10]. **Region-Level** [HWSX17]. **Regional** [CHC⁺15]. **Regions** [DNSS11]. **Register** [CCV⁺11, JLKR19, MWZ⁺17, NCD⁺17, QPG10, RURM18, RRR11, VCSG⁺19, XLL⁺18]. **Registers** [QPG10]. **Regression** [DP13, LDP10]. **Regular** [ARM15, CMB13, Cha10a, LKT13, LXZH16, OWP16, YP12]. **Regularity** [LYL⁺19]. **Regulated** [YYW⁺16]. **Regulation** [LSG⁺18]. **Reinforcement** [FCB⁺19, WP16, ZM17]. **Reinforcing** [YCK16]. **Rejuvenation** [BDL⁺13]. **Rejuvenations** [HGW⁺17]. **Related** [Cil11]. **Relating** [ZGW14]. **Relational** [XTW15]. **Relations** [BCTV15, BCTV19, PR10]. **Relationship** [HL10b, SCJ⁺16b]. **Relationships** [MB12b]. **Relaunching** [GCF⁺16]. **Relaxation** [CCK⁺16a, LZZ17a]. **Relaxed** [LYL⁺19]. **Relay** [CWY13, LY11, LB15a, MMH14, ZY12]. **Releasing** [CLW⁺19]. **Reliability** [BMS11, BM13b, Cao12, CK11, CHH⁺13, CCK⁺16b, CJA⁺16, CvdBC18, FHL⁺18, HCL⁺14, HCY18, HTA10, HL10b, ISC15, Ibr16, KLC⁺16, LXJD15, LCH⁺15, LLL16, LYY16, LHL13b, MHK15, MMAC19, NEE18, PCZB11, SMCN18, SKEB16, SDP⁺12, VSC⁺19, WWM16, XH16, YyHL11, YWXZ12, YL14, YMTV14, ZYL15, ZWYY15, ZWC13]. **Reliability-Aware** [BMS11, HMR⁺17, ZYL15]. **Reliability-Driven** [BM13b, PCZB11]. **Reliable** [ACW⁺11, AFH⁺10, AS14, ARS16, BBI⁺13, BS10, CHL17, CAGM14, DKH⁺13, HLY14, IBH⁺13, KDEV19, LXL⁺14, LKLT12, VBR⁺13, WKB16, XL16, YTD⁺17, ZL15]. **Relinquishment** [ST17]. **Relocatable** [DLC⁺13]. **Relocation** [KK10]. **Remainder** [Fan16, PB11]. **Remapping** [JDA⁺16, KCKL19]. **Remote** [HPR16, JGG⁺14, KCRG15, SRCbL⁺15]. **Removal** [LHCL13]. **Removing** [RXC⁺15, WLQS13]. **Renaming** [JLKR19]. **Renewable** [CFW14, RLX15]. **Reordered** [NWA12]. **Reordering** [KKH⁺14]. **Reorganization** [LBWH11]. **Reorganizing** [AGFM11]. **Repair** [LLW⁺17, PN16]. **Repairing** [RSU17, TW10]. **Repeatable** [DN11]. **Repetitive** [TLP17]. **Replacement** [CXLL16, CFMA19, KS14, LBN14, OGH⁺14]. **Replacing** [YMG15]. **Replay** [RTL⁺18, ZCZL16]. **Replica** [AT16, LYY16, LRY⁺15]. **Replicas** [LK18]. **Replication** [AD14, BR13, CS15, GV15, HS18, LYY16, LLX⁺17, SWZG11, SL13, SLC15a, Tse12]. **Reporting** [LZYL13]. **Repositioning** [FKMK16]. **Represent** [LCA10]. **Representation** [AO12b, BNP10, BFMT16,

Bra10, HN11, LFH⁺16, LWK11].

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[DJA11, KMP11, MRD19]. **Representative** [ZCZL16]. **Reproducibility** [RT14].

Reproducible [BGHL19, DN15].

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Requester-Based [CWCS15]. **Requests** [LZZV16, LZW⁺15]. **Required** [KS10b].

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[HHKW12, MAHD18, SAR⁺11, SZW⁺16].

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[ZGWC15]. **Residue** [TC16]. **Resilience**

[CCAM14, CATB19, HV13, HLWV17,

MG11a, PCZB11, SMAR⁺19, VSC⁺19,

ZBK⁺17]. **Resilient** [DKLB15, DZLP14,

HK16, KDEV19, SKEB16, SVD18, YEY⁺16].

Resistance [STE17]. **Resistant** [GV14].

Resistive [MMC15]. **Resistivity** [MM17].

Resolution [PMH⁺14, ZZ17]. **Resource**

[BSM⁺14, BGRH15, CZP⁺16, CRJZ16,

CZL⁺17, COLK18, DCK16, Fin10, FB13,

GO10, HMR⁺17, HGW⁺17, HLA⁺17,

KGP15, KPS⁺17, KFB⁺15, KL16, LC16a,

LZA⁺16, LGF⁺15, MNGV16, NRG15, PB16,

PAP13, PR14, SLL15, SPTC15, SXCL14,

WHYS16, YHC19, YLH10].

Resource-Efficient [DCK16].

Resource-Oriented [YHC19].

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[ALZ16, BBB16, CFW14, CP10, FJA⁺17,

PLP⁺13, RF14, SH12, WL13, YHC19].

Respect [CATB19]. **Response**

[BDB18, MBD⁺17, NRG15, WZ14, YLH10,

ZHW⁺16]. **Response-Time** [BDB18].

Responses [KN11b]. **Responsive**

[BGM⁺13]. **Responsiveness** [YCW⁺19].

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[HRK17, YXZZ14]. **Restore** [CKD⁺17].

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Restricted [OWP16]. **Restriction** [AK19].

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Retention-Aware [JYL⁺17]. **Retentive**

[RRK11]. **Rethinking** [LLD⁺16, ZZL14].

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Reusability-Aware [MWY⁺16]. **Reuse**

[JC11, KSN⁺15, OGPk14]. **Reused**

[COLK18]. **Reversible** [DSR15, GM12].

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[Ano10a, Ano11b, Ano12b, Ano13b, Ano14b,

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[QZL⁺16]. **Right** [VIDH19]. **Ring**

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[GDLL18]. **RLWE-Based** [GDLL18]. **RNS**

[BT16, CATB19, GLP⁺12, GL19, Hia17,

Sou15, YFCV14]. **Road** [JGHD11].

ROBDD [LCA10]. **Robin** [FJA⁺17].

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Robots [LBS15]. **Robust** [BDDL18,

BDBB18, DDNP11, LMB13, MVB10, MC11,

NI11, ORM10, SB16, WZLX12, ZWX12].

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[AAR19]. **ROMs** [LLHC15]. **Roofline**

[IPS17]. **Root**

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[CC11]. **Rotated** [YHT⁺16]. **Rotation**

[MM17]. **Rotations** [RS10]. **Round**

[FJA⁺17, HV16, KMP11, MEBS17]. **Round-Off** [MEBS17]. **Round-Robin** [FJA⁺17]. **Round-to-Nearest** [HV16, KMP11]. **Rounded** [BHR17, DRC14, KLLM12, Lef17]. **Rounding** [CHCK12, JPG10, KS10b, PB11, TGNSC11, VMHGN18]. **Roundoff** [MRD19]. **Route** [YLY⁺15a]. **Routed** [KH14]. **Router** [BM13a, HHY11, HH17, KAH18a, LS10c, MKAY11, OMFH14, PSND16, YLGD19]. **Router-Tables** [HHY11, HH17]. **Routers** [JRC14, YMK⁺17]. **Routing** [AVS⁺16, BKV12, CFR⁺14, CHC⁺15, CCE⁺18, CBVL16, DVUS14, DSPB13, EDL⁺14, EG11, FMTK19, FG10, FS10, GDC⁺16, HCSW15, HKWC14, KCS⁺13, KCS14, LR13, LS13, LSHC15, LYCT10, LWY15, LZS⁺13, MJW⁺14, MFT⁺17, MWY⁺16, MMB14, RL13, RO11, RKZ16, SKEB16, SKEB18, SZS14, SKA10, TLP17, TLP18, TH11, VBR⁺13, WWM16, WS15, WW14, WLS18, XWH14, ZGB⁺15, ZHM14, ZGY14, ZBW17]. **Row** [HGCT13, LXW⁺19, SCJ⁺16b, SCJ⁺16a]. **Row-Access** [SCJ⁺16b]. **Row-Activation** [SCJ⁺16a]. **Rowhammer** [KCKL19]. **RPR** [CCRL19]. **RRAM** [CSW⁺15, LW17]. **RRNS** [TC16]. **RRR** [HGML11]. **RSA** [MLW12]. **RSS** [LTL14]. **RT** [KLLK11, KDEV19]. **RT-ByzCast** [KDEV19]. **RT-PLRU** [KLLK11]. **RTL** [ABSK15, BFP11]. **Ruining** [KKH⁺14]. **Rule** [HGL⁺15, LDP10, LP13b, MMP13, RCRK13, SWZG15, YCZ10]. **Rules** [DZLP14, LJG⁺19, SBH11]. **Ruling** [LKLT12]. **Run** [DKK16, DJN17, LBSK17]. **Run-Time** [DKK16]. **Running** [JSE14, VYEB18]. **Runtime** [BBI⁺13, DGC⁺15, KK10, KP15, OYP⁺18, RBK⁺12, SIB13, SPH13, WZM⁺16, WJY⁺17, ZBK⁺17]. **S** [MM17, MKRM11, ST18a]. **S-Box** [MKRM11]. **S-Boxes** [MM17, ST18a]. **S-Orchestrated** [SNM16]. **Safe** [FJA⁺17, PKC⁺17, SHGW15]. **Safety** [ARGT14, MTFK19, SAR⁺11, ST11a, YMT13]. **Safety-Critical** [ARGT14]. **SALSA** [XWL10]. **Same** [CS11a]. **Sample** [DSY⁺15]. **Sampled** [GCR⁺19, LVJ16]. **Samplers** [HKR⁺18]. **Samples** [CVH⁺13]. **Sampling** [AMR18, EF12, GPR⁺19, KRR⁺18, ZWW19, dAJM14]. **Sandboxed** [GD17]. **Sanitizer** [GBGI18]. **SAT** [JLMH10, SBP16]. **SAT-Based** [SBP16]. **Satellite** [LZS⁺13, SPH13]. **Satisfiability** [LCW⁺15, YHH⁺12]. **Saturated** [SMB⁺15]. **Save** [DHM16]. **Saving** [KL16, LK16b, LTL14, LHH14a, WLJ⁺16, XDZ11]. **Savings** [GBD⁺15]. **SCA** [PDJ⁺19]. **SCADFA** [PDJ⁺19]. **Scalability** [CCH11, ZZL14]. **Scalable** [ABSK15, AKL14, AD13, CLW⁺15, CW16, CWCS15, DAS14, FEM⁺18, GCD⁺11, GEN⁺17, JC12, JLMH10, KGV16, KAK18, LP12, LMJ14, LT15, LYS14, LCHX11, LLKA19, LJVJ18, MBS⁺12, PP11, RBRL15, RSN⁺18, SSGB19, SIVH16, SL10, ST18b, TC14, UVL⁺13, XP10, XYF⁺15, YMK⁺17, ZDP⁺15, ZLN11, Zot10]. **Scalar** [ARM15, DS14, GIW18, LJL13, MH15, NR15]. **Scale** [AISA16, BMT14, CQW⁺15, FFCB14, GDC⁺16, GV15, GY16, JKY10, LP13a, LS10a, LDB⁺17, LT15, LXK12, LQD⁺16, MYHL16, MCXZ18, SRR⁺16, WS15, WJM15, ZCZL16, ZWC⁺18]. **Scale-Out** [MYHL16]. **Scale-Up** [MYHL16]. **Scalers** [Hia17, Sou15]. **Scaling** [CLX14, DA12, FCB⁺19, GRL⁺14, JSH⁺17, JCK15, LKYC12, LHH14a, LHTG15, MHK15, NY15, NYHB16, NY19, OKC13, PdG13, WJL⁺12, YTM16, ZZS10, ZLWZ15]. **Scan** [CZP⁺18, CCC15, KCY18, Pom12d]. **Scan-Based** [Pom12d]. **Scanning** [LLL11, PWW⁺11]. **Scenario** [XLW14]. **Scenarios** [MTFK19]. **Schedulability** [BBB16, HGW⁺17, LHC⁺14, LSSE15, Lee17,

MBB⁺17, PP14, RHC⁺14, WLZ10, YYW⁺16]. **Scheduled** [BGRH15]. **Scheduler** [CZ14, FSPD17, KMJ⁺11, TB15]. **Schedules** [AO12a, LSXP14]. **Scheduling** [ACGP13, BBD⁺12, BMP⁺10, BDB18, BTW13, BPC12, CFL⁺18, CAbZM18, CBB19, CNJ14, CZP⁺16, CGL⁺18, CZL⁺17, CQ14, CLR13, DCM16, FSPD16, Fuj11, GKD⁺17, GGSPM18, GHK15, GCAG16, GY13, GLTC16, HRM⁺16, HZL⁺16, HKWC14, HVL11, HV13, HV14b, HZX⁺14, HLWV17, IGLM15, IHR⁺16, JJK⁺11, JR17, KTAvdS16, KH18, KCE⁺18, LRC10, LHC⁺14, LK16b, Lee17, LRP⁺18, Li12b, LTVL15, LC16a, LDL⁺17, LP13b, LGS⁺18, LMB13, LWF13, MFG16, MBD⁺17, MAHD18, MBGS10, NEE18, OKY⁺19, PM14, RHC⁺14, RWC18, RF14, RLX15, RC14, SZG⁺18, SL14b, TLZV11, TYY⁺16, TCK⁺18, TCHL18, VC10, WXS12, WBZ⁺15, WZK⁺19, XCF16, XCW⁺10, Yan14, YLGD19, YPB⁺16, YHV13, YTM16, ZGG⁺16, ZWLS15, ZR15b, ZWC⁺18, ZQZ⁺19, ZZ19, ZWL⁺19, ZQQ11, ZCYX15, ZLYS15, ZMRQ11]. **Scheme** [ARM15, AKJ⁺13, BS14, BS16, CMLS15, CCW⁺10, CSW⁺15, CLM⁺19, CWTT13, COLK18, CWCS15, GYC⁺16, GTRMG18, GWM⁺17, HS18, HCL15, HK15b, HHCH11, HLJ14, HQLX15, JPG10, KLLK11, KL16, LTL14, LCL15, LKLT12, LWY15, LLW⁺17, MLOL15, MRL⁺18, RVH⁺16, RSN⁺18, SSKL16, SRCbL⁺15, SWF⁺19, SZS14, UMN18, WLY⁺14, WNK16, XJFT16, XJWW13, YLY⁺15a, YTD⁺17, ZPM⁺15, ZFHC19, ZHGX19, CTS13]. **Schemes** [CMLRHS13, CJA⁺16, CKD⁺17, CHL17, EFGT18, HSM14, MLCH10, MBF18, MKRM10, XTF⁺12, YMTV14]. **Science** [MOS14, ST11a]. **Scientific** [KN11a, SDMM12, YLY15b]. **SCM** [JYL⁺17]. **SCPS** [SLC⁺15b]. **Scrambling** [LLHC15]. **Scratchpad** [EKJ⁺10, LGMP10, MB12a, VAN⁺18, vdBGLGL⁺16]. **SD3** [KLKL13]. **SDR** [DMA⁺15]. **SDRAM** [EE17, GCAG16]. **Seamless** [SMN⁺17]. **Search** [CLS10, CYJ⁺10, CSW⁺15, FEM⁺18, HH17, HWG⁺14, JSC10, LCL15, LWL⁺16, LCW⁺15, LMT13, SLC⁺15b, XJWW13, ZLX⁺16]. **Searchable** [CLW16b]. **Searching** [CTL⁺17, LXZ⁺15, PWW⁺11]. **Second** [DP13, VSLD15, YCW11, YLP15]. **Second-Level** [VSLD15]. **Second-Order** [DP13, YCW11, YLP15]. **Secret** [HL10a, LCCJ13, LLKA19, WKB16]. **Section** [Ano10c, Ano11e, AHI12, AISA16, BKPMC13, BMM11, BS10, BKP16, BCS11, BdD19, CHTD19, DPO17, EM12, GM11, MG11a, MOS14, NST14, SLPB18, ST11a, XL16, ZMS13, Avr13]. **Secure** [AP14, CSS13, CXYC16, CYHL14, GV14, HSM14, JAS⁺15, KW14, KYZC19, KH10, LCH⁺15, LLXC16, LRY⁺15, MW10, NBZP17, NDG⁺17, PSM17, QZL⁺16, SSKL16, SLPB18, SZDL14, TLH⁺16, WCW⁺13, WZBB15, WKB16, WRW16, XJWW13]. **Securing** [CMLS15, OGPK14, SWF⁺19]. **Security** [ASBdS16, Ano10g, BQP⁺16, BBA19, CTL⁺17, DY14, GSF⁺10, HMZ⁺14, HLT⁺15, JSA17, LKH16, LCwW10, LLS⁺16, NDG⁺17, SMCN18, TLZV11, WCL⁺18, ZL18]. **Security-Driven** [TLZV11]. **SEDUM** [LS13]. **SEED** [GLXY13]. **Segment** [CLS10, DDNT19]. **Segmented** [KCL19, TYY⁺16]. **Select** [KT19]. **Selecting** [ZL15]. **Selection** [AT16, AHNT16, CHCK12, CCP⁺13, DZLP14, EFPC16, KwPK⁺15, KAH19, LWW11, RBR13, RXC⁺15, Rus13, SEY14, THM⁺14, TCYH15, YFJ⁺14, YFCV14]. **Selections** [DCCK18]. **Selective** [ADC11, JSA17, KRP18, LOH17, MTGM12, OYP⁺18, QQW⁺17, SNM16]. **Selective-Testing** [SNM16]. **Self** [ADC11, BCSR14, BCD⁺16, CCV⁺11, CWL⁺17, CRJZ16, DYHX16, DPS11,

DKK16, FFCB14, GVPS19, GEvS10, HZ11, HMC11, LLW⁺¹⁷, PRGBSAC19, RO11, RSU17, SOM⁺¹³, SRCK10, TW10, YyHL11, YZ15, ZNL18, ZZ17]. **Self-Adaptive** [DYHX16, FFCB14, YyHL11, YZ15]. **Self-Aware** [GVPS19]. **Self-Checking** [HMC11]. **Self-Diagnosis** [TW10]. **Self-Healing** [CWL⁺¹⁷]. **Self-Invalidations** [ADC11]. **Self-Loading** [SRCK10]. **Self-Organized** [DKK16]. **Self-Organizing** [GEvS10]. **Self-Reconfigurable** [SOM⁺¹³]. **Self-Reconfiguring** [ZNL18]. **Self-Reference** [ZZ17]. **Self-Repair** [LLW⁺¹⁷]. **Self-Repairing** [RSU17, TW10]. **Self-Routing** [RO11]. **Self-Sustainable** [CRJZ16]. **Self-Synchronized** [PRGBSAC19]. **Self-Synchronizing** [HZ11]. **Self-Test** [BCSR14, BCD⁺¹⁶, CCV⁺¹¹, DPS11]. **Semantic** [CJ12, CH14, HLJ14]. **Semantic-Aware** [HLJ14]. **Semi** [WF12, ZQZ⁺¹⁹, KMC17]. **Semi-Clairvoyant** [ZQZ⁺¹⁹]. **Semi-PARTitioned** [KMC17]. **Semi-Systolic** [WF12]. **Sense** [Zhe10]. **SENSIBLE** [GEN⁺¹⁷]. **Sensing** [FLJ14, JGG⁺¹⁴, KCW⁺¹⁷, LCHC14, LZZV16, WAK⁺¹⁷]. **Sensitive** [DY12, HXVF12, KS14, QZC15, QGPZ13, YCCJ15]. **Sensitivity** [EGVFC⁺¹²]. **Sensitization** [SBP16]. **SenSmart** [CGL⁺¹³]. **Sensor** [AO11, AO12a, AEKT15, ASTU10, AD10, AD12, Amm14, BWCW15, BWV15, CJG16, CLR13, CSJ⁺¹¹, CGL⁺¹³, CCD12, CBTU14, CBVL16, DY12, DCL⁺¹¹, DLL⁺¹², FS10, GDC⁺¹⁶, GHG⁺¹⁴, GLTC16, HXVQ15, HKWC14, HWX15, JGHD11, KKT15, KLT16, KH10, LRC10, LR13, LY11, LWW11, LLZ⁺¹⁷, LSX13, LCHC14, LKLT12, LCT11, LZYL13, LJY⁺¹⁵, MM16, MB12b, MMH14, MMB14, PP10, RGK15, RCN11, RLX15, RS13, RNS13, SBH11, SPC⁺¹⁶, SCK10, VBR⁺¹³, WJL⁺¹⁴, WLYY16, WS15, XCW⁺¹⁰, YKK⁺¹⁵, YASS14, ZLG⁺¹⁵, ZMY11, ZY12, ZWD⁺¹⁶, ZLYS15, dAJM14, GEN⁺¹⁷]. **Sensor/Actor** [ASTU10]. **Sensors** [WCLY16, YLA10]. **SenSpire** [DCL⁺¹¹]. **Separable** [SKM⁺¹³]. **Sequence** [BCM10, LBS15, MGW14, SKPK10, YMAG17, YLH13]. **Sequences** [Jes15, MG16, Pom15c, Pom15b, SN16]. **Sequential** [LHL13a, MVB10, Pip11]. **SER** [HCY18]. **Serial** [ARM16, CLL⁺¹⁴, FBE⁺¹⁸, RM15b]. **Serial-Out** [ARM16]. **Series** [DGC⁺¹⁵, ZLY15, Ano10g]. **Serpent** [PC16]. **Server** [BSM⁺¹⁴, CLS14, DSY⁺¹⁵, GY15a, GY15b, LZ15, MBM11, PBL16, THM⁺¹⁴, XLF15, ZT15]. **Servers** [ABEP16, GCL⁺¹³, HWS⁺¹⁷, JJK⁺¹¹, LW15, SYK14]. **Service** [AK15, CCC⁺¹⁷, DKW15, DHC⁺¹⁶, EFPC16, LHH14a, LHY13, MLOL15, ML13, NZLK14, PAC⁺¹², RSNK17, SKPC15, TJH⁺¹⁵, WYL⁺¹⁵, YZHX12, YCLH16, ZCL⁺¹⁶, ZWC⁺¹⁸, ZL15]. **Service-Level** [CCC⁺¹⁷]. **Service-Oriented** [ZL15]. **Services** [CCM14, CLX14, LLCH13, LZW⁺¹⁵, SLL15, YXZZ14]. **Set** [CYJ⁺¹⁰, DAS14, DPS11, EJ15, Hia17, HGW⁺¹⁷, LCA10, LSA⁺¹⁷, LPCW14, NM10, RS17, SMG14, SJS10, YCZ10]. **Set-Associative** [DPS11]. **Set-Up** [SMG14]. **Sets** [CL12, EF12, GL19, Hia16, HT16, MIS⁺¹⁴, NI11, Pom16b, Sou15, Ano11g, Ano11h]. **SEU** [WNKL16]. **SEU/MBU** [WNKL16]. **Shadow** [TZL⁺¹⁴]. **Shamir** [WKB16]. **Shared** [BZ15, BBB16, CFL⁺¹⁸, DMK⁺¹⁵, JCM16, KIJ14, PPND17, VMB19, YHC19, ZJS14, ZL16, ZLSI17]. **Shared-Memory** [DMK⁺¹⁵]. **Sharer** [ST17]. **Sharing** [AKKH12, BGRH15, CS15, CLW16b, HL10a, HLT⁺¹⁵, KSEG15, LCCJ13, LSW15, LLKA19, NH10, PSM17, Pom14, SLLG15, SLC15a, SPTC15, SHH⁺¹⁶, WKB16, YY10, YY14]. **Shave** [ZMW15]. **Shell** [XHYZ16].

Sherlock [ADJG19]. **Shield** [NDG⁺17, KGV16]. **Shift** [MFT⁺17]. **Shifted** [HF15]. **Shifting** [MCM16]. **Shingled** [WFY⁺17]. **Shoot** [YXWL16]. **Short** [BEHL⁺19, FSL⁺17, LAAM11, WQZ⁺16, ZZJ⁺19]. **Short-Read** [BEHL⁺19]. **Shortest** [Fen14, FK15, SKA10]. **ShortPath** [PSND16]. **Shuffling** [YWQX15]. **Shuttle** [cCWS14]. **SIC** [VK15]. **Sick** [YSLL16]. **Side** [Bar16, BMZ17, BK12, CSS13, CATB19, DP13, KASZ13, LJL13, MAG⁺17, NDC⁺13, RBG⁺19, STE17, ZMB18]. **Side-Channel** [Bar16, BK12, CSS13, CATB19, KASZ13, LJL13, NDC⁺13, ZMB18]. **Sided** [TTY⁺16]. **Sidewalk** [PPB⁺14]. **Sieve** [GKB⁺10]. **SIFT** [OPAGS14]. **Sig** [QGPZ13]. **Sign** [Hia16]. **Signal** [BBB⁺17, CK15, GDLL18, LVJ16, MTGM12, Pom13b]. **Signal-Transition** [Pom13b]. **Signals** [LVJ16]. **Signature** [EFGT18, KSN⁺15, TXL11]. **Signature-Based** [KSN⁺15]. **Signatures** [AS16, GLP15, OWP16, QGPZ13, YCK10]. **Signed** [Kor15, SJS⁺14, TAM⁺16]. **Signed-Digit** [Kor15, SJS⁺14, TAM⁺16]. **Silent** [LS10b]. **Silicon** [BKH⁺13, COLK18, DN11, EKA17, HMR⁺17, NZ14, NL14, OHCK17, OCK17, PKC⁺17, WTZ⁺19, YSLL16, khR⁺18, KN12]. **Silver** [Ano10g]. **SIMD** [HMS⁺12, NVB16, YMG15]. **SIMD/MIMD** [NVB16]. **Similarity** [ADJG19, HLF14, PR10, XJFH15]. **Similarity-Aware** [HLF14]. **SIMON** [LYK19, STE17]. **Simple** [Fen14, LVMS18, SD18, TLH⁺16]. **Simulation** [ADP⁺15, ASS⁺18, BPT10, FHL⁺18, GM15, GCR⁺19, GABK11, JCY⁺13, LR16, LZZ16, MNFA14, MHRARG⁺14, NZ15, Tho15, WLW⁺14, WZLS16, YEG⁺15, ZGR13]. **Simulation-Based** [GABK11]. **Simulations** [KN13]. **Simulator** [KAH18a]. **Simultaneous** [GSL10, KCRG15, LR18, YG10]. **Single** [ARM13, BPT10, ERRM16, GGSPM18, KP15, KMM16, LP17, LCA10, MFG14, MBGS10, NL16b, NL18, PROM15, SBB18, SMRML17, SBI12, TKL⁺14, WNKL16, XLX⁺14, ZGR13, ZXX⁺14]. **Single-Chip** [BPT10]. **Single-ISA** [GGSPM18]. **Single-Pass** [ZGR13]. **Single-Qubit** [KMM16]. **Single-Rate** [MBGS10]. **Single-Sink** [SBI12]. **Sink** [Amm14, CJG16, LSX13, SBI12]. **Sink-Free** [CJG16]. **Sink-Hole** [Amm14]. **SinkTrail** [LZYL13]. **SiPs** [TMS⁺14]. **SISO** [NCD⁺17]. **Situ** [NY15]. **Six** [AFC10]. **Size** [BLN⁺15, CS11a, CJ13, DAS14, DCM16, FLS16, Kim15, KLC⁺16, LCLL15, LFJ⁺13]. **Size-Aware** [BLN⁺15]. **Size-Based** [DCM16, LFJ⁺13]. **Sized** [CLM⁺19]. **Sizes** [DALD18]. **Sizing** [MBGS10, VTW16]. **Skeleton** [LJY⁺15]. **Skew** [LZA⁺16, NLRB17]. **Skewed** [Pom12c]. **Skewed-Load** [Pom12c]. **SLA** [KGP15]. **SLC** [CCC⁺17]. **Sleep** [AO12a, CFL⁺18, HKWC14, ZLYS15]. **Sleep-Aware** [CFL⁺18]. **Sleep-Wake** [HKWC14]. **Slice** [SLS⁺12, Zot10]. **Slicing** [ABSK15]. **Sliding** [JRS⁺15, LPL10]. **sLiSCP** [ARH⁺18]. **Slot** [MWLJ15, RLX15]. **Small** [AO12b, BDE⁺11, CFR⁺14, CJ13, IS14, Kim15, KCK16, LK15b, LCLL15, NR15, UdDG⁺17, VTA16, WGZ⁺15]. **Small-Characteristic** [BDE⁺11]. **Small-Value** [IS14]. **Smart** [DYCG16, EFPC16, GY16, HK17, HDYS16, LVF19, SWZG15, WZY16, XLC14, LDMQ16, WHBR16]. **Smartphones** [LTL14, OPZ15]. **SMR** [WFY⁺17, YCW⁺19]. **SMT** [FSPD16, FSPD17, MBC⁺13, OPAGS14]. **Snakes** [PC16]. **Snapshots** [YCL⁺12]. **SNM** [GBA18a]. **Snoop** [AKKH12].

Snooping [AKKH12]. **SNOW** [PC16]. **SoC** [BBA19, CFR⁺14, LYH11, VTA16, WZBB15]. **Social** [JWL⁺16, LCL15, LSS13, LS13, LSW15, PLZW14, SL14a, SLLG15, SLC⁺15b, TZL⁺14, WHC⁺15b, WW14, XWH14, ZZX⁺15]. **Social-Aware** [SLC⁺15b]. **Society** [Ano10d, Ano10e, Ano10b]. **Socket** [CG18, LHH17]. **SOCs** [IGLM15, RC14]. **Soft** [AF14, AS12, DZLP14, EGVFC⁺12, HBR11, KS12, NEE18, RURM18, RTRM19, RCN11, RBMO11, SB16, SMAR⁺19, SVD18, UVG16, VSC⁺19, XH16, YAGB17, dOPSR16]. **Soft-Errors** [UVG16]. **Soft-Processors** [RURM18]. **Soft-Real-Time** [AF14]. **Softcore** [PPP13]. **Software** [AVG⁺15, ADC11, AH13, BDL⁺13, CSS13, DPS11, FHLOJRH18, GBO⁺16, HPR16, HWG⁺14, HL10b, HGL⁺15, JSC10, KKP⁺16, KASZ13, LK10, LH16, LSHC15, MRL⁺18, MMAC19, MF14, RCK⁺16, SNM16, TS11, WGW⁺15, WLJ⁺16, WHYS16, WFT⁺19, XHZ14, YLGE14, ZPM⁺15, ZLG⁺15, ZGG⁺16]. **Software-Based** [ADC11, DPS11, SNM16, YLGE14]. **Software-Defined** [ZLG⁺15, ZGG⁺16]. **Software-Driven** [TS11]. **Software-Transparent** [WFT⁺19]. **Solid** [Cha10b, CLZ19, DSW⁺14, JR17, Jun16, KLK18, KBH⁺10, KSJ⁺12, LRP16, MLE14, PDXZ13, SNY⁺10, TAH⁺16]. **Solid-State** [Cha10b, CLZ19, DSW⁺14, KBH⁺10, PDXZ13, SNY⁺10, TAH⁺16]. **Solomon** [PROM15, TW10]. **Solution** [CCE⁺18, CXLX15, GSH⁺14, NZ15, RBRL15, SKPC15]. **Solutions** [CCO⁺14, PLM16]. **Solve** [MTFK19]. **Solvers** [DALD18]. **Solving** [DALD18, Fuj11, GO10]. **Some** [JLMP11]. **Somewhat** [MBF18, RJV⁺18]. **Sorting** [FFISC13, LNCX18, LCL17, LBSK17]. **SOSEMANUK** [PC16]. **Sound** [AGCD16]. **Source** [ADJG19, CJ12]. **Source-Code** [CJ12]. **SPAC** [Pan16]. **Space** [BNP10, BKL⁺13, BCMJ10, BBH12, CHN14, CCY⁺16, CYC⁺16, DYW15, DJO11, Fen14, HN11, HMNN12, HK17, JAD⁺18, KH18, LWF⁺17, Nan16, PCHS17, PCHS18, SN16, XDZ11, ZMY11, KMC17]. **Space-Division** [ZMY11]. **Space-Efficient** [BBH12, LWF⁺17]. **Space-Time** [DYW15]. **Spaces** [LTW⁺12]. **SPaCS** [ZGR13]. **Spam** [SL14a, ZL11]. **Spanning** [FEP⁺12, SBI12, TYWC10, WTY⁺14]. **SparCE** [SJVR19]. **Spare** [AGFM11, SC11, AAR19]. **Spare-Enhanced** [SC11]. **Spark** [CZL⁺17]. **Sparse** [JSC⁺19, LPL⁺13, LJG⁺19, MRD19, NZ15, PP16, RO11]. **Sparse-Insertion** [JSC⁺19]. **Sparse-Iteration** [PP16]. **Sparsity** [LYL⁺19, SJVR19]. **Spatial** [DNSS11, KGGJ14, MWY⁺16, SSW12, XHZC16, ZCL⁺16]. **Spatio** [CSPC12, DYCG16]. **Spatio-Temporal** [CSPC12, DYCG16]. **Spatiotemporal** [Cro14]. **Special** [Ano10c, Ano11e, AHI12, AISA16, Avr13, BKPMC13, BMM11, BS10, BKP16, BCS11, BdD19, CHTD19, DPO17, EM12, GC14, GM11, HMO⁺17, LLK18, MG11a, MOS14, NST14, SLPB18, ST11a, VP14, XL16, ZMS13]. **Specially** [LS10a]. **Specific** [AK15, CKKS14, JRC14, LSA⁺17, MGW14, SP16]. **Specifications** [MIS⁺14]. **Specified** [YXWL16]. **SPECT** [KN13]. **Spectral** [YCW11, YLP15, ZMB18]. **Spectral-Null** [YCW11, YLP15]. **Spectrum** [BBVL14, NH10, XWL10, XLTZ11]. **Speculation** [KGGJ14]. **Speculative** [GLXY13, LR18, STR15, XLC14, YLGE14]. **Speculatively** [Bra10]. **Speech** [AWFV13, TBC⁺17, YAG19]. **Speed** [ARM16, Ano13f, CCH⁺15a, GJ15, GY13, GCF⁺16, HK13a, HZ11, NWA12, PBT13, TFCY16, ZL11]. **Speed-Up** [GCF⁺16]. **Speeding** [WGR⁺14]. **Speedup** [ZYL15].

Spike [ZM17]. **Spike-Timing-Dependent** [ZM17]. **Spiking** [AAR19]. **Spin** [CWCS15]. **SpiNNaker** [BFR⁺15, FLP⁺13]. **SpiNNaker-Programming** [BFR⁺15]. **Spintronic** [BDDL18, ZCZ⁺19]. **Split** [CNH13, DMA⁺15]. **Splitting** [HN13, PCHS16]. **SpMV** [YLML15]. **SPONGENT** [BKL⁺13]. **Sporadic** [MFG14]. **Spot** [JT15]. **Square** [ARH14, DRM16, FBE⁺18, GPN11, JKMR11, JLLH19, LP13b, LN12, NL15a, Rus13, WE12]. **Squashing** [YLGE14]. **Squeeze** [CSW⁺15]. **Squeeze-Search** [CSW⁺15]. **SqueezeFlow** [LJG⁺19]. **Squeezing** [FSGAB⁺16]. **SRAM** [AKL14, BMS11, CW16, EKA17, GBA18a, GTRMG18, KL13, RTRM19, SKH16, SBMP18, VPS⁺12, WWY⁺16]. **SRAM-Based** [AKL14, BMS11, EKA17, GBA18a, GTRMG18, KL13, RTRM19, SBMP18]. **SRAMs** [LCY⁺13]. **SRT** [Rus13]. **SSD** [CDQB15, CLCS19, HWS⁺17, HLY14, HCL15, IS11, KLC⁺16, KWC⁺16, KRP18, LBSK17, LLL16, WZ14]. **SSD-Based** [CLCS19]. **SSDs** [CLZ19, CCC⁺17, HJF⁺13, JSH⁺17, KSJ⁺12, LK16a, LCY⁺16, LSG⁺15, LSGZ16, SQJ⁺15, ZWW19]. **ST** [YCL⁺12]. **ST-CDP** [YCL⁺12]. **Stability** [AKKH12, BIP⁺17, Yam10]. **Stability-Optimized** [Yam10]. **Stabilizer** [GM15]. **Stabilizing** [KkC15a, SKA10]. **STABLE** [GBA18a]. **Stack** [CGL⁺13]. **Stacked** [KAH⁺15, MKLW14, SPC⁺18, XCF16, ZDYZ13, ZDYZ14]. **Stackless** [MS15]. **Stage** [KGP15, PLZW14, SVAB14, TS11, ZWL⁺19]. **Stage-Level** [KGP15]. **Staged** [KTAvdS16]. **StageNet** [GFAM11]. **StaleLearn** [LK18]. **Standard** [Red19, MKRM10]. **Standby** [LXJD15, LXDV17]. **Star** [CL12, ZLXW15, ZGWC15]. **Start** [LVMS18]. **State** [AWFV13, Cha10b, CLZ19, DSW⁺14, FHR14, Hie11, Hie13, HT16, JR17, Jun16, KLK18, KBH⁺10, KSJ⁺12, LRP16, LLQ⁺14, LLK18, Lom10, MTGM12, MLE14, MCXZ18, Mon15b, Mon16, MMC⁺16, Mon17, Mon18, Mon19, OPZ15, PDXZ13, PBV11, RRK11, SNY⁺10, SP10, TAH⁺16, Yun12, Zom11b, Zom11a, Zom12b, Zom12c, Zom13, Zom15a]. **State-Retentive** [RRK11]. **Stateless** [XWY10]. **States** [Pom15a, PRM19]. **Static** [ABSK15, CHK10, CTD⁺16, LWY15, LS10c, NM10, Pom12d, Pom15c, RBG14, TCK⁺18]. **Statically** [GLXY13]. **Statistical** [CGT⁺15, CTL⁺17, CRK10, HZ11, RCM⁺16, SIB13, SDP⁺12, SZL⁺16, ZL11]. **Statistics** [WLG⁺19]. **Status** [XWL⁺16b]. **Stay** [Ano11i]. **Stealing** [CG18]. **Steiner** [LHPH15, LSZ⁺15, SG12, SG13]. **STEM** [TCHL18]. **Stengle** [MRD19]. **Step** [RLRL19, LXZ⁺15]. **Stereo** [PTD⁺12, TKT16]. **STES** [CMLS15]. **Stochastic** [BPT10, CBZ14, Dar15, GO10, HXVQ15, HCL⁺14, LB15a, LLQ⁺14, LTVL15, LZZV16, LLW⁺18, NLRB17, QLR⁺11, YMT13, ZGB⁺15]. **Stojmenovic** [Zom15b]. **Stop** [HCC⁺18]. **Storage** [ASM⁺16, AT16, AISA16, BDP15, CK11, CHH⁺13, CHLT14, CQW⁺15, CXYC16, CYC11, CYL⁺14, CLW16b, EFPC16, FYSK14, FHL⁺18, GKD⁺17, GWM⁺17, HSM14, HCD⁺16, HQLX15, HLC⁺19, JJZ⁺16, JRP⁺14, LBSK17, LSK13, LK14, LS10a, LOX⁺13, LLL15, LSG⁺18, LRY⁺15, LLS⁺16, MJWT16, NL16b, PP11, PPKW12, ROGHNB⁺18, SWZG11, SZG⁺18, SYH17, SZW⁺16, SYK14, TRA18, TCYH15, WL13, WCW⁺13, WLK15, WHL17, WJF⁺11, WSXZ13, WJM15, XL16, XDZ11, XLX⁺14, YCKH16, YTD⁺17, YTD⁺18, YHT⁺16, ZWW⁺16, ZFJ⁺17, ZWC⁺18, ZMW15, ZXX⁺14, ZLLX15]. **Storage-Based** [LOX⁺13]. **Storages** [CCY⁺16]. **Store** [LK15a]. **Stored** [CMLS15, JPG10, UMN18]. **Stores** [ZHQX19]. **Storing** [YLY15b]. **Strategies** [BBI⁺13, CTL⁺17, CBTU14,

MW13, TLB⁺17, ZV14]. **Strategy** [CK11, CCL⁺18, JLC10, MMCS18, XLC14, YZ15, ZL15, ZGWC15]. **Strategy-Proof** [ZGWC15]. **Strategyproof** [XWL10, XLTZ11]. **Stream** [CMLS15, GZG⁺16, GCS⁺13, HZ11, KE19, LTP⁺14]. **StreamCiphers** [ERRMG15]. **Streaming** [CPL17, CLMM11, KTAvdS16, LOH17, LHH14a, LLLJ13, MLH12, PAC⁺12, RBRL15, SHGW15, WLQS13, YW12]. **Streams** [Ged14, LLQ⁺14]. **Stress** [GBA18a]. **Stress-Aware** [GBA18a]. **String** [ASM⁺16, GNSR14, LP13a, PWW⁺11, ZS13]. **Stripe** [FSL⁺17, KLC⁺16]. **Strong** [HTC13, WHL17, ZGW14]. **Strongly** [KW14]. **Structural** [BWCW15, GLTC16, TLL12]. **Structure** [AKJ⁺13, CZP⁺16, HHY11, JP13, KS10a, MKRM10, PPKW12, SJD⁺18, XHZC16, YWW⁺16, ZZ17]. **Structure-Aware** [CZP⁺16]. **Structure-Independent** [MKRM10]. **Structured** [CYC11, MLE14, SL13, SLC15a, WJF⁺11]. **Structures** [ALW11, FLS16, GCL⁺13, LHYZ13, PWTS16]. **STT** [AYC16, CKD⁺17, CFMA19, FKMK16, GBGI18, KCW⁺17, KA19, LHL⁺15a, YLGD19, ZOK⁺19]. **STT-MRAM** [CFMA19, GBGI18, KCW⁺17, ZOK⁺19]. **STT-RAM** [AYC16, CKD⁺17, FKMK16, KA19, LHL⁺15a]. **Stuck** [MMC15]. **Stuck-At** [MMC15]. **Studies** [WHC⁺15b]. **Study** [AE11, AD10, AR17, CTS13, CCLH10, GLP⁺12, GM12, HHC⁺18, SD14, VIDH19, WRW16]. **Stuffing** [CCH⁺15a]. **Sub** [BBPQ15, GD17]. **Sub-Networks** [GD17]. **Subarea** [XLW14]. **Subbanking** [LGMP10]. **Subclass** [WHL⁺12]. **Subcodes** [Red11]. **Sublinear** [DJJ⁺08, Lee12]. **Submicron** [SSJ⁺18]. **Submillisecond** [HGML11]. **Subnetworks** [LY11]. **Suboptimal** [TLP18]. **Subpage** [KLK18]. **Subpage-Aware** [KLK18]. **Subquadratic** [BNP10, CHN14, CLL⁺14, HF15, HMNN12, PCHS17, PCHS18, RM15b]. **Subscribe** [BS15]. **Subsequences** [Pom12a]. **Subset** [BS14, BS16]. **Subspace** [AKKH12, PZZQ19]. **Substitution** [CJK15]. **Substitution-Permutation** [CJK15]. **Substrate** [WTBT13]. **Subsystem** [CVPS19]. **Subthreshold** [LCY⁺13]. **Subtraces** [USP⁺13]. **Subtraction** [KBP13]. **Succinct** [EG11]. **Suffering** [ZHM⁺19]. **Suffix** [LNCX18, NZC11, WNCH17]. **Suitable** [JL11]. **Summation** [BGHL19, DN15, Lef17]. **Sums** [BCTV19, BHR17, KLLM12]. **Supercomputer** [CTD⁺16, LLL⁺17]. **Supercomputing** [YWXZ12]. **Superior** [ST17]. **Superpeer** [GEvS10]. **Superpoly** [HIJ⁺19]. **Supersingular** [BDE⁺11, FHLOJRH18, LNL⁺19]. **Supervised** [FCB⁺19]. **Supplies** [LLLJ13]. **Supply** [DYW15, DMXY14, GSK12, PdG13, QZL⁺16]. **Support** [CCO⁺14, CLM⁺19, DMK⁺15, FGS⁺13, GSG⁺15, HMS⁺12, KLK⁺14, KT12, LKYC12, LKH16, LSG⁺15, MJW⁺14, MWWT13, MW10, MRW⁺15, RKN⁺18, SAR⁺11, SBP⁺14, WLZ⁺15, WGW⁺15, WJY⁺17, ZYW⁺16, ZCK19]. **Supported** [LCL15, ZGG⁺16]. **Supporting** [CT13, KPBC17, LXW⁺19, LSGZ16, SMG14]. **Supports** [KH18]. **Survivable** [Ano13g, GSG⁺15]. **Sustainability** [CFW14, MOS14]. **Sustainable** [CCO⁺14, CRJZ16, MOS14]. **SVM** [JAS⁺15]. **SW** [MH19]. **Swapper** [ZLSI17]. **Swapping** [GCF⁺16, LZZ⁺17b]. **Swarm** [SLC15a]. **Swarms** [WAK⁺17]. **Switch** [DKG13, KKH⁺14, SRR⁺16]. **Switched** [CWF14, LKMSA16]. **Switches** [ACGP13, AHK10, BGMR13, DKG13, GY13, JPLP13, MOYB12, ZWLS15]. **Switching** [AR12, CCH⁺15a, GSK12, Pom12d, Pom13a, SLS⁺12, SO10, Tho15]. **Sword** [WHC⁺15b]. **Symbol**

[MCM16, NL16b, PROM15]. **Symbolic** [BMZ17, NS13, PNKI13, ZJH⁺14]. **Symmetric** [HC13b, MM17, ZWYY15]. **SymPLFIED** [PNKI13]. **Synchronization** [BBB⁺17, HWZ⁺12, KLJ⁺14, LK18, TFCY16, WZLS16, ZJXL11]. **Synchronization-Aware** [HWZ⁺12]. **Synchronization-Based** [BBB⁺17]. **Synchronized** [PRGBSAC19]. **Synchronizer** [Zot10]. **Synchronizing** [HZ11]. **Synchronous** [LYL⁺19]. **Syndrome** [Red14]. **Synergistic** [Pan16]. **Synergizing** [LHH14b]. **Synergy** [LHTG15]. **Synthesis** [AR12, BM13b, CBZ14, DYJ19, DSR15, FSR⁺18, GAFN15, GM12, IB10, JWC12, JRC14, KK18, LH11, MY10, MIS⁺14]. **Synthesizing** [DSKH15]. **Synthesizing** [RBIQ15]. **Synthetic** [GJ14]. **SyRA** [VSC⁺19]. **System** [ADI11, ASM⁺16, AHNT16, AE11, Ano11f, AC11, BKH⁺13, BS15, BBP⁺13, BJ12, BS10, BM13b, BSM⁺14, CMS10, CXZ13, CCO⁺14, CWZ11, CHLT14, CCC⁺18, CLCS19, CH14, DKH⁺13, DSB13, DFP⁺13, DALD18, DCL⁺11, FLP⁺13, IBH⁺13, JZLD10, KM11, KGC14, KP15, KCE⁺18, KBP13, LK10, LYB15, LKK⁺19, LSW15, LLD⁺16, LLS⁺16, LYJ⁺18, LVF19, LSGZ16, MBM11, MMCS18, MLE14, MKM14, NLP⁺14, PP11, PBT13, QWB⁺13, ROGHNB⁺18, RM15c, SOM⁺13, SPC⁺16, SCZ⁺16, SWZG11, SLS⁺12, SN16, SKM14, TKT16, VSC⁺19, WZLX12, WLK15, WWY⁺16, WP16, WSXZ13, XZL⁺19, YY10, YSZ⁺14, YXZZ14, ZGG⁺16, ZZ10, ZMS13]. **System-Dependent** [JCY⁺13]. **System-Level** [AE11, Ano11f, BS10, BM13b, LK10, WP16, ZMS13]. **System-on-Chip** [BKH⁺13, LYJ⁺18]. **System-Wide** [KCE⁺18, SKM14]. **Systematic** [BGM⁺13, DRC14, PWTS16, PC16, Red11, SZW⁺16]. **SystemC** [PFGB14]. **Systems** [AJH15, AXS⁺10, AEP18, AE11, AFH⁺10, ARG14, Ano13g, AISA16, BBPQ15, BKPMC13, BDM⁺19, BIP⁺17, BBB16, BMS11, BM13b, BKP16, BDL⁺13, BGRH15, BDBB18, CAbZM18, CW10, CK11, CHH⁺13, Cha14, CZ14, CHC⁺15, CHTD19, CCH11, CS11b, CYCC11, CQW⁺15, CCY⁺16, CJA⁺16, CvdBC18, CLM⁺19, CQ14, CDK⁺18, CK15, CH14, CWCS15, DZD⁺16, DSB13, DYCG16, DLC⁺13, DSY⁺15, DW10, DKK16, EKJ⁺10, FFCB14, FYSK14, FSR⁺18, GCD⁺11, GGSPM18, GV15, GGA⁺17, GWM⁺17, HRK17, HWZ⁺12, HNV19, HWS⁺17, HWSX17, HS18, Hie13, HCH15, HTC13, HHLK12, HWL⁺14, HZW⁺12, HT12, HWSN15, HLA⁺17, HHW⁺18, HLC⁺19, JAJK15, JKY10, JKD⁺19, KS10a, KIJ14, KMC17, KMLH11, KAH19, KCRG14, KLJ⁺14, KH18, KAQC14, KA19, Kür12, LBSK17, LSK13, LSSE15, LXJD15, LXDV17, LS10a, LSS13, LOX⁺13, LLL15, LCH⁺15, LTVL15, LSG⁺18, LcZLG19, LH12b, LKT13, LZZZ13, LMB⁺16, LLW⁺11, LXZ⁺15]. **Systems** [LZZV16, LZZ16, LHH17, LJVV18, MW10, MJWT16, MS15, MBB⁺17, MG11a, MUMB11, MBSSA19, MNK11, MCXZ18, MTBB10, MW13, NL16a, NL16b, NVB16, OGP14, OKC13, PKC⁺17, PDXZ13, Pan16, PCLN15, PBL16, PC10, PBE17, QZL⁺16, QLH⁺16, RVC⁺15, RF14, RDEN10, RSU17, RBR13, SSKL16, SDP⁺12, SVD18, SIVH16, SMN⁺17, SSW12, SL13, SLC15a, SZG⁺18, SKM14, SL14b, ST11a, SD13, SYH17, SWZG15, TLZV11, TB15, TSK16, TRA18, Tsa13, TFCY16, TS11, VSC⁺19, VSF⁺17, WS14, WLC⁺15, WZM⁺16, WSZ⁺16, WSL⁺18, WTZ⁺19, WHL17, WhCCC12, WA10, WLZ10, WJF⁺11, XDZ11, XLX⁺14, XTW15, XSR15, YLY⁺15a, YCLH16, YHC19, YPB⁺16, YYW⁺16, YTD⁺17, YHV13, ZLBB19, ZWW⁺16, ZFJ⁺17, ZFHC19, ZQZ⁺19, ZZ19, ZV14, ZZM⁺15, ZL15, ZHM⁺19, ZXX⁺14, ZLLX15, ZCR16]. **Systems-on-Chip** [NVB16, RVC⁺15].

Systolic

[CVGZ15, CLL⁺14, LLOS13, RM15b, WF12].
Sytare [BDM⁺19].

T [GNSR14, ZGR13]. **T-SPaCS** [ZGR13].

T-Transform [GNSR14]. **TA-LRW**

[CFMA19]. **Table** [KCS14, SPC⁺18].

Tables [HC13b, HHY11, HH17, LJ13, LS10c, MS12, Rus13, dLSGDR17].

Tables-and-Additions [LJ13]. **Tackling**

[EE17, USH19]. **TACLC** [CYCC11]. **Tag**

[KCL19, LXZ⁺15, YXWL16]. **Tagged**

[DSB13, RKN⁺18]. **Tagging** [KLK17]. **Tags**

[LLM⁺15, SDZ15]. **Tailored** [NCD⁺17].

Tainting [DCV⁺12]. **Taming** [CVH⁺13].

TAP [LCLC19]. **Target**

[BWV15, GJ14, SBH11]. **Targets** [WF14].

Task [AO11, CFL⁺18, CCK⁺16b, GCR⁺19,

GZB⁺15, HV14a, HLWV17, HGW⁺17,

HNB⁺12, KLK⁺14, LC16a, LYJ⁺18, LMB13,

MBB⁺17, PAC⁺12, PP10, PM14, RBR13,

TB15, TFCY16, WLZ⁺15, WJY⁺17,

ZLBB19, ZLG⁺15, ZGG⁺16]. **Task-Based**

[GCR⁺19]. **Tasking** [CvdBC18]. **Tasks**

[BMP⁺10, Bin15, CGL⁺18, CP10, GHK15,

HV13, HV14b, Li12b, LTVL15, LGS⁺18,

MFG14, MW13, NRG15, TLZV11, WBZ⁺15,

WGR⁺14, YTM16, ZQQ11, ZCYX15,

ZMRQ11]. **TC** [Ano13a, Ano13b]. **TCAM**

[BSS14, BSS15, BBH12, CWZC13, CW16,

KCS14, MS12, RCRK13, SP12, Yun12].

TCAM-Based [BBH12, Yun12]. **TCAMs**

[Li12a]. **TCP** [YCCWC15, ZWH⁺15].

TDM [SMG14]. **TE** [ZMW15]. **TE-Shave**

[ZMW15]. **Technique**

[BCSR14, DSR15, FTP13, GSK12, KTA⁺14,

LSC11, LCT11, PPP13, RBMO11, SRCK10,

TW10, ZZ17, ZMY11]. **Techniques**

[AS12, CM11, CZP⁺16, EKJ⁺10, FBR⁺12,

FCB⁺19, Fuj11, GPRS17, GTRMG18, IS11,

LLHC15, MYW11, NM10, RCN11, SP12,

TJH⁺15, TLL12, XL16, ZR15a].

Technologies

[AISA16, BMM11, CHTD19, LHH14b].

Technology [ACM⁺16, WWY⁺16].

Telephone [CB15]. **Temperature**

[AEGH19, HV12, JCY⁺13, KkC15a, LSC10,

YMG16]. **Temperature-Aware**

[HV12, KkC15a, LSC10]. **Template**

[ZYY18]. **Temporal** [AKKH12, CSPC12,

CFMS14, DYCG16, FLS16, LXL⁺13,

LCX⁺16, LC16a, MB12b, SSW12].

Temporary [ZZJ⁺19]. **Tenant** [ZGWC15].

Tensor [KYZC19, Red19]. **Term**

[CYJ⁺10, Ose11]. **Terminal** [LHPH15].

Terms [YL14]. **Ternary**

[ADI11, BT16, FAK16]. **Test**

[AK16, BBI⁺13, BCSR14, BCD⁺16, CZP⁺18,

CCV⁺11, CCC15, CSW⁺15, COLK18,

DPS11, DRS⁺16, FM19, FD16, GPRS17,

HRM⁺16, IGLM15, KN11b, LCY⁺13,

MVB10, NI11, NM10, PN16, PP14, Pom12c,

Pom12a, Pom12d, Pom15c, Pom15b, RC14,

RBG⁺19, WEH⁺19, XCF16, YTND12].

Testability [KT19, MOMT12]. **Testbench**

[PFGB14]. **Testing**

[BCK⁺16, CVMA10, HTH15, Hie11, HL10b,

HWE⁺16, KL13, Li12a, LC16b, MG11a,

MOMT12, NI11, RCC14, ST16, SNM16,

SDL⁺19, XCF16, XKT⁺15, ZOD13]. **Tests**

[CM11, Pom12c, Pom12b, Pom12d, Pom13a,

Pom13b, Pom14, Pom15a, Pom16a, SP10].

Text [QWB⁺13]. **Textual** [CYJ⁺10]. **th**

[KCK16]. **Thank** [Mon19]. **Thank-You**

[Mon19]. **Their** [GM12, KBP13, LK10].

Them [MMP13]. **Theorem**

[Fan16, HTA10]. **Theoretic** [SCK10].

Theoretical [GLH⁺19]. **Theory**

[AS10, EFPC16, LLL15, LCHC14, SKEB18].

Thermal [AQPMS15, BTBB14, KAH19,

LZZZ13, LYJ⁺18, MMCS18, MKM14,

PKC⁺17, RVC⁺15, RCN11, SVAB14,

TCHL18, WJY⁺17, WWT⁺18, XCF16,

ZMW15, khR⁺18]. **Thermal-Aware**

[AQPMS15, KAH19, LYJ⁺18, MMCS18,

WJY⁺17, XCF16]. **Thermal-Constrained**

[TCHL18]. **Things** [LGH⁺17]. **Third**

[QZL⁺16]. **Third-Party** [QZL⁺16]. **though**

[CS15]. **Thrashing** [LCLC19]. **Thread** [HGCT13, KK10, LKJ15, LR18, LLX⁺17, LY18, RCM⁺16, TLGM17, XLL⁺18, ZJS14]. **Thread-Aware** [ZJS14]. **Thread-Level** [XLL⁺18]. **Threaded** [TLGM17]. **Threading** [CvdBC18, MS15, RCC14]. **Threat** [YZF⁺10]. **Three** [CNH13, CCE⁺18, Hia16, Hia17, JWH⁺15, MKLW14, PC16, SG13, Ste14]. **Three-Dimensional** [CCE⁺18, JWH⁺15, MKLW14]. **Three-Moduli** [Hia16, Hia17]. **Three-Vertex** [SG13]. **Three-Way** [CNH13]. **Threshold** [Cil11, FSGAB⁺16, MHK15, RMKR12, STE17]. **Throttling** [LK16a]. **Throughput** [AFC10, CVGZ15, CA12b, FFISC13, HGCT13, KAH18a, KHZ17, LMC⁺15, LCL17, OMFH14, PRM16, RL13, VC10, WSL⁺18, YM11, ZZYZ14]. **Throughput-Efficient** [YM11]. **Throughput-Optimal** [RL13]. **Throwbox** [LYT⁺16]. **Throwbox-Assisted** [LYT⁺16]. **Throwboxes** [LYT⁺16]. **Tianhe** [XYF⁺15]. **Tianhe-2** [XYF⁺15]. **Tier** [LZW⁺15]. **Tiered** [SRHC12]. **Tight** [ST18a]. **Tighter** [YLH10]. **Tightly** [DMK⁺15]. **Tightly-Coupled** [DMK⁺15]. **Tiled** [KPS⁺17]. **Tiling** [QLH⁺16]. **Time** [ABH⁺13, AF14, ADP⁺15, ABEP16, AEP18, AE11, ASBdS16, BM13a, BBK10, BBD⁺12, BBP⁺13, BG12, Bin15, BBB16, BDB18, BPC12, BGRH15, CWF14, CBB19, CW10, Cha14, CWZ11, CYCC11, CCC15, CGL⁺18, CQ14, CLR13, CCAM14, CYL⁺14, DYW15, DCC17, DZD⁺16, DA12, DGC⁺15, DZ10, DKK16, EE17, FM16, GKB⁺10, GCLC11, GPRS17, GGA⁺17, GCAG16, GSF⁺10, HB11, HXVQ15, HWZ⁺12, HV12, HCH15, HK16, HHLK12, HWL⁺14, HXL11, HCC⁺12, HV14b, HC17, HGW⁺17, HZW⁺12, HCZW13, IBH⁺13, JAJK15, JSH⁺17, JWWZ16, KS10a, KSS12, KM11, KRR⁺18, KGP15, KTA⁺14, KMC17, KLLK11, KCE⁺18, KAQC14, KDEV19, KT12, LYH11, LR13, LSC11, LHC⁺14, LAAM11, LMC⁺15, LKLK13, LSSE15, LXJD15, LXDV17, LC16a, LWF⁺17, LLW⁺11, LLM⁺15, LXZ⁺15, LGS⁺18, LMB13, MBD⁺17, MUMB11, MAHD18, MBSSA19, MFG14, MKM14, MW13, NRG15, NZLK14, NZC11, OHCK17, OCK17]. **Time** [OPZ15, PTD⁺12, PC10, PMH⁺14, RHC⁺14, RF14, RM15a, RLX15, SRCbL⁺15, SCJ⁺16b, TB15, TH11, TFCY16, TCHL18, THGT13, TKT16, VK15, WXS12, WBZ⁺15, WLY⁺14, WA10, WLZ10, WSXZ13, WZ14, XWLX17, Yam10, YPB⁺16, YYW⁺16, YHV13, YTM16, YAGB17, ZICL12, ZLBB19, ZD13, ZLY15, ZZ19, ZYY18, ZHM⁺19, ZQQ11, ZCYX15]. **Time-Aware** [WSXZ13]. **Time-Borrowing** [CCAM14]. **Time-Dependent** [LR13]. **Time-Domain** [HXVQ15]. **Time-Driven** [BM13a, RM15a]. **Time-Efficient** [LLM⁺15, LXZ⁺15]. **Time-Evolving** [HCZW13, JWWZ16]. **Time-Memory** [ASBdS16]. **Time-Multiplexed** [GCLC11]. **Time-Predictable** [WA10]. **Time-Series** [ZLY15]. **Time-Slot** [RLX15]. **Time-Triggered** [MAHD18]. **Time/Just** [JAJK15]. **Time/Utility** [KM11]. **Timed** [LH12b]. **Timely** [STR15]. **Times** [YLH10, YLA⁺15]. **Timetables** [DDNP11]. **Timing** [CYCC11, CCAM14, GV14, JRJ⁺18, KTA⁺14, LR16, MMAC19, MMP13, SBP16, SCJ⁺16b, VTA16, YyHL11, ZM17]. **Timing-Aware** [CYCC11, SBP16]. **TLB** [KLK17, SMAR⁺19]. **TLM** [BFP11, PFGB14]. **TMDTO** [MSS⁺18]. **Toeplitz** [PCHS16, RM15b, CNH13, CLL⁺14, HF15, HMNN12, HN13, PCHS18]. **Toffoli** [GM12]. **Toggle** [KCY18]. **Toggle-BasedX-Masking** [KCY18]. **Tolerance** [BWCW15, BKP16, DCK16, EYBK15, GV15, HHCH11, JWH⁺15, JKJ⁺10, KTA⁺14, MSC12, MBSSA19, NLRB17, PPP13, RKR15, RRS⁺16, RZPX19,

SJSLED11, SRK⁺17, SD13, VTA16, VCB⁺13, WZL⁺17, ZBK⁺17, ZL15, ZJXL11].

Tolerant [ALBP14, AE11, BMT14, CFMS14, CHLL16, HCZW13, JK15, KCRG15, KKC15b, LCC10, LW17, LYT⁺16, LQW⁺17, LZS⁺13, QLR⁺11, RVL⁺14, SB16, SMRML17, SDE⁺17, SPH13, WBZ⁺15, WGZ⁺15, ZBW17, ZQQ11].

Tolerating [CZS⁺19, HK15a, KK10, MMC15, MCM16, WNKL16]. **Toleration** [RBK⁺12]. **Tology** [CPL16].

Tology-Aware [CPL16]. **Tomography** [FM16]. **Tool** [DYJ19, LVMS18, ZCS16].

Tools [DMXY14]. **Top** [LRY⁺15].

Top-Down [LRY⁺15]. **Topics** [Ano13d, Ano13c, DPO17]. **Topological** [CMB13, DLL⁺12]. **Topologies** [RKZ16, YUGD14]. **Topology** [AMVOS⁺15, CTD⁺16, CSJ⁺11, DNSS11, HCZW13, JWC12, JRC14, MM16].

Topology-Aware [CTD⁺16]. **Tori** [CS11a, Ste14]. **Torus** [AMVOS⁺15, AVS⁺14, AVS⁺16, MWLJ15, RL13, RKZ16, TYWC10, ZR15b]. **Tower** [ZAG19]. **Trace** [LYH11]. **Trace-Capable** [LYH11]. **Traceability** [SAR⁺11].

Traceback [YZGG16]. **Traceroutes** [PPB⁺14]. **Traces** [RKT19, ZZX⁺15].

Tracing [LZW⁺15, MUMB11]. **Track** [WF14]. **Tracking** [BWV15, CRG⁺13, LLL11, LFH⁺16, OPAGS14, PdG13, RCN11, ST17]. **Trade** [ADOKM10, ASBdS16, BCC⁺16, BS14, BG12, GCAG16, KCL⁺16, KN11b, ZZ10].

Trade-Offs [ADOKM10, ASBdS16, BCC⁺16, BS14, BG12, GCAG16, KCL⁺16, KN11b, ZZ10].

Tradeoff [KCE⁺18, MTFK19]. **Tradeoffs** [ABH⁺13, CSPC12, PvdGG12]. **Traffic** [CHC⁺15, CPL16, CLZ19, DHC⁺16, GSH⁺14, HHM11, HGL⁺15, KGC14, PBT13, SMB⁺15, YZH⁺15, ZWL⁺19].

Traffic-Aware [PBT13]. **Traffics** [GDY15]. **TRAID** [SSW12]. **Train** [HDYS16].

Training [CDK⁺18, SSGB19]. **Transaction** [HPR16, LSG⁺15, SSW12]. **Transactional** [AH13, HPR16, JW16, KCRG14, QGPZ13, RQ14, TPR16, VAN⁺18, WGW⁺15].

Transactions [Ano13c, Ano15a, Ano16a, Ano17a, Ano18a, Ano19a, BKP16, BPC12, CHTD19, DPO17, LDL⁺17, Liu11, LSGZ16, Ano11g, Ano11h, Ano13d]. **Transceiver** [NBZP17]. **Transcendent** [VTW16].

Transducer [AWFV13, CYA13]. **Transfer** [Ano13f, CCL⁺13, HMZ⁺14, HL10a, LCCJ13, Tho15, WCL⁺18]. **Transform** [GNSR14, HHCH11, RMC⁺15, RBMO11, TWTT11, GTRMG18]. **Transform-Based** [RBMO11]. **Transformation** [CI16, JDA⁺16, RBIQ15]. **Transformations** [LTLC12]. **Transforms** [Red18]. **Transient** [DSY⁺15, DKK16, FEP⁺12, MD16, SMRML17, WWT⁺18, ZHM⁺19].

Transiently [BDM⁺19].

Transiently-Powered [BDM⁺19].

Transients [CBB19]. **TranSim** [LZZ16].

Transition [NCD⁺17, Pom12b, Pom13b, ST16, XKT⁺15]. **Translation** [AJH15, CC11, LH16, LVF19]. **TransMap** [JDA⁺16]. **Transmission** [CBTU14, LSL15, MFT⁺17, RSNK17, RSN⁺18, XLS⁺12].

Transparent [CCW⁺10, DHC⁺16, JKJ⁺10, KYZC19, LC16a, LZZ16, WFT⁺19, ZLW⁺17].

Transportation [DYCG16, DAPS14, HDYS16]. **Transpose** [IRMM⁺16]. **Transversals** [WF14]. **Trap** [CCL⁺18, YCL⁺12]. **Trapdoor** [GPR⁺19].

TRAST [MM16]. **Traversal** [DKG13, XHZC16]. **Tree** [AKJ⁺13, AR17, BS14, CLS10, CCC15, CYC11, FYSK14, FEP⁺12, GYC⁺16, GGA⁺17, GY15b, HH17, KK18, KLT16, LP12, LHPH15, LRY⁺15, LSZ⁺15, SDP⁺15, SBI12, TXL11, WXW⁺14, WLC⁺15, YWW⁺16]. **Tree-Based** [LP12].

Tree-Structured [CYC11]. **TreeFTL** [WW16]. **Trees** [CW15, DDNP11, LDP10, SJSLED11, TYWC10]. **Tridiagonal**

[DALD18]. **Trie** [HHY11, HY12, ML16]. **Trie-Based** [ML16]. **Tries** [LYS10]. **Trigger** [KN12, NZ14]. **Triggered** [MAHD18]. **Trigonometric** [dLSGDR17]. **Trinomials** [Fan16, LMZQ17]. **TRIO** [BSS15]. **Triple** [ERRM16, FMP19, LZZ17a, RNS13, TFCY16]. **Triple-Word** [FMP19]. **TRNG** [LB15b]. **TRNGs** [PRM19]. **Trojan** [NDC⁺13, ZZ17]. **TrueNorth** [TBC⁺17]. **Truncated** [DRC14, GPN11]. **Trust** [JWL⁺16, MM16]. **Trust-Based** [MM16]. **Trusted** [JWWZ16, MGdC⁺18]. **Trustworthy** [LSW15]. **TrustZone** [BBA19]. **Truthful** [HZL⁺16, MFG16, MFG14, ZJL⁺16]. **TSAC** [WZL15]. **TSP** [PKC⁺17]. **TSS** [CYJ⁺10]. **TSV** [CCE⁺18, EYBK15, YEY⁺16]. **TSV-Based** [CCE⁺18, EYBK15]. **TSV-to-TSV** [YEY⁺16]. **Tunable** [Nan19]. **Tuning** [NL14]. **Turn** [TLP17]. **Turnaround** [EE17]. **Tweakable** [CMLRHS13, MLCH10]. **Twin** [AMVOS⁺15, AVS⁺16]. **Two** [AJH15, CHL17, LAAM11, LLW⁺11, LLS⁺16, NI11, NL15b, NZC11, PLZW14, Pom15c, RLRL19, Ste14, TWTT11, Tse12, WEX14, WHC⁺15b, ZGR13, ZMRQ11]. **Two-Dimensional** [Pom15c, Ste14, TWTT11, WEX14]. **Two-Factor** [LLS⁺16]. **Two-Level** [AJH15, LLW⁺11, NL15b, ZGR13]. **Two-Rail** [NI11]. **Two-Stage** [PLZW14]. **Twofold** [GO10]. **TXOP** [LHY13]. **Type** [PCHS18, RKN⁺18, WF12, ZCW18, Ima18]. **Type-I** [Ima18]. **Types** [KN11a].

Ultimate [PN16]. **Ultra** [BDDL18, FHW18, LT15, WWY⁺16, XYF⁺15]. **Ultra-Low** [BDDL18, FHW18, WWY⁺16]. **Ultra-Scalable** [LT15, XYF⁺15]. **Unbalancing** [JLC10]. **Unbiased** [LMB17, VMHGN18]. **Unbounded** [XXBL17]. **Uncertainty** [BIP⁺17, LMB13, WHYS16]. **Unclonable** [CJSM17]. **Underwater** [CBVL16]. **Undetectable** [Pom12b]. **Unequal** [CMM15, DRM16, NL15b, NL16a, YW12]. **Unfaithful** [FNS16]. **Unicast** [RBRL15]. **Unified** [AFC10, LLC⁺16, LJY⁺15, LJ15, MF14, SB10]. **Uniform** [NTR14, ST18b, WhCCC12]. **Uniprocessor** [SL14b]. **Uniqueness** [GLH⁺19]. **Unit** [BPG16, GH11, HMS⁺12, LCL17, LN12, MKFM13, PGvdG14, WF17, WE12, ZCW18]. **Unitaries** [KMM16]. **Unitary** [Red18]. **Units** [FFISC13, JRJ⁺18, KN12, Nan16, dOPSR16]. **UNIVERCM** [DFP⁺13]. **Universal** [DZLP14, DFP⁺13]. **Unix** [SF17]. **Unknowns** [NS13]. **Unobtrusive** [MUMB11]. **Unreliable** [BMT14, GHG⁺14, KAH19, RCK⁺16]. **Unschedulability** [ZZ19]. **Unsigned** [JLLH19]. **Unspecified** [NM10]. **Unstable** [YCCWC15]. **Unstable-Bandwidth** [YCCWC15]. **Update** [HY12, KE19, KCS14, LDL⁺17]. **Updates** [BMS12, CLW⁺16a, SZG⁺18]. **Uplink** [CKH15]. **Upon** [LCX⁺16]. **Upper** [Bin15, HCCG10]. **Upsets** [ALBP14, WNKL16]. **Urban** [WAK⁺17]. **Usable** [MAG⁺17]. **Use** [DAPS14, Fin10, MB12a]. **Used** [LOC⁺16]. **User** [HCD⁺16, JCM16, QQW⁺17, RVH⁺16, SZDL14, YCCJ15, ZJL⁺16]. **User-Friendly** [SZDL14]. **Users** [PPB⁺14]. **Using** [ARM16, ABH⁺13, AAR19, ADP⁺15, AKL18, AD16, AXS⁺10, AHNT16, AMG17, AVS⁺14, ADC11, AD13, AS14, BNP10, BD15, BFMT16, BCTV15, BJ12, BBH12, CSS13, CCH15b, CZP⁺16, CTD⁺16, CJA⁺16, CW15, CW16, CLL⁺14, CJK19, CCR⁺17, CND⁺18, CJ12, CH14, Cro14, CP10, CDL⁺17, DN11, DJA14, DLC⁺13, DCV⁺12, DAPS14, EKA17, ERRMG15, ERRM16, EG11, GKD⁺17, GAFN15, GO10, GZB⁺15, GCL⁺13, HTA10, HCSW15, HNB⁺12, IRMM⁺16, JSA17, JZLD10,

JWWZ16, JWL⁺16, JLLH19, JMMP16, KAH18a, KYZC19, KKT15, LP12, LW17, Lee17, LDP10, LLCC13, LCT11, LPL12, LHYZ13, MRD19, MWZ⁺17, MSK15, MHRARG⁺14, MRL⁺18, MF14, ML16, NWA11, NWA12, NM10, OPZ15, OKD⁺16, OKC13, PDXZ13, PP11, PCHS18, PO13, PPB⁺14, PRM19, RVL⁺14, RKR15, RCN11, RM15b, RMERM19, RS10, RD18, SIB13, ST12, SXCL14, SDP11]. **Using** [TW10, TAH⁺16, TZL⁺14, Tho15, TBC⁺17, VED⁺16, VAB14, VA11, WEX14, WSXZ13, WZ14, XLS⁺12, XLC14, XDZ11, XKT⁺15, YKK⁺15, YFJ⁺14, YLML15, YWM19, Yun12, ZNL18, ZCZL16, ZZX⁺15, ZRL15, dDLM11, GV15]. **Utility** [KM11, KFB⁺15, LS13, LTLC12, SMP16, ZJS14]. **Utility-Based** [LS13, SMP16]. **Utility-Directed** [LTLC12]. **Utilization** [AGFM11, ARS16, Bin15, CCY⁺16, CGL⁺18, HZX⁺14, HLA⁺17, JDA⁺16, WLK15]. **Utilization-Based** [CGL⁺18]. **Utilizing** [HK17, PWTS16].

v6 [LP12]. **Validation** [Ano11f, FBR⁺12, KN12, SN16, ZMS13]. **Validations** [PDJ⁺19]. **Value** [ASM⁺16, FMTK19, HWZ⁺17, IS14, JPG10]. **Valued** [LWK11]. **Values** [HK15a]. **VANET** [CYHL14]. **VANET-Based** [CYHL14]. **VANETs** [RBRL15]. **Variability** [GBD⁺15, HLC⁺19, MLS19, PAC⁺12, RBG14]. **Variability-Aware** [GBD⁺15, PAC⁺12]. **Variable** [ASM⁺16, BTW13, PB11, SRK⁺17]. **Variable-Length** [ASM⁺16]. **Variance** [LVMS18]. **Variants** [HNB⁺12]. **Variation** [DSG⁺19, HK16, KCRG15, KSC⁺14, KKC15b, LSA18, ZDYZ13, ZDYZ14]. **Variation-Aware** [ZDYZ13, ZDYZ14]. **Variation-Induced** [HK16]. **Variation-Tolerant** [KKC15b]. **Variations** [DMXY14, RKR15, WTBT13]. **Varying** [ALZ16]. **vCUDA** [SCSL12]. **Vector** [BZ15, CNH13, CLL⁺14, HF15, HMNN12, HN13, KN11a, KT12, PCHS16, PCHS18, Pom15b, RS17, RM15b]. **Vector-Magnitude-Based** [KN11a]. **Vectorization** [AMG17]. **Vectors** [Ibr16]. **VEGa** [SME⁺17]. **Vehicle** [WLYY16]. **Vehicular** [SME⁺17, YZH⁺15, YMT13, ZGB⁺15, ZHW⁺16]. **Verifiable** [CLW⁺16a, WCH⁺15]. **Verification** [BIP⁺17, GABK11, HCC⁺12, LJ18, MVB10, Rus13, SKEB18, VYEB17, ZL18]. **Verified** [Wal19]. **Verifying** [Hie13, UHSA17, VYEB18]. **VERsatile** [DFP⁺13, CVH⁺13, IRMM⁺16]. **Version** [CHH⁺13, WLC⁺15]. **Version-Based** [CHH⁺13]. **versus** [KCE⁺18, MMP13]. **Vertex** [DHW⁺19, SG13, YL14]. **Vertex-Edge** [DHW⁺19]. **Vertex** [LLD⁺16]. **Vertically** [DSPB13]. **Vertices** [LXK12]. **Very** [AISA16, SBM15]. **VFI** [HWZ⁺12, KCL⁺16]. **VFI-Based** [HWZ⁺12]. **VFI-Enabled** [KCL⁺16]. **via** [ASTU10, BCTV19, BKV12, CZS⁺19, CLW16b, DZLP14, GM15, GRL⁺14, HT12, JKMR11, JWWZ16, KCY18, LPL⁺13, LLKA19, LCLC19, RLX15, RZPX19, YyHL11, YLH13, ZLN11, ZWL⁺19]. **Victim** [TCYH15]. **Video** [CLMM11, KL16, RBRL15, YASS14]. **ViPZonE** [GBD⁺15]. **Virtual** [CSS13, DKW15, DSY⁺15, ECJ⁺16, GBD⁺15, JJK⁺11, JK15, JAS⁺15, JKJ⁺10, KJL11, KP15, LTW⁺12, LGF⁺15, MSG14, Man16, PLP⁺13, PP11, RSN⁺18, SCZ⁺16, SCSL12, VTW16, VGF16, VMB19, WGLL13, WZL15, WLLZ16, XLL⁺14, XLJ16, YCK16, YWQX15, ZRS⁺16, ZL18, ZJXL11, Zot10]. **Virtualization** [CXLX15, cCWS14, LH16, RTL⁺18, RZPX19, SKYK16, UVL⁺13, XH16]. **Virtualization-Based** [RZPX19]. **Virtualized** [AJH15, LZ15, WBZ⁺15, ZL16, ZCYX15]. **Virtually** [AGFM11]. **Virus**

[LLL11, OWP16, PWW⁺11]. **Vision** [NVB16, TJH⁺15, TKT16]. **VLIW** [GSL10, Yan14]. **VLSI** [BG12, BKP16, CCR⁺17, FM16, RMC⁺15, TWTT11]. **VM** [RSNK17, ZLSI17]. **Vol** [Ano15a, Ano16a, Ano17a, Ano18a, Ano19a]. **Volatile** [AK19, Cha14, CHTD19, HZX⁺14, JAKD18, JSA17, JW16, LKBS16, LHL⁺15a, LXW⁺19, LZZ⁺17b, QLH⁺16, RD18, SJD⁺18, SZZ⁺19, SZL⁺16, TAH⁺16, WWY⁺16, WWY⁺18, WNKL16, XZL⁺19, YWW⁺16, ZFHC19]. **Voltage** [ACW⁺11, AEGH19, DA12, FSGAB⁺16, FCB⁺19, JSH⁺17, KkC15a, LKYC12, MHK15, NY15, NYHB16, NY19, OKC13, PdG13]. **Voltage/Frequency** [DA12]. **Volumes** [LBSK17]. **Voting** [CHL17, LY18]. **vs** [Red19]. **VSPN** [CYHL14]. **Vulnerabilities** [LDP10]. **Vulnerability** [BPBBL13, MTGM12, MMTM15]. **Vulnerable** [JAS⁺15, WBG19].

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