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Title word cross-reference

-Analog [CFK22]. **-Bit** [LCSP14]. **-D** [HYWA09]. **-depth** [CV12]. **-means** [VOB19]. **-Phase** [SMT⁺17]. **-Qubit** [NPS⁺20]. **-SNE** [MPZ21]. **-tree** [YYC07].

2 [CJ14a, CV12, HYWA09, RSD23b, SMT⁺17]. **/high** [MP10]. **/high-** [MP10].

20 [NPS⁺20]. **3** [ARLB18, AGD⁺20, BAT⁺22, VRBS16, BLKM23, BCT⁺13, CKC⁺18, CMK⁺21, CJ14a, CBK⁺22, CH14, CRKP22, FRB08, KSB⁺08, KYEB15, KKC17, KWWI17, LKC15, LDK⁺18, LKK⁺22, LDP⁺20, MRG22, SCL17, SKRX13, TJ13b, TTS22, TZS14, VOB19, WL22a, XLBB06, XCF08, XDX14, XPD12, ZJS10, ZMC15, ZCB⁺22]. **4** [LCSP14]. **2** [SKY25]. **K** [VOB19]. **κ** [MP10]. **μ** [RFDT15]. **$\Sigma\Delta$** [GGTG⁺20]. **T** [YYC07, MPZ21]. **$\Theta(\sqrt{n})$** [CV12]. **V_{th}** [MP10].

1 [LZBW20]. **100GBd** [XLL⁺18]. **10nm** [GVR17]. **14nm** [TGCJ16]. **19** [KKNM22]. **1S1R** [BSL⁺18].

2 [ZLWB20]. **2.0** [BLKM23]. **2006** [CS07]. **2007** [LC08]. **2008** [Bah09]. **2011** [AD14, SN10]. **22nm** [TGCJ16].

a-Si [HCTK08]. **ABC** [PPM⁺13]. **Abnormality** [TW22]. **Abstraction** [DRL⁺19]. **Accelerate** [CRSSBMR21, IGGR19]. **Accelerated**

[JCK23, KKNM22, ZJT⁺14]. **Accelerating** [AAO21, CRKP22, DEW⁺23, ERGK21, LWY22]. **Acceleration** [ASP⁺18, BRZ21, KMC⁺22, LZXL22, ORC⁺24]. **Accelerator** [DCP⁺21, DK21, DBS⁺21, GLL⁺21b, HM21, KPM22, KPPB17, LLX⁺18a, NAY24, PJSM17, PAP⁺22, SBZT20, YLR⁺23, ZBF⁺22, ZK18]. **Accelerators** [BBB⁺22, CMZR23, GGHP⁺24, HFLZ22, KAS⁺22, KKK22, LTO22, LYL19, MEHT21, MMAAK23, WL19, WL22a, XCS⁺19]. **Accelerators-based** [MEHT21]. **Access** [AIK21, GLMG⁺15, LBJ⁺16, RSD23b, AKW⁺13, CSKM13]. **Access-Transistor-Free** [GLMG⁺15]. **accessibility** [GN08]. **AccHashtag** [JCK23]. **Accumulation** [BSS16]. **Accumulation-Mode** [BSS16]. **Accuracy** [ACH⁺17, GKT⁺18, NPH18, TKBM12, WWZ⁺22]. **Accurate** [CMJ14, CQZ⁺21, CLZ⁺22, ZF15, KTW08]. **Achievable** [KAKSP14]. **achieving** [WWJ09]. **ACM** [BC08, SLCJ22, Shu09, ZLWB20]. **across** [AMVG12, JRLR15]. **Activation** [HLH⁺12, LQYL19, YMWH21]. **active** [ABS⁺12, PDLS06]. **Activity** [MKG⁺23]. **Actuators** [ZF15]. **Adaptation** [LJL18]. **Adapting** [AIK21]. **Adaptive** [GLMG⁺15, MGK18, KMD12, LCT12]. **ADC** [MSB⁺22]. **Adder** [BSL⁺18, ISI⁺18, MGMU22, MGZ⁺17, NV14, CV12, TR13]. **Adders** [AHHS21]. **Addition** [CV11]. **Address** [IASK20]. **Addressable** [GG17]. **addressing** [SRD⁺06]. **Adiabatic** [KT20]. **Advanced** [GHHW19, YWF18]. **Advances** [TSB15]. **Adversarial** [HMP⁺22, HYPW22, LDZ22, XZL⁺21]. **AER** [KWG⁺20]. **AES** [YWF18]. **Against** [DCSA22, PHS⁺23, GCC⁺23, GSC17, LDZ22, RSBA23, ZCX⁺17]. **aggregated** [HMP⁺22]. **aging** [AMA⁺14, CNPR14, KCC⁺14]. **Agnostic** [CTP14]. **AI** [JHPG22, PYSJ22, RAG⁺25]. **AI-enhanced** [PYSJ22]. **Algorithm** [CRSSBMR21, CEW⁺13, DBS⁺21, LCSP14, LFDS22, MPZ21, MCT18, PP21, RDH14, SKB13, VOB19, YL14, BBB⁺22]. **Algorithms** [CLKG17, CLSD18, CQL21a, CQL21b, MS19, PT14a, SCLW19b, SCLW19a, GMM12, PSM⁺06]. **alive** [ABS⁺12]. **All-Optical** [GB18, EDCL⁺22]. **All-Spin** [MS17, VSRR15, XZR⁺22]. **Alleviate** [WXW⁺17]. **Allocation** [KXY16, LKL⁺18, WWJ09]. **Allocator** [WL22b, YXD⁺17]. **Allow** [KMS⁺20]. **alternate** [LBGR08]. **Alternative** [RKM15, TV17]. **ALU** [SDSS14]. **Amplifier** [SFD17]. **Analog** [ASP⁺18, BY18, BSS16, CHA20, KKK22, MSC⁺21, RSD⁺23a, WWZ⁺22, YLR⁺23, ZSPC19, CFK22]. **Analog-Trojan-resilient** [RSD⁺23a]. **Analysis** [AHPC21, ARLB18, AHS22, AHHS21, BBB⁺16, BWL⁺21, GRPT13, GG17, GFZ13, GPW⁺15, HON21, KBT24, KYEB15, KCWL⁺16, LTKP16, MLW⁺23, NLK⁺13, PYSJ22, RPBA21, RBHG21, WDG⁺20, WYZ⁺20, CCTP08, CSKM13, CWT14, DWL10, HCTK08, KSG14, PHS⁺23, PFOL07, RBGC14, ZFT13]. **Analytic** [VOB19]. **Analytical** [KYEB15, REL⁺22]. **Analytics** [CRKP22]. **Analyzing** [PAC⁺22]. **Annotation** [PPM⁺13]. **Anomaly** [KPFM16]. **Anonymity** [WM24]. **Anonymous** [PHS⁺23]. **ANT** [CLZ⁺22]. **ANT-UNet** [CLZ⁺22]. **Anti** [CCW18]. **Anti-Reverse** [CCW18]. **API** [RBG⁺22]. **Application** [AIK21, DKK⁺15, DJH⁺19, FC18, LZX⁺21, Tah06, WDG⁺20, AMVG12, XS14]. **Application-driven** [WDG⁺20]. **Application-independent** [Tah06]. **Application-Level** [LZX⁺21]. **Application-Specific** [DKK⁺15, FC18]. **Applications** [ASP⁺18, BOAC⁺20, FNO⁺19, GYM⁺17, GLL⁺21b, HVB22, IGGR19, JWJ⁺17, KPPB17, KHC⁺22, RAG⁺25, SJKS20, SLCJ22, SHAC19,

TTS22, MFA⁺¹³, PFOL07]. **Approach** [ARD24, BM15, BBB⁺²², BS15, DRSR14, DJ16, GAR⁺²⁵, JRLR15, LDK⁺¹⁸, SMR23, SMR⁺²¹, ZY18, ZGSA15, CQZK14, RT08, SZSS10]. **Approaches** [EDZ⁺²³, SMZ⁺¹⁹]. **Approximate** [AHHS21, GP17, JLL⁺¹⁷, LQYL19, MEHT21, SJKS20, SVA⁺¹⁸, SBT20, TT20]. **Approximation** [HYPW22]. **Arbitrary** [Mog14]. **Architecting** [KBM21, Mit17]. **Architectural** [ABM21, Mit16, PJT25, VO06, WKL16]. **Architecture** [AMH⁺²⁴, AM18, BYHT18, CRKP22, CNH12, CTT⁺²⁰, DPB11, GLL^{+21a}, GLL^{+21b}, JOF⁺¹⁵, JMKM21, JRJ22, KDSD24, LZXL22, LLX^{+18a}, LZBW20, LDP⁺²⁰, LPM⁺¹⁹, MAC⁺²¹, NLL⁺¹⁷, SGR⁺¹², VK18, VDB⁺¹⁶, VOB19, WX15, YYBK19, ZLB⁺²², ZLWB20, ZK19, dLBHC22, CQZK14, CV12, CA11, MTC⁺⁰⁸, Moh12, PDLS06, PDL07, SCI⁺⁰⁹, TWL09, TCSV09, ZJS09a, ZJS10, ZJS09b]. **architecture-level** [Moh12]. **Architectures** [ACM⁺²⁰, AMF⁺¹⁵, CMM⁺¹⁸, CDP17, CCWCC15, DJ16, ERGK21, GCO⁺¹¹, GMGA23, GNY⁺²², KK23, LGL15, MSB⁺²², MPZ21, Rez23, RMG15, Shu09, WZL16, YJ18, YP17, BPH⁺¹¹, CDG⁺¹², Deh05, FGZ14, KWFH12, WVG13, XLBB06, ZMT13]. **Area** [CKC⁺¹⁸, CCH16, KCWL⁺¹⁶, PFRR17, XZR⁺²², RT07]. **Area-efficient** [XZR⁺²²]. **Arithmetic** [JLL⁺¹⁷, PAP⁺²², VMNI08, Gla14, WL22a]. **AroMa** [CMZR23]. **Array** [CYL25, KKY⁺²⁰, LZXL22, LYWW13, MZZ23, MTC⁺⁰⁸]. **Arrays** [BSL⁺¹⁸, CEW⁺¹³, CCH16, HHD⁺²³, WHL⁺²¹, ZJK22, CCTP08, CSKM13]. **Artifact** [KRP⁺²¹]. **Artificial** [Dea14, KBM21, WLJC21, XYJ⁺²¹]. **ASBUS** [YWF18]. **ASIE** [KWG⁺²⁰]. **ASL** [ALY⁺²¹]. **Assays** [GCB14]. **assembled** [GRS05]. **Assertions** [WJWM23]. **Assessment** [RNN⁺²², VOB19]. **Assignment** [YJ18, SLS⁺¹⁴, ZS08]. **Assisted** [GAR⁺²⁵, MPR⁺²²]. **Associated** [GCO⁺¹¹]. **Associative** [CCWCC15, JRJ22, SBR19]. **Assurance** [BWL⁺²¹, GCC⁺²³, AML⁺²³, JDPH⁺²³]. **assured** [MEHT21]. **Asymmetric** [CJ16, GVRR17, GJ17, GZZ⁺²¹, LPW18]. **Asynchronous** [GRPT13, GGTG⁺²⁰, KWG⁺²⁰, SM11, VGZ11, VSM19, ZSXY11, CB09]. **Asynchrony** [SN11]. **Attack** [DDG⁺²², GCTF20, HMP⁺²², LZXL21, SKY25, WHB⁺²¹, ZLGL21]. **Attacks** [ABM21, ASK23, BGX⁺²¹, CMZR23, DCSA22, GCC⁺²³, JCK23, JWJ⁺¹⁷, LYEK22, LTO22, LDZ22, PHS⁺²³, RSBA23, WM24]. **Audio** [HYPW22]. **Audit** [SPS⁺²⁴]. **Authentic** [TFR23]. **Authentic/Counterfeit** [TFR23]. **Authentication** [Bis17, IGR⁺¹⁶, MKMS22, RDS24]. **Authorization** [ASMK22]. **Autoencoders** [HYPW22]. **Automata** [DPB11, TNWD20, dLBHC22, DWL10]. **Automated** [DMR06, GCJ17, WJWM23, XHSC07, ZS08]. **Automation** [WD22, ZCB⁺²², CZ05]. **Autonomous** [LPB⁺¹⁵]. **Auxiliary** [LDZ22]. **Aware** [CYL25, GLMG⁺¹⁵, GUP11, HMC25, MPM13, MKW⁺¹⁴, NPS⁺²⁰, PFRR17, PRG⁺¹⁵, SLCJ22, WX15, DJH⁺¹⁹, DLL⁺¹⁹, LHHZ19, MSCS19, RHB⁺²⁰, RMBC12, SAAR20, STA⁺¹², TMG⁺²¹, YWH⁺¹³]. **B** [FCR23]. **B-open** [FCR23]. **Back** [NLW⁺²⁰]. **Backpropagation** [DCP⁺²¹]. **Backside** [DDR^{+16a}]. **ballistic** [HYWA09, PFOL07]. **bar** [KKY⁺²⁰]. **Barely** [ABS⁺¹²]. **Barnes** [MPZ21]. **Based** [AIK21, BBB⁺¹⁶, BSY⁺¹⁶, BYHT18, CZW⁺¹⁹, DCP⁺²¹, DDP20, DKK⁺¹⁵, DJH⁺¹⁹, FYJ⁺¹⁷, GCO⁺¹¹, GRPT13, GG17,

HFLZ22, HC15, HYPW22, KXY16, KBC⁺23, KHC⁺22, KT20, LTKP16, LPB⁺15, LQYL19, LLX⁺18b, LWY22, MZZ23, MPM13, MSB⁺22, MKSW17, MAC⁺21, NLL⁺17, NPA⁺12, OBLD14, QGW20, RAC⁺24, RNN⁺22, STSG17, SGR⁺12, SSF⁺15, TZS14, TSÁ⁺24, VAK18, VDB⁺16, VSRR15, WX15, WL19, WLJC21, XLL⁺18, YXW⁺12, YLF⁺17, YYPK17, ZJ11, ZCX⁺17, ZY18, ZF15, AMH⁺24, ABR⁺21, ABM21, ASK23, AHS22, BBB⁺22, BMTP24, Bis21, CKA23, CZ05, CHN09, DMR06, Deh05, DBS⁺21, FSD22, GD12, Gla14, GCTF20, HON21, HRR19, HMS⁺05, IBO22, KPM22, KKY⁺20, KKNM22, LYEK22, LJ10, LDK⁺18, LDP⁺20, LTO22, MDS21, MKMS22, MSCS19, MEHT21, MN06, MS20, NLW⁺20, RSBA23, Rez23, RDS24, RCYB22, SZSS10, SAAR20, SPR18, SC06, SKY25, TCSV09, TR13]. **based** [VOB19, WWG⁺19, WYZ⁺20, WL22a, XYJ⁺21, XZR⁺22, YYBK19, ZLB⁺22, ZCDD19, ZH20, WZSC09]. **Batching** [LML⁺19]. **BCD** [TR13]. **BD** [HYA⁺20]. **BD-Net** [HYA⁺20]. **Be** [ABM21]. **beamed** [KK12]. **Beat** [LTKP16]. **Behavior** [BOAC⁺20, GSC17, SMT21]. **Behaviors** [AIK21]. **Benchmark** [XCS⁺19]. **Benchmarking** [BHLD19]. **Benefit** [CKC⁺18]. **Best** [Bah09]. **between** [BMTP24, LDPPB21, TGCJ16]. **Beyond** [KAB⁺21, KZW⁺15]. **bias** [KCC⁺14]. **Biased** [WL19]. **Big** [MLP⁺20]. **BigBus** [BPS19]. **Binarized** [HYA⁺20, SBR19]. **Binary** [CCWCC15, GCJ17, HM21, LLX⁺18a, NHL⁺17, SBR19, TR13]. **biochemical** [RBGC14]. **Biochips** [BMB18, GCB14, HRR19, LBB⁺18, MPM13, OGB18, CZ05, DJRM09, DDM⁺06, RMBC12, RBGC14, SC06, SC08, XHSC07, XC08, YYC07]. **BioFoundries** [DHK⁺23]. **Bioinformatics** [Gui13]. **Biological** [BBR⁺23]. **Biology** [Dea14, FHFK14, HD14, MHW14, MSW14, OBLD14, VMV13]. **Biomedical** [LZCX22, MCH22]. **Biosequence** [GFZ13]. **Bit** [GZZ⁺21, LCSP14, LDZ22]. **Bit-plane** [LDZ22]. **Bit-Widths** [GZZ⁺21]. **Bitlet** [REL⁺22]. **Bitline** [LYWW13]. **Black** [HYPW22]. **Black-box** [HYPW22]. **Bladder** [MGS⁺12]. **Blind** [CVK15]. **Block** [CZQK15, ON15]. **Bluetooth** [EFRB22]. **Bluetooth-enabled** [EFRB22]. **Board** [PB21]. **Boards** [MGST22]. **Boltzmann** [YP17]. **bond** [XS14]. **Bonding** [KKC17]. **Boolean** [GKT⁺18, SWK⁺16]. **Bottom** [NLK⁺13]. **Bottom-up** [NLK⁺13]. **bound** [KHC⁺22]. **bounded** [PP21]. **box** [HYPW22]. **BPLight** [DCP⁺21]. **BPLight-CNN** [DCP⁺21]. **Brain** [BY18, KWWI17, WL22a]. **Brain-inspired** [BY18]. **Breaking** [WM24]. **Bridging** [LDPPB21]. **broad** [GN08]. **Brownian** [PLC⁺13]. **Budget** [TFZ⁺21]. **build** [KSB⁺08]. **buildable** [LRN05]. **Building** [BBR⁺23]. **Built** [CBK⁺22, IBO22, MRG22, CWL⁺13]. **Built-In** [MRG22, CBK⁺22, IBO22]. **Bulk** [BSS16]. **Bundled** [SMT⁺17]. **Bundled-Data** [SMT⁺17]. **Bundling** [SBR19]. **Bypass** [OYLL24, OYLL24]. **Cache** [ARD24, GB18, HAV⁺22, NLW⁺20, VSRR15, ZMC15, TJ13a]. **Caches** [ON15, PAB⁺17, SMT21, CWL⁺13]. **CAD** [FSDT23]. **Calculus** [DD14]. **Call** [SN10]. **Can** [ABM21, WGY21]. **Canonization** [GUP11]. **Capacity** [KXY16, TT21]. **Carbon** [DLWW08, GRPT13, HC15, LKK⁺22, HZY⁺12, MN06, SXL⁺12]. **Carry** [MGZ⁺17]. **Case** [AGD⁺20, PPM⁺13, SCT⁺22, HCTK08]. **Cash** [FMTP22]. **Causality** [MJ11]. **CBRAM** [MKSW17]. **CBRAM-Based** [MKSW17]. **Cell** [BCT⁺13, GG17, MGMU22, SFD17, XZR⁺22, SWJ07]. **Cell-based** [XZR⁺22]. **Cells** [CMJ14, DSB16, KCWL⁺16, MS17, CWL⁺13]. **Cellular** [DPB11, LLX⁺18b, TNWD20,

XLW⁺18, CCTP08, DWL10]. **center** [BPB⁺12, KMD12, SMR⁺12]. **centers** [AMVG12]. **Centric** [KPPB17, NYL⁺20, GNY⁺22]. **CGRAs** [JOF⁺15, TSÁ⁺24]. **Chain** [MLP⁺20, GD12, WFCX09]. **chain-based** [GD12]. **Challenges** [BVM⁺19, FMP⁺21, Ko12, Nar05, Rez23, RAG⁺25, MN06, YW13]. **Challenging** [SMR⁺21]. **Change** [WZL16, JRC⁺13]. **Channel** [ABM21, VDK⁺21, CDP17, PYSJ22, PRV⁺20, ASK23, DDG⁺22, DCSA22, MLW⁺23, RPBA21, RBHG21]. **Characteristics** [KKKK18]. **Characterization** [ASK23, AMA⁺14, LCY19, NLW⁺20, TJ13b, KWFH12]. **Charge** [RFDT15]. **Check** [LBJ⁺16]. **Check-Pointing** [LBJ⁺16]. **Checking** [KDW⁺25, MZR⁺14]. **Checks** [ABR⁺21]. **chemically** [CNHL08]. **Chip** [ASK23, BS21, VRBS16, BKJ19, Bis17, Bis21, CLKG17, CMM⁺18, CZQK15, CKC⁺18, CCW18, CTP14, DJ16, FNO⁺19, GMGA23, KST⁺22, KDMT22, KK23, LDK⁺18, LWM⁺14, LWY22, MSCS19, OYLL24, PDL15, PRG⁺15, QCF⁺16, Rez23, SCLW19a, TZS14, VK18, VSM19, WXW⁺17, WM24, XYM18, ACM⁺20, BPH⁺11, CLSD18, CDG⁺12, CWL⁺13, CJ14b, CA11, DLL⁺19, GMM12, KMC⁺22, LMC⁺11, LWX⁺14, SCLW19b, WVG13, ZFT13, ZXC10, PCD⁺11, YXW⁺12]. **Chip-Level** [CCW18]. **Chips** [CMK⁺21, TFR23, PHS⁺23]. **choices** [Nar05]. **Chronic** [MGS⁺12]. **CIM** [HVB22]. **Circuit** [ACH⁺17, CJ16, DRSR14, GRPT13, GCJ17, GB18, HSZM17, KHR⁺15, LZBW20, MCT18, NPH18, PB21, SAAR20, TT20, TGCJ16, TW22, TSMCB17, VAK18, ZLWB20, BJ10, DLWW08, KCC⁺14, MRH12, MMJ09, Moh12, SZSS10, XDX14, YWH⁺13]. **Circuits** [AUDS22, AMF⁺15, BM15, BS15, CYL25, Che15, CV11, DDP20, DD14, DWK⁺16, DNHL11, HM14, HLS14, HN12, JLL⁺17, KZW⁺15, KDSD24, KKC17, LKK⁺22, LCSP14, MZR⁺14, MJ11, PP21, PLC⁺13, RHB⁺20, SMZ⁺19, SM11, SMT⁺17, TJ13b, TSB15, VGZ11, WWG⁺19, XZR⁺22, ZM22, BCT⁺13, HZY⁺12, KT14, LRN05, LWH14, LJ14, MHL08, MN06, PSM⁺06, Sek07, TR10, TR13, WFCX09, XCF08]. **Circular** [Bis21]. **Classical** [DD14, MMD⁺20]. **Classification** [BYHT18, JLL⁺17, KPPB17, NYL⁺20]. **Classifier** [MSC⁺21]. **Classifiers** [LQYL19, LDZ22]. **Clock** [CH14, Che15, ANR⁺14, MRH12, XPD12]. **Clock-Controlled** [Che15]. **Clock-Tree** [CH14]. **Clocking** [PP21, SSF⁺15]. **Clockless** [MJ11]. **Closed** [CTT⁺20, SSN12]. **Closed-Loop** [SSN12]. **Cloud** [DHK⁺23, KK23, PHS⁺15, AMA⁺14]. **CLU** [DK21]. **Cluster** [DBS⁺21, YYBK19]. **Cluster-based** [DBS⁺21, YYBK19]. **Clustering** [DRSR14]. **Clusters** [PPM⁺13, RT07]. **CMOS** [ASP⁺18, CB09, Che15, HN12, HLH⁺12, KHR⁺15, MP10, Nar05, NAY24, RT07, RYT⁺07, SCI⁺09, SXL⁺12, ZJS09a, ZJS09c, ZJS09b, ZJS10, ZC07, MRR12]. **CMOS-Memristive** [NAY24]. **CMOS-nano** [CB09]. **CMOS/** [MRR12]. **CMOS/molecular** [RYT⁺07]. **CMPs** [GB18, SKRX13]. **CNFET** [MGMU22, PFOL07]. **CNN** [DCP⁺21, KPM22]. **Co** [GKT⁺18, IGGR19, KKY⁺20, LSJ⁺25]. **Co-design** [IGGR19]. **Co-Optimization** [LSJ⁺25, KKY⁺20]. **Co-Processor** [GKT⁺18]. **Code** [CKA23, HH11, LPW18]. **Code-based** [CKA23]. **Codesign** [WXW⁺17]. **Cofactor** [SSP14]. **Cognitive** [KZL15]. **Coherent** [GB18]. **Color** [LM13]. **Combating** [LPW18]. **Combination** [VMV13]. **Combinational** [SBR19].

combined [ZFT13]. **Communication** [KDMT22, KK23, LGL15, NVW⁺22, WM24, LMC⁺11, SX11]. **Community** [HIH18]. **Compact** [JMKM21, SCT⁺22, DLWW08]. **Comparative** [DDR⁺16a, JLL⁺17, KWC⁺20, KST⁺22, KCWL⁺16]. **Compare** [REL⁺22]. **Comparison** [LLSO17, PYSJ22]. **Compartmentalization** [RD22]. **Compatible** [KCD15, KCC⁺14]. **compensation** [MRH12]. **Competitive** [KSA⁺22, KHC⁺22]. **Compilation** [HFLZ22, NPS⁺20]. **Compiler** [LKK⁺22, RBG⁺22]. **Compilers** [SPS⁺24]. **complete** [WWG⁺19]. **completion** [MNT14]. **Complex** [PSY⁺18, TT21, WVGP13]. **Complexity** [MCH22, SGR⁺12]. **Component** [AHPC21]. **Components** [Mit17]. **Composable** [MHW14, ZCDD19]. **Comprehensive** [RAG⁺25, VOB19]. **Compressing** [TFZ⁺21]. **Compression** [MCH22]. **Compressive** [QGW20]. **Compressors** [GP17]. **Computation** [AL17, CVK15, HVB22, HSZM17, MSB⁺22, MMD⁺20, TNWD20, YLF⁺17, ZLB⁺22, YWH⁺13, WDT14]. **Computation-In-Memory** [HVB22, MSB⁺22, ZLB⁺22]. **Computational** [KHC⁺22, MSW14, TT21]. **Computations** [MDS21]. **Compute** [WWZ⁺22]. **Compute-in-Memory** [WWZ⁺22]. **Computed** [XYJ⁺21, XZL⁺21]. **Computer** [AVK16, EDZ⁺23, GNY⁺22, WZL16, CV12]. **Computers** [JRLR15, PSY⁺18, SCT⁺22]. **Computing** [Ano18, ASP⁺18, BY18, BOAC⁺20, BRR⁺25, BH17, CYL25, CQZ⁺21, DMYT15, EDCL⁺22, FYJ⁺17, FSD22, GIS⁺22, HN15, JRLR15, KZL15, KKK22, KWWI17, LGL15, LP17, Mit16, MS20, NLL⁺17, NV14, NYL⁺20, NHL⁺17, PAF18, RCYB22, SJKS20, SCL17, SMR23, SVA⁺18, SBR19, SDSS14, SK16, SHB⁺21, SPR18, TTS22, TSMCB17, TV17, VAK18, WYZ⁺20, WD22, XNK18, ZSPC19, ZK18, AMA⁺14, KMD12, KT14, MHL08, McK07, PG12, VO06, WZSC09, WDH⁺09, YW13]. **Computing-In-Memory** [KKK22, WYZ⁺20]. **CONCEALING** [RDM⁺21]. **CONCEALING-Gate** [RDM⁺21]. **Conditional** [PSR17]. **Configuration** [Bis17]. **configuring** [RT08]. **Congenital** [XYJ⁺21]. **Congestion** [MKW⁺14, RMBC12]. **Congestion-Aware** [MKW⁺14, RMBC12]. **Connected** [AGD⁺20]. **Connections** [LKC15]. **Connectivity** [OYLL24]. **Conservative** [PPM⁺13]. **consideration** [LWH14]. **Considerations** [MRR12, UMB⁺18, ZM22, BJ10, WOW⁺10]. **Considering** [CYL25, RYT⁺07, SLS⁺14]. **Consistent** [XZL⁺21]. **Constants** [Mog14]. **Constrained** [OGB18, SCLW19b, SCLW19a, TSA⁺24, TMG⁺21, XHSC07]. **Constraint** [HMC25, WXW⁺17]. **Constraint-Aware** [HMC25]. **Constraints** [CCH16, CNHL08, XHSC07]. **Constructions** [CKA23]. **Consumption** [FC18, LBJ⁺16, LYWW13]. **Contactless** [RDM⁺21]. **Content** [GG17]. **Contradictory** [DWK⁺16]. **Control** [GYM⁺17, GCB14, QGW20, RSD23b, ZXC10]. **control-path** [ZXC10]. **Controllable** [MGZ⁺17]. **Controllable-Polarity** [MGZ⁺17]. **Controlled** [Che15, DNHL11, HZSA14, MSB⁺22, SXL⁺12]. **Controllers** [ARD24]. **Converter** [TZS14]. **Convolution** [HYA⁺20, KPM22, SPR18]. **Convolution-over-time** [SPR18]. **Convolutional** [AHS17, DK21, KRP⁺21, LLX⁺18a, LPM⁺19, ORC⁺24, PJSM17, PSL⁺19, TZR20, ZH20]. **Coprocessor** [ASP⁺18]. **Core** [BKJ19, DMYT15, KDMT22, KPFM16, Rez23, YWF18, DJH⁺19]. **correlated** [MLW⁺23]. **Correlation** [AAFM13, WM24]. **Cortically** [DBS⁺21]. **Cosine**

[DBG⁺14, KSA⁺22]. **COSMO** [GIS⁺22]. **CosMoS** [PJT25]. **Cost** [GLL⁺21a, GCJ17, HSZM17, KXY16, KHC⁺22, LCSP14, LNL19, MRG22, PJT25, LBGR08, TR10]. **Cost-competitive** [KHC⁺22]. **Cost-Effective** [MRG22, PJT25]. **Cost-Efficient** [GLL⁺21a]. **count** [MCT18]. **Counter** [HON21]. **Counterfeit** [TFR23]. **Countering** [LYEK22]. **Countermeasure** [BBB⁺16, GCTF20]. **Countermeasures** [DLTSNA20]. **Counting** [VAK18]. **Coupled** [GKT⁺18, YLF⁺17, WWG⁺19]. **Coupling** [AGR⁺23, KKC17]. **COVID** [KKNM22]. **COVID-19** [KKNM22]. **CPDI** [XDX14]. **CPU** [REL⁺22]. **Critical** [CWT14, SPS⁺24, SHAC19]. **Critical-reliability** [CWT14]. **Criticality** [DRL⁺19, WDG⁺20, YWH⁺13]. **Cross** [BS15, DDG⁺22, DKK⁺15, KWC⁺20, KST⁺22, KKY⁺20, LYWW13, PRG⁺15, SS15, ZGSA15, XDX14]. **Cross-bar** [KKY⁺20]. **Cross-device** [DDG⁺22]. **Cross-Layer** [BS15, DKK⁺15, KST⁺22, PRG⁺15, SS15, ZGSA15, KWC⁺20]. **Cross-power** [LYWW13]. **cross-power** [XDX14]. **Crossbar** [BSL⁺18, CYL25, KZL15, LLSO17, MZZ23, NHL⁺17, UMB⁺18, WDW13, WRWW17, YL14, ZJK22, ZH20, ZK18, CQZK14, Tah09, ZMT13]. **Crossbar-based** [ZH20]. **Crossbars** [MS19, PDL15]. **Crossover** [RHB⁺20]. **Crossover-aware** [RHB⁺20]. **Crosstalk** [SMR23]. **Crypsis** [GSC17]. **Crypto** [PHS⁺23]. **Crypto-analysis** [PHS⁺23]. **Cryptographic** [ABR⁺21, RSBA23]. **Cryptography** [CHA20]. **Cryptosystems** [CKA23]. **Crystal** [EDCL⁺22]. **CSMO** [WDG⁺20]. **CT** [KBC⁺23]. **Cubes** [DRSR14]. **Current** [AMH⁺24, KKKK18, MGK18, RFDT15]. **Current-Voltage** [KKKK18]. **Cyber** [LBB⁺18]. **Cyber-Physical** [LBB⁺18]. **Cycle** [FSDT23, XZL⁺21, ZF15, SZSS10]. **Cycle-Accurate** [ZF15]. **cycle-based** [SZSS10]. **Cycles** [JRLR15]. **cycling** [GD12].

D [CV12, ARLB18, AGD⁺20, BAT⁺22, VRBS16, BLKM23, BCT⁺13, CKC⁺18, CMK⁺21, CJ14a, CBK⁺22, CH14, CRKP22, FRB08, HYWA09, KSB⁺08, KYEB15, KKC17, KWWI17, LKC15, LDK⁺18, LKK⁺22, LDP⁺20, MRG22, SCL17, SKRX13, TJ13b, TTS22, TZS14, VOB19, WL22a, XLBB06, XCF08, XDX14, XPD12, ZJS10, ZMC15, ZCB⁺22]. **D-IC** [BLKM23, CH14]. **D-NoC** [VOB19]. **D-ReG** [LDP⁺20]. **DAC** [CS07, LC08]. **DAHM** [AMVG12]. **Dark** [KDMT22]. **Data** [ACM⁺20, FHFk14, NLW⁺20, PSM⁺06, PJT25, SMT⁺17, SCZ⁺12, VTKT22, ZPL⁺20, AMVG12, ABS⁺12, BPB⁺12, KMD12, SMR⁺12, ZJS09a, VTKT22]. **Dataflow** [GLL⁺21b]. **Dataset** [JDPH⁺23]. **DC** [TZS14]. **DCT** [BBB⁺22]. **DDR_x** [HTMH18]. **De-obfuscation** [GCTF20]. **Deadline** [SN10]. **Deadlock** [LKC15]. **Deadlock-Free** [LKC15]. **decimal** [Gla14]. **Decipher** [JMKM21]. **decision** [LJ14]. **Decomposition** [HZSA14]. **Deep** [ASMK22, AHS17, ATW⁺22, AA021, CKC⁺18, CQZ⁺21, CMZR23, DCP⁺21, DDG⁺22, DEW⁺23, HHD⁺23, KKKK18, KMC⁺22, LDP⁺20, LDZ22, PSR17, PAP⁺22, PSY⁺18, RBHG21, RBG⁺22, SM19, SMR⁺21, STNP21, TWLL19, WL22a, YLR⁺23]. **DeepPeep** [JMKM21]. **Defect** [FCR23, GUP11, WDW13, WHL⁺21, YL14, DWL10, PDL07, SCI⁺09, Tah06, Tah09, TWL09, XC08, YYC07]. **Defect-Aware** [GUP11]. **Defect-Free** [YL14]. **defect-tolerant** [YYC07, ZMT13]. **defect/error** [TWL09]. **defect/error-tolerant** [TWL09]. **Defects** [CHN09, FMW⁺22, KKC17, MRG22]. **Defending** [LDZ22]. **Defenses** [BGX⁺21]. **Defined** [HMC25]. **degradation**

[Edi14, SLS⁺14]. **Delay** [BY18, CMJ14, CKWK18, Gla14, GCTF20, KKC17, LMM18, SMT⁺17, TGCJ16, CWT14, TR10]. **Delay-based** [Gla14, GCTF20]. **Delay/Power** [TGCJ16]. **Delivery** [HLH⁺12, WXW⁺17, ZSXY11, ZS08]. **Demand** [HLH⁺12]. **Demonstration** [BRR⁺25]. **Denoising** [XZL⁺21]. **Dense** [SBR19]. **Denser** [RMW⁺17]. **dependability** [PUBV07, TG07]. **Dependence** [NPA⁺12]. **Dependent** [AMF⁺15, ZWL⁺15, LYL19]. **Deployment** [PJSM17]. **Deposited** [LLSO17, BPH⁺11]. **Depth** [HYA⁺20, PP21, CV12]. **Depth-bounded** [PP21]. **Depth-wise** [HYA⁺20]. **Depthwise** [KRP⁺21]. **Depthwise-Separable** [KRP⁺21]. **Descent** [HHD⁺23]. **Describing** [KAB⁺21]. **Design** [ASB⁺21, AMH⁺24, ACH⁺17, AHS22, AGR⁺23, BBB⁺22, BKJ19, BSY⁺16, CZ05, CYL25, CJ16, CTP14, CTT⁺20, DKK⁺15, DRL⁺19, FSDT⁺23, GRPT13, GP17, GG17, GJ17, HM14, JMKM21, JWJ⁺17, KBT24, KDW⁺25, KHC⁺22, KT20, LPB⁺15, LDK⁺18, LPW18, LML⁺19, LZBW20, LZCX22, MRR12, MSB⁺22, MS20, MCT18, NPH18, NV14, OBLD14, OYLL24, PCD⁺11, PUBV07, RDM⁺21, Rez23, SFD17, SAAR20, SDSS14, SS15, SN11, TJ13a, TR10, TR13, TTS22, TSB15, TSMCB17, UMB⁺18, WOW⁺10, WD22, XLBB06, XZR⁺22, ZJK22, ZJS09a, ZLWB20, ZSPC19, ZCB⁺22, ZGSA15, dLBHC22, BJ10, BCT⁺13, CB09, CDG⁺12, CJ14b, CNHL08, DMR06, DLWW08, Gla14, GRS05, HMS⁺05, HZY⁺12, IGGR19, KP10, LBGR08, LMC⁺11, MLK⁺08, MRH12, MN06, Nar05, OSLT06, RMBC12, SXL⁺12, WFCX09, XDX14, XHSC07, ZC07, ZXC10, ZJS09c]. **design-considerations** [BJ10]. **Design-time** [AMH⁺24]. **Designing** [AVK16, ARD24, DBG⁺14, RYT⁺07, TKBM12]. **Designs** [ACJ17, FNO⁺19, SM19, TZS14, ANR⁺14, ZS08]. **Detect** [JWJ⁺17, TFR23]. **Detecting** [JCK23]. **Detection** [ABM21, ATW⁺22, BYHT18, CKWK18, DRG21, GLL⁺21a, GAR⁺25, HHH18, KBC⁺23, KPFM16, LPM⁺25, MGMU22, MLP⁺20, MKG⁺23, SGR⁺12, TW22, ZFT13]. **Detection-Based** [KBC⁺23]. **Detector** [LTKP16]. **Detector-Based** [LTKP16]. **Development** [FMW⁺22]. **Device** [BJ10, CJ14a, EFRB22, HVB22, HD14, LZBW20, LSJ⁺25, SAAR20, YJ18, ZLWB20, ZK19, DDG⁺22, Edi14, RYT⁺07]. **Device-aware** [SAAR20]. **Device-Type** [YJ18]. **Devices** [ALY⁺21, BOAC⁺20, CKB20, GBLD15, KT20, LZCX22, MZZ23, NPA⁺12, PDL15, STSG17, TFZ⁺21, TMG⁺21, JRC⁺13, MHL08, RT08, YW13]. **DFR** [BY18]. **Diagnosis** [WHL⁺21, DJRM09, DDM⁺06]. **Diagonal** [HZSA14]. **diagram** [LJ14]. **Diamond** [ATW⁺22, LPM⁺25]. **Digit** [KSA⁺22]. **Digital** [BMTP24, BMB18, Che15, GLL⁺21a, GCB14, HM14, HLS14, IBO22, KZL15, LBB⁺18, MPM13, OGB18, DJRM09, DDM⁺06, KT14, LZCX22, RMBC12, RBGC14, SC08, XHSC07, XC08, YYC07, ZXC10]. **Digital-Microfluidic** [LBB⁺18]. **dilution** [RBGC14]. **Dimension** [ST20]. **Dimensional** [GUP11, RAC⁺24, MLK⁺08, WFCX09, XS14]. **DINOS** [VTKT22]. **diode** [BJ10, DMR06]. **diode-based** [DMR06]. **diodes** [LM13]. **Directed** [CKB20]. **Direction** [HMP⁺22]. **Direction-aggregated** [HMP⁺22]. **Directional** [NVW⁺22]. **Disaggregated** [PJT25]. **Disassembly** [PRV⁺20]. **Disease** [XYJ⁺21]. **displacements** [SWJ07]. **dissipation** [MHL08]. **Distance** [CV11, TT20]. **Distributed** [AAO21, LGYC21, NHL⁺17, AMVG12, STA⁺12, VMNI08]. **distributed-memory** [VMNI08]. **Distribution** [MGST22, RSBA23, XPD12]. **Disturbance** [ZCX⁺17]. **Diverse** [OK22]. **Division**

[XLL⁺18]. **DL** [DDG⁺22]. **DMAC** [RSD23b]. **DNA** [BRR⁺25, MT14, SKB13, VTKT22]. **DNN** [HYA⁺20, LTO22, MMAAK23, SPS⁺24]. **DNNs** [JMKM21]. **Domain** [KWC⁺20, Mit17, SBZT20, XDX14]. **Domain-Wall** [Mit17, SBZT20]. **Dormant** [DRG21]. **Dot** [DPB11, TNWD20, DWL10, WDH⁺09]. **DPA** [DLTSNA20, ZJ11]. **DRAM** [ARD24, YYBK19]. **DRAM-Flash** [YYBK19]. **DRAMs** [BJ10]. **Driven** [LHW⁺17, BGX⁺21, GMM12, WDG⁺20, XS14]. **driver** [HCTK08]. **Droplet** [GHHW19, HRR19, MPM13, XHSC07, XC08]. **Droplet-Aware** [MPM13]. **droplet-interference** [XHSC07]. **Dropout** [IBO22]. **Drug** [HLH⁺12]. **DSE** [WDG⁺20]. **DSP** [TWL09]. **DTA** [TMG⁺21]. **DTA-PUF** [TMG⁺21]. **Dual** [DLTSNA20, MFA⁺13, PAF18, PP21, YJ18, MP10]. **dual-** [MP10]. **Dual-Mode** [PAF18]. **Dual-Rail** [DLTSNA20]. **Durable** [BGX⁺21]. **duty** [GD12]. **DVFS** [MKW⁺14, ZF15]. **DWT** [SGR⁺12]. **Dynamic** [CThG15, GB18, JOF⁺15, MRH12, MEHT21, QGW20, SMT21, SHB⁺21, TMG⁺21, YMWH21, ZMC15, AMVG12, DLL⁺19, WWJ09]. **Dynamically** [AIK21, ZJS09a, ZJS09c, ZJS09b, ZJS10].

Early [Ko12, XLW⁺18, ZJK22, ZGSA15]. **Early-Stage** [ZGSA15]. **Easy** [DDR⁺16b]. **ECC** [PFRR17]. **ECDSA** [BBB⁺16]. **ECG** [SCZ⁺12, ZBF⁺22]. **Ecosystem** [OK22]. **Edge** [CQZ⁺21, KK23, MZZ23, MGMU22, SPS⁺24, XZL⁺21]. **Editor** [CLKG17, SCLW19a, Ano18]. **Editorial** [CS07, Cha10, CFK22, HVB22, IN05, JHPG22, Kar20, McK07, Nar08, SLCJ22, SK16, TSB15, TSMCB17, TV17, XCF08, ZLWB20, Shu09]. **Editors** [CLSD18, FNO⁺19, GMGA23, SCLW19b]. **EEG** [KRP⁺21]. **Effect** [CV11, LYWW13, XPD12, HZY⁺12].

Effective [MRG22, MKG⁺23, PJT25, ZBF⁺22]. **Effects** [CYL25, MLK⁺08]. **Efficiency** [CMM⁺18, LLSO17, TKBM12, YMWH21, ZS08]. **Efficient** [BYHT18, CQL21a, CQL21b, CRKP22, DDG⁺22, DJRM09, GLL⁺21a, GLL⁺21b, HN12, HHD⁺23, KDMT22, KDW⁺25, KT20, LKC15, LPW18, LMZZ24, MGMU22, MMAAK23, NV14, NAY24, PJSM17, PSR17, PAF18, RSD23b, SVA⁺18, SMT21, SDSS14, SMT⁺17, SPR18, TZR20, VSRR15, WGY21, XLW⁺18, ANR⁺14, BY18, BS21, GD12, KSB⁺08, LML⁺19, LYL19, MS20, MSC⁺21, PT12, TR13, XZR⁺22, SM11]. **Elastic** [PHS⁺15, ZM22]. **Elasticity** [GOGCK11]. **Electric** [RFDT15]. **Electrical** [YLR⁺23]. **Electro** [ACJ17, DEW⁺23]. **Electro-Photonic** [ACJ17, DEW⁺23]. **Electroencephalography** [TKBM12]. **Electrograms** [ZBF⁺22]. **Electromagnetics** [CFK22]. **Electron** [CEW⁺13, CCH16, WHL⁺21, HYWA09]. **Electronic** [MGST22, YXW⁺12, JRC⁺13]. **Electronics** [BY12, CFK22, Ko12, HCTK08, WZSC09]. **Electrostatic** [GPW⁺15, KKC17]. **electrostatics** [KTW08]. **Electrothermal** [CSKM13, HLH⁺12]. **Element** [SMT⁺17]. **elements** [CW08]. **EM-X-DL** [DDG⁺22]. **Embedded** [FKM22, JCK23, JWJ⁺17, LBJ⁺16, SMR23, TZR20, WHB⁺21, MCT10]. **Embedding** [HIH18, SWK⁺16]. **Embryonics** [TMM⁺07]. **Emerging** [BSY⁺16, DMYT15, DLTSNA20, FMP⁺21, FNO⁺19, GBLD15, KZW⁺15, KBM21, LSJ⁺25, MSB⁺22, MAC⁺21, MPR⁺22, TSB15, WZSC09, BC08, Edi14, PUBV07]. **Employing** [KST⁺22]. **Emulation** [RCYB22]. **Enabled** [CDP17, Rez23, EFRB22, NVW⁺22, WVG13]. **Encoder** [QGW20]. **Encoding** [ZWL⁺15]. **End**

[FKM22]. **End-to-End** [FKM22]. **Energy** [ACH⁺17, BY18, CMM⁺18, CRKP22, DNHL11, GD12, KT20, LPB⁺15, LKC15, LLSO17, LML⁺19, LMZZ24, LYWW13, LJL18, LYL19, MS20, NLW⁺20, NAY24, PFRR17, PSR17, PAF18, RFDT15, SVA⁺18, SCLW19b, SCLW19a, STA⁺12, SMT⁺17, SPR18, TKBM12, TNWD20, VSRR15, ZSXY11, KMD12, KSB⁺08, KP10, MHL08, MCT10, SMR⁺12, WOW⁺10, WCSA10, SM11]. **Energy-** [STA⁺12]. **energy-adaptive** [KMD12]. **Energy-Constrained** [SCLW19b, SCLW19a]. **Energy-Efficiency** [LLSO17]. **Energy-Efficient** [CRKP22, KT20, LKC15, LMZZ24, NAY24, PSR17, SVA⁺18, SMT⁺17, SPR18, VSRR15, BY18, GD12, LML⁺19, LYL19, MS20, SM11]. **Energy-Neutral** [LPB⁺15]. **enforced** [RD22]. **Engine** [ER GK21, KWG⁺20, ZK18]. **Engineering** [BWL⁺21, CCW18, QCF⁺16]. **Engines** [AL17, WWZ⁺22]. **Enhanced** [AHS22, PYSJ22]. **enhancement** [SC06]. **Enhancing** [FMTP22, KMD12]. **Ensembles** [WGY21]. **Entanglement** [ST20]. **Environment** [RNN⁺22, OSLT06]. **Epidemiology** [KKNM22]. **Epilepsy** [SSN12]. **Epileptic** [SGR⁺12]. **equation** [KTW08]. **Equivalence** [KDW⁺25]. **Era** [KDMT22, MAC⁺21, SMR⁺21, TSMCB17]. **Error** [AHHS21, CYL25, GYM⁺17, NPS⁺20, LWX⁺14, ZXC10]. **Error-Aware** [CYL25, NPS⁺20]. **Error-Tolerant** [GYM⁺17, TWL09]. **Errors** [LPW18, SKRX13]. **ESN** [GLL⁺21a]. **ESOP** [DRSR14]. **Estimation** [CMJ14, GCJ17]. **Eternal** [RSD⁺23a]. **Eternal-thing** [RSD⁺23a]. **Eucalyptus** [AMA⁺14]. **Evaluating** [CMZR23, RT07, SJKS20]. **Evaluation** [CTP14, DRL⁺19, GRS05, IBO22, JLL⁺17, MKW⁺14, WGY21, CDG⁺12]. **Events** [KWG⁺20]. **EVHA** [AML⁺23]. **Evolutionary** [HM14, Sek07]. **Evolving** [TG07]. **Exact** [TSÁ⁺24]. **Examples** [HMP⁺22, HYPW22]. **Exascale** [DMYT15]. **Execution** [MPM13]. **Existing** [WWC23]. **Exit** [XLW⁺18]. **Explainable** [AML⁺23]. **Explained** [MLP⁺20]. **Explicit** [ABR⁺21]. **Exploiting** [ACM⁺20, DK21, JMKM21, KXY16, KDSD24, SLC⁺17, VDB⁺16]. **Exploits** [WYZ⁺20]. **Exploration** [LDK⁺18, WKL16, ZJK22, TJ13a, XLBB06, ZJS09a, ZC07]. **Exploring** [KAB⁺21, RD22, SKRX13]. **Extended** [KDSD24, PPM⁺13]. **Extensible** [KAKSP14]. **Extension** [MMD⁺20]. **Extracting** [NPS⁺20]. **Extraction** [YL14]. **Extractor** [RFDT15]. **Extreme** [KKK22]. **F** [OYLL24]. **F-Bypass** [OYLL24]. **Fabric** [DPB11]. **Fabrication** [CCH16, VDB⁺16]. **Fabrication-Induced** [VDB⁺16]. **Fabrics** [NLK⁺13]. **Failure** [KYEB15, KKY⁺20, PFRR17, VAK18]. **Failure-Aware** [PFRR17]. **FAM** [SKY25]. **Fast** [KBC⁺23, SMT21, SKB13, WDG⁺20, YL14, ZCSG21]. **Fault** [ABR⁺21, BBB⁺16, BKJ19, CBK⁺22, CVK15, DJ16, FMW⁺22, HH11, IBO22, JCK23, JWJ⁺17, LDPPB21, LCK19, MGZ⁺17, PHS⁺23, SLC⁺17, SKY25, VAK18, DDM⁺06, SCI⁺09]. **Fault-Based** [BBB⁺16, IBO22]. **Fault-Injection** [JCK23, PHS⁺23]. **Fault-Tolerant** [BKJ19, CVK15, DJ16, HH11, LCK19, MGZ⁺17, ABR⁺21]. **faults** [CHN09]. **Feature** [SPR18]. **Feedback** [BY18]. **Ferroelectric** [LWY22]. **Ferroelectric-Based** [LWY22]. **Field** [AGR⁺23, ATW⁺22, BMB18, KR18, NPA⁺12, WWG⁺19, HZY⁺12]. **Field-coupled** [WWG⁺19]. **Field-Coupling** [AGR⁺23]. **field-effect** [HZY⁺12]. **Fields** [CThG15]. **File** [WX15]. **Files** [ZCX⁺17]. **Fin** [BSS16]. **Fine** [BLKM23, SMT⁺17, MLK⁺08]. **Fine-Grain** [SMT⁺17, MLK⁺08]. **Fine-grained**

[BLKM23]. **FinFET** [BJ10, BSS16, CMJ14, CJ14a, CJ14b, CJ15, DLTSNA20, FCR23, GJ17, KCWL⁺16, LJ10, MMJ09, SSF⁺15, TJ13a, TJ13b, TGCJ16, YJ18, ZJ11]. **FinFET-Based** [SSF⁺15, ZJ11, LJ10]. **FinFETs** [CJ16, GVERR17, GJ17]. **Fingerprinting** [Bis21]. **Firmware** [FKM22]. **Flash** [HC15, YYBK19]. **Flexible** [BKJ19, KRP⁺21, MMAAK23, PAF18, HCTK08, LWH14]. **Flip** [AM18]. **Flip-N-Write** [AM18]. **Floating** [HC15, NV14]. **Flow** [GCB14, WM24, ZPL⁺20, DMR06, ZJS09c]. **Fluidic** [WWC23]. **fluids** [RBGC14]. **Fluigi** [HD14]. **fly** [IASK20]. **Folding** [MMAAK23]. **Forest** [MPZ21]. **Form** [CTT⁺20]. **Formal** [CCTP08, GYM⁺17]. **Formalizing** [FHFk14]. **formulation** [YYC07]. **formulations** [ZMT13]. **Fortifying** [LTM22]. **FPGA** [AHPC21, AHS22, BRZ21, CKA23, GLL⁺21a, HON21, LLX⁺18a, LLX⁺18b, LYL19, LMM18, LSJ⁺25, RCYB22, SKY25]. **FPGA-Based** [LLX⁺18b, AHS22, HON21, RCYB22]. **FPGAs** [AAO21, RT07, ZPL⁺20]. **FPIC** [JDPH⁺23]. **Framework** [CJ15, FKM22, FMW⁺22, HFLZ22, KAS⁺22, KBC⁺23, KPFM16, LPB⁺15, LH20, LLX⁺18b, NPH18, PRG⁺15, RCYB22, SDSS14, XYJ⁺21, ZJK22, MCT10]. **Fredkin** [DJ08]. **Free** [DBG⁺14, GAR⁺25, GLMG⁺15, LKC15, Mog14, WRWW17, YL14]. **Frequency** [CFK22, EFRB22, JOF⁺15, KAKSP14, LTKP16]. **Frontiers** [CLSD18]. **Frontside** [DDR⁺16a]. **Full** [MGMU22]. **Fully** [CCWCC15, KXY16, TZR20]. **Function** [LQYL19, TMG⁺21]. **Functional** [GCO⁺11, Sek07]. **Functions** [DDR⁺16b, FSD22, LTM22, SWK⁺16, UMB⁺18, PT12]. **Fundamentals** [PLC⁺13]. **Fusing** [ORC⁺24]. **Future** [BLKM23, DLTSNA20, GMGA23, KAB⁺21, RSD23b, CA11, MN06]. **GALS** [PCD⁺11]. **Gap** [LDPPB21]. **Garbage** [DBG⁺14, Mog14, TR10]. **Garbage-Free** [DBG⁺14, Mog14]. **GARDENIA** [XCS⁺19]. **gas** [HYWA09]. **Gate** [HC15, LSH14, RDM⁺21]. **Gated** [BJ10, JRJ22]. **Gated-diode** [BJ10]. **Gated-RRAM** [JRJ22]. **Gates** [AHSZ16, CJ14a, DWK⁺16, HZSA14, DJ08]. **Gating** [HN12, ZF15]. **Geckos** [GSC17]. **gem5** [CJ15]. **gem5-PVT** [CJ15]. **Generalized** [WHL⁺21, RBGC14]. **Generation** [AMH⁺24, HYPW22, KK23, MKG⁺23, TW22, WJWM23, XCS⁺19]. **Generator** [CKA23]. **Generators** [LTKP16, ST20]. **Genes** [AAFM13]. **Genetic** [ARD24, BBB⁺22, MZR⁺14]. **Genetic-algorithm-based** [BBB⁺22]. **genomics** [GN08]. **geographically** [AMVG12]. **Geometric** [DSB16]. **Global** [DDP20, XPD12]. **Golden** [GAR⁺25]. **Golden-Free** [GAR⁺25]. **GPGPU** [LCY19, TWLL19, WX15]. **GPU** [BS21, CRKP22, LLX⁺18a, LML⁺19, MPZ21]. **GPU-Outperforming** [LLX⁺18a]. **GPUOPT** [BS21]. **GPUs** [SPS⁺24, ZCX⁺17]. **Gradient** [HYPW22, HHD⁺23]. **Grain** [SMT⁺17, MLK⁺08]. **grained** [BLKM23]. **Graph** [CRKP22, FSD22, MDS21, PP21, XCS⁺19]. **Graph-based** [FSD22]. **Graphene** [DDP20, HC15, KHR⁺15, WLJC21, WZSC09]. **Graphene-Based** [WLJC21, WZSC09]. **green** [AMVG12, PG12]. **greener** [GD12]. **Grid** [ZGSA15]. **Guarantees** [GYM⁺17]. **Guarding** [DCSA22]. **Guest** [CLKG17, CFK22, HVB22, JHPG22, SCLW19a, SLCJ22, Shu09, SK16, TSB15, TSMCB17, ZLWB20, Ano18, CLSD18, FNO⁺19, GMGA23, SCLW19b]. **Guided** [MCH22, WDG⁺20]. **H** [HCTK08]. **Hack** [MLP⁺20]. **Hamming** [RSBA23, TT20]. **Hardening** [LBB⁺18].

Hardware

[ASB⁺21, ABR⁺21, ALY⁺21, ASK23, AHS22, ATW⁺22, BBB⁺22, BSY⁺16, BGX⁺21, BHL19, BWL⁺21, BVM⁺19, CRSSBMR21, CLKG17, CLSD18, CQL21a, CQL21b, CCWCC15, CKWK18, DBS⁺21, DRG21, DCSA22, EFRB22, FMP⁺21, GCC⁺23, GAR⁺25, GFZ13, HIH18, AML⁺23, IGGR19, KPM22, KKY⁺20, KDW⁺25, KRG⁺23, KCD15, KKNM22, LPM⁺25, LQYL19, LFDS22, LJI18, LCK19, MEHT21, MAC⁺21, MPR⁺22, MKG⁺23, PJSM17, SLC⁺17, SBR19, SCLW19b, SCLW19a, SLCJ22, WYZ⁺20, WHB⁺21, XLW⁺18, ZLGL21, TMM⁺07]. **Hardware-accelerated** [KKNM22]. **Hardware-Assisted** [MPR⁺22]. **Hardware-Aware** [SLCJ22]. **Hardware-Based** [LQYL19, MAC⁺21]. **Hardware-oriented** [AHS22]. **Hardware-Software** [IGGR19]. **Harvesting** [RSD⁺23a, RFDT15, ZSXY11, KP10, MCT10, WOW⁺10, WCSA10]. **Hashing** [JCK23]. **HBM** [ARD24]. **HDL** [OSLT06]. **HDLQ** [OSLT06]. **HDRLPIM** [RAC⁺24]. **Heart** [XYJ⁺21]. **Hermitian** [AHSZ16, HZSA14]. **Heterogeneous** [AAFM13, BHL19, CTP14, HTMH18, IASK20, KHR⁺15, LGL15, LDP⁺20, MMD⁺20, SM19, VK18]. **Heterojunction** [KCWL⁺16]. **Heuristic** [BM15, PT12]. **Heuristics** [RPBA21]. **Hexagonal** [KDSD24]. **Hiding** [FHF14]. **Hierarchical** [DBS⁺21, LFDS22, YXW⁺12]. **Hierarchy** [PHS⁺15, VSRR15]. **High** [ASP⁺18, BYHT18, BH17, CJ16, CRKP22, GN08, HRR19, LTKP16, LML⁺19, LZX⁺21, MTC⁺08, PAB⁺17, PSY⁺18, PAC⁺22, SC08, WL22b, XLL⁺18, ZM22, Bea11, BPH⁺11, CA11, LMC⁺11, MN06, PFOL07, RMBC12, WWJ09, ZS08, SM11]. **high-** [MP10]. **high-efficiency** [ZS08]. **High-level** [MTC⁺08, PAC⁺22, SC08, ZM22]. **High-Performance** [ASP⁺18, BH17, CJ16,

CRKP22, PSY⁺18, HRR19, LML⁺19, Bea11, BPH⁺11, LMC⁺11, WWJ09, SM11].

High-Speed

[BYHT18, LTKP16, PAB⁺17, XLL⁺18]. **high-throughput** [CA11, RMBC12]. **Higher** [ST20]. **Highlights** [DR11]. **Highly** [HN12, MGMU22]. **Highly-Efficient** [MGMU22]. **History** [Ko12]. **HMC** [HTMH18]. **Holistic** [BAT⁺22]. **Homogeneous** [HRR19]. **Horse** [DRG21]. **hosting** [AMVG12]. **HPC** [KK23]. **HTM** [ZK19]. **Human** [KWWI17]. **Human-Scale** [KWWI17]. **Hut** [MPZ21]. **HW** [JRLR15]. **HW/SW** [JRLR15]. **Hybrid** [DJ16, DLL⁺19, HAV⁺22, HH11, LNL19, LQYL19, LWM⁺14, LWY22, NAY24, PHS⁺15, PAP⁺22, SMT21, WDW13, YLR⁺23, YYPK17, YYBK19, CB09, CJ14b, LBGR08, LMC⁺11, RT07, SCI⁺09, ZJS09a, ZJS09c, ZJS09b, ZJS10]. **Hyper** [RAC⁺24]. **Hyper-Dimensional** [RAC⁺24]. **Hypercolumn** [PSL⁺19]. **Hyperdimensional** [SBR19]. **Hypervectors** [SBR19].

IBM [NPS⁺20]. **IC**

[BLKM23, CH14, GAR⁺25, SMZ⁺19]. **iConn** [LGL15]. **ICs** [ARLB18, BLKM23, CKC⁺18, CBK⁺22, FRB08, MRG22, RSBA23, SCL17, TZS14, XS14, ZCB⁺22]. **Ideal** [CYL25]. **Identification** [KRP⁺21, SMZ⁺19, CWT14]. **identify** [PT12]. **Idle** [SLC⁺17]. **IEEE** [Shu09]. **IEEE/ACM** [Shu09]. **II** [ZJS09c]. **ILP** [ZMT13]. **Image** [BWL⁺21, CLZ⁺22, MGMU22, MCH22, PSR17, LM13]. **Images** [ATW⁺22, KBC⁺23, XZL⁺21]. **IMFlexCom** [PAF18]. **Impact** [BSS16, DNHL11, KAKSP14, KKC17, KMC⁺22, LZX⁺21, MGK18]. **Implantable** [BY12, HLH⁺12, Ko12, MGS⁺12, SSN12, SCZ⁺12]. **Implants** [MLP⁺20]. **Implementation** [VDK⁺21, CRSSBMR21, JOF⁺15, LFDS22, LLX⁺18b, LMM18,

PCD⁺11, SSN12, XLW⁺18].
Implementations [BVM⁺19, DBG⁺14].
Implementing [SMR⁺12]. **Implicant** [PT14a]. **Implicant-Implicit** [PT14a].
Implications [KAB⁺21, VO06]. **Implicit** [PT14a]. **Improve** [HSZM17, OYLL24].
Improved [DRSR14, DRG21, PT14a, PSR17, ZJ11].
Improvement [RBHG21, XZR⁺22, YMWH21, ANR⁺14, FRB08]. **Improving** [AHPC21, CMM⁺18, HMC25, MPZ21, ON15, RBHG21, SCL17, YWF18]. **In-Field** [BMB18]. **In-Memory** [HFLZ22, HHD⁺23, NHL⁺17, PAF18, RAC⁺24, TT20, KMC⁺22].
In-RRAM [CYL25]. **In-storage** [ORC⁺24].
Incoherent [YLR⁺23]. **Incremental** [XLW⁺18]. **independent** [Tah06]. **indoor** [WOW⁺10]. **Induced** [PAC⁺22, VDB⁺16].
Inductor [TZS14]. **Inductor-Based** [TZS14]. **inductors** [SXL⁺12]. **Inexact** [KT14, MGMU22]. **Inference** [KWG⁺20, KKNM22, MZZ23, WWZ⁺22, ZCDD19].
Information [AAFM13, HLS14, PRV⁺20, DWL10].
information-theoretic [DWL10].
Infrastructure [LGL15, PB21, AMA⁺14].
Inherently [ABR⁺21]. **Initialization** [KKY⁺20]. **Injection** [DDR⁺16a, JCK23, JWJ⁺17, LDPPB21, PHS⁺23]. **Inkjet** [RHB⁺20]. **Inspection** [RAG⁺25].
INspired [VTKT22, CZQK15, DBS⁺21, BY18, CQZK14]. **instability** [KCC⁺14].
Integer [DBG⁺14, WL22a]. **Integer-arithmetic** [WL22a]. **integral** [KTW08]. **Integrated** [BS15, ISI⁺18, KKC17, KHC⁺22, LKK⁺22, MMAAK23, NLK⁺13, TJ13b, TW22, XC08, XLL⁺18, ZXC10, Bea11, BCT⁺13, HCTK08, MN06, WFCX09, XCF08]. **Integration** [AAFM13, KWWI17, MLK⁺08, SX11].
Integrity [CMZR23, PB21]. **Intel** [RBG⁺22]. **Intellectual** [Bis21].
Intelligence [Dea14, KBM21, XYJ⁺21].
Intelligence-based [XYJ⁺21]. **Inter** [CMK⁺21, CBK⁺22]. **Inter-Layer** [CBK⁺22]. **Inter-tier** [CMK⁺21].
Interaction [CV11]. **Interactions** [NPA⁺12]. **Interconnect** [BPS19, KMC⁺22, MN06, MTC⁺08].
interconnection [LJ10]. **Interconnects** [DDP20, KBT24, LLSO17, LKL⁺18, Bea11].
Interface [WKL16, XDX14]. **interference** [XHSC07]. **Intermittent** [RCYB22].
Intermittently [ZPL⁺20]. **Internet** [MPR⁺22]. **Interpolation** [ZCSG21].
Interposer [KBT24]. **Interpreting** [GCB14]. **interstitial** [SC06]. **Intracardiac** [ZBF⁺22]. **Introduction** [Ano18, AD14, BC08, Bah09, BY12, CLKG17, CLSD18, CQL21a, CQL21b, DR11, DHK⁺23, Edi14, FSdT23, FMP⁺21, FNO⁺19, GMGA23, Gui13, HN15, KK23, KP10, LC08, LZBW20, MPR⁺22, MSW14, PG12, PR13, SCLW19b, SCLW19a, SX11, SS15, SN11, TTS22, WDT14, WD22].
Intrusion [BYHT18]. **Investigating** [MLK⁺08]. **Investigation** [GCTF20]. **IoT** [EFRB22, KT20, LYEK22, RSD⁺23a, RDS24, STSG17, TFZ⁺21, TW22].
IoT-based [RDS24]. **IP** [ASMK22, GCC⁺23, OK22, SMZ⁺19].
IP/IC [SMZ⁺19]. **Iris** [TZR20, LMC⁺11].
irregular [LDL10]. **Irreversible** [HLS14].
Issue [BY12, CQL21a, CQL21b, DMYT15, DR11, DHK⁺23, FSdT23, FMP⁺21, GMGA23, Gui13, HN15, KK23, LZBW20, MPR⁺22, MSW14, SS15, SLCJ22, SK16, SN11, TTS22, TSB15, TSMCB17, TV17, WDT14, WD22, ZLWB20, AD14, BC08, CS07, Edi14, McK07, PG12, PR13, XCF08].
JETC [BC08, SLCJ22, TV17, ZLWB20].
JETC/TODAES [BC08]. **Job** [MNT14].
joint [BC08]. **JTAG** [PB21]. **Junction** [VDB⁺16]. **Junctionless** [BSS16].
Keeping [ABS⁺12]. **Kernels** [LCY19]. **Ket** [CD22]. **Key** [BBB⁺16, CKA23, MKMS22].

Key-Sharing [MKMS22]. **Kilobyte** [TFZ⁺21]. **Kilocore** [ACJ17]. **KNN** [MPZ21]. **Kogge** [BSL⁺18]. **Kronecker** [TFZ⁺21].

L2 [PAB⁺17]. **lab** [ZXC10]. **lab-on-chip** [ZXC10]. **labeling** [EWKNW07]. **Laboratories** [DHK⁺23]. **Language** [CTT⁺20, MMD⁺20, OBLD14]. **Large** [Bea11, KCD15, LGYC21, PDL15, SWK⁺16]. **Large-Scale** [KCD15, Bea11, LGYC21]. **Laser** [DDR⁺16a, LKL⁺18]. **Lasers** [FC18]. **Last** [NLW⁺20]. **Last-level** [NLW⁺20]. **Latency** [DKK⁺15, CA11]. **Layer** [BS15, VRBS16, CBK⁺22, DKK⁺15, KST⁺22, LLSO17, NVW⁺22, PRG⁺15, SS15, ZGSA15, KWC⁺20]. **layout** [RMBC12]. **LC** [SXL⁺12]. **LDPC** [LPW18]. **Leakage** [CMJ14, CJ16, MLW⁺23, CJ14b, GJ17, LSH14]. **Leakage/Delay** [CMJ14]. **learnable** [YYBK19]. **Learning** [ASB⁺21, ABM21, ASMK22, ARD24, ATW⁺22, AAO21, AMF⁺15, BWL⁺21, CLKG17, CLSD18, CZQK15, CQL21a, CQL21b, CMZR23, DCP⁺21, DDG⁺22, DJH⁺19, DCSA22, FMTP22, GCC⁺23, GGTG⁺20, GGHP⁺24, HON21, KPPB17, KRG⁺23, KSA⁺22, KPFM16, LDZ22, LGYC21, MEHT21, MS19, PSR17, PSY⁺18, RAC⁺24, Rez23, RBHG21, SAAR20, SCLW19b, SCLW19a, SLCJ22, SMR⁺21, SPR18, STNP21, TWLL19, WL22a, YLR⁺23, ZY18, ZK18, ZK19, CQZK14]. **Learning-Based** [ZY18]. **Learning-Part** [CQL21a]. **less** [HYA⁺20, RSD⁺23a]. **Level** [ARLB18, CCW18, CZW⁺19, DRL⁺19, JWJ⁺17, LLX⁺18b, LZX⁺21, LCY19, MTC⁺08, MP10, Moh12, NLW⁺20, PAC⁺22, SC08, ZM22]. **Leverage** [RPBA21]. **Leveraging** [PRV⁺20, SMR23]. **library** [LCJ14]. **life** [ZJT⁺14]. **light** [WOW⁺10]. **Lightweight** [ASMK22, LHHZ19, MKMS22, MAC⁺21, RDS24]. **like** [HMS⁺05]. **Limit** [LCK19]. **Limits** [LPM⁺25, RD22, GMM12].

Linear [ZCSG21]. **Links** [NVW⁺22]. **Literature** [AAF13]. **LiwePMS** [LHHZ19]. **Loads** [ZSXY11]. **Localization** [CBK⁺22]. **Locally** [DNHL11]. **Lock** [ASMK22]. **Locking** [HMC25, LZX⁺21, SMR⁺21]. **Log** [LH20]. **Log-Structured** [LH20]. **Logic** [AHSZ16, CJ14a, CJ16, CNH12, GCO⁺11, GUP11, GVR17, HMC25, KT20, LCSP14, LP17, LZX⁺21, LMM18, LSJ⁺25, MS17, NLL⁺17, PT14a, SJKS20, SMR23, SSP14, SMR⁺21, SWK⁺16, VGZ11, ANR⁺14, CJ14b, DJ08, HMS⁺05, LJ14, LCT12, MTC⁺08, PT12, TR13, ZMT13]. **Logic-Based** [KT20, NLL⁺17, TR13]. **Loihi** [RBG⁺22]. **Long** [ZSPC19]. **Loop** [SSN12]. **LosPem** [LH20]. **Loss** [HLS14]. **Lotus** [LGYC21]. **Low** [AHHS21, BS20, CJ16, Che15, EFRB22, GBLD15, GLMG⁺15, HHD⁺23, IBO22, KZW⁺15, KHR⁺15, KR18, LTM22, LNL19, MGS⁺12, MMJ09, OYLL24, PRG⁺15, PSL⁺19, QGW20, RMW⁺17, SLC⁺17, STSG17, SGR⁺12, SM19, SSF⁺15, Tah09, TSB15, ZJS10, ZJ11, ZPL⁺20, ABS⁺12, CJ14b, CA11, ERGK21, GGTG⁺20, GJ17, KT14, LBGR08, LMC⁺11, MFA⁺13, WDH⁺09]. **Low-Cost** [LNL19, LBGR08]. **low-latency** [CA11]. **Low-overhead** [EFRB22, Tah09]. **Low-Power** [GBLD15, GLMG⁺15, KHR⁺15, KR18, OYLL24, PRG⁺15, PSL⁺19, QGW20, RMW⁺17, SGR⁺12, AHHS21, BS20, MMJ09, SM19, ZJS10, ABS⁺12, KT14, LBGR08, LMC⁺11, WDH⁺09]. **Low-Rank** [HHD⁺23]. **Low-Swing** [SSF⁺15]. **LTPS** [LBGR08].

Machine [ABM21, ARD24, BWL⁺21, CQL21a, CQL21b, DCSA22, GCC⁺23, GGTG⁺20, GGHP⁺24, HON21, KPPB17, KRG⁺23, KPFM16, LGYC21, MEHT21, MS19, Rez23, SCLW19b, SCLW19a, YP17]. **Machine-Learning** [KPFM16]. **Machines**

[MDS21, NPS⁺20]. **Magnetic** [ATW⁺22, LBJ⁺16, VDB⁺16, XZR⁺22, AKW⁺13, DK09]. **Main** [YYBK19, YXD⁺17]. **majority** [HMS⁺05]. **majority-like** [HMS⁺05]. **Making** [AGD⁺20]. **Management** [CMK⁺21, DJH⁺19, HTMH18, LHW⁺17, LHHZ19, PHS⁺15, PRG⁺15, SHB⁺21, ZJ11, FRB08, GMM12, MP10, MCT10]. **manager** [AMVG12]. **Managing** [NPH18]. **Manufacturing** [CZW⁺19, MRG22]. **Manufacturing-Based** [CZW⁺19]. **Many** [DMYT15, KDMT22, KPFM16]. **Many-Core** [DMYT15, KDMT22, KPFM16, Rez23]. **Manycore** [CMK⁺21, CRKP22, HM21]. **Manycores** [PHS⁺15]. **Map** [RMG15]. **Mapping** [FC18, GCO⁺11, GUP11, KDSD24, MZZ23, TSÁ⁺24, ZMT13]. **March** [SN10]. **Markov** [GD12, KR18]. **Matching** [RDH14]. **MATE** [PHS⁺15]. **materials** [BPH⁺11]. **Matrix** [DD14, GCO⁺11, GUP11]. **Maximum** [KAKSP14]. **means** [VOB19]. **Measure** [BS15]. **Measures** [HON21]. **mechanical** [LWH14, WCSA10]. **Mechanism** [MRG22, RSD23b]. **Mechanisms** [LBB⁺18]. **MEDA** [HRR19]. **MEDA-based** [HRR19]. **Medical** [SLCJ22]. **Medium** [RSD23b]. **Memcapacitive** [TT21]. **Memories** [CCWCC15, HH11, KWC⁺20, LBJ⁺16, SBT20, SCZ⁺12, YYPK17, GRS05, RYT⁺07]. **Memory** [AIK21, ANT22, DK21, GNY⁺22, GLMG⁺15, GG17, GIS⁺22, HTMH18, HVB22, HFLZ22, HC15, HHD⁺23, IASK20, JRJ22, KPPB17, KHR⁺15, KKKK18, KMS⁺20, KKK22, KHC⁺22, LKK⁺22, LHHZ19, LML⁺19, LH20, LFDS22, LYWW13, MDS21, MRR12, MSB⁺22, Mit17, NYL⁺20, NHL⁺17, PHS⁺15, PAF18, PJT25, RAC⁺24, RMW⁺17, RCYB22, SMR23, SBZT20, SBR19, TT20, WWZ⁺22, WDW13, WRWW17, WHB⁺21, WZL16, WL22b, YYPK17, YYBK19, YXD⁺17, ZSPC19, ABS⁺12, AKW⁺13, CSKM13, KMC⁺22, KSG14, PR13, SKRX13, TCSV09, VMNI08, WYZ⁺20, ZLB⁺22, ZJS09a]. **Memory-bound** [KHC⁺22]. **Memory-Centric** [KPPB17, NYL⁺20, GNY⁺22]. **Memory-Efficient** [HHD⁺23]. **Memory-Storage** [YYPK17]. **Memristive** [ASB⁺21, ANT22, CZQK15, GLMG⁺15, KZL15, MRR12, NAY24, SAAR20, TT20, UMB⁺18, WKL16, YW13, ZJK22, ZK18]. **Memristor** [ASP⁺18, BYHT18, MZZ23, QGW20, ZLB⁺22, dLBHC22]. **Memristor-Based** [BYHT18, QGW20, ZLB⁺22]. **Memristor-CMOS** [ASP⁺18]. **Memristors** [CHA20]. **mesh** [EWKNW07]. **meshless** [KTW08]. **Metamaterial** [NVW⁺22]. **Metamaterial-enabled** [NVW⁺22]. **Method** [BBB⁺16, DDP20, DLL⁺19, GCO⁺11, MZZ23, PP21, SKY25, XYM18, YYBK19, ZSXY11, MHM⁺08]. **Methodology** [AHHS21, CMJ14, CH14, MLW⁺23, CB09]. **Methods** [CZQK15, TSMCB17, CCTP08]. **metric** [SMR⁺12]. **Metrics** [HSZM17]. **MFNW** [AM18]. **MiC** [LCY19]. **Micro** [ABM21, ZLGL21]. **Micro-Architectural** [ABM21]. **Micro-ring** [ZLGL21]. **Microarchitectural** [GOGCK11]. **microarchitecture** [MLK⁺08]. **microarchitectures** [XCF08]. **Microarrays** [SKB13]. **Microdevices** [VMV13]. **Microfluidic** [BMB18, GCB14, HD14, LBB⁺18, MPM13, OGB18, DJRM09, DDM⁺06, RMBC12, RBGC14, SC08, XHSC07, XC08, YYC07, ZXC10]. **Microfluidics** [GHHW19, CZ05, SC06]. **microfluidics-based** [CZ05, SC06]. **Microscope** [ATW⁺22, LPM⁺25]. **Migration** [AIK21, IASK20]. **Millimeter** [MKW⁺14, KK12]. **Millimeter-Wave** [MKW⁺14]. **Million** [AVK16]. **Million-Qubit** [AVK16]. **Minimization**

[CCH16, LJL18]. **Minimum** [LCSP14]. **MINLP** [BM15]. **Mitigate** [ZH20]. **Mitigation** [NLK⁺13, SKY25, WYZ⁺20, ZLGL21]. **Mitigations** [ASK23]. **Mixed** [DRL⁺19, LPM⁺19]. **Mixed-Criticality** [DRL⁺19]. **mixing** [RBGC14]. **ML** [GAR⁺25]. **ML-Assisted** [GAR⁺25]. **MLC** [AM18, LHW⁺17]. **MLC/TLC** [AM18]. **MN** [PHS⁺15]. **MN-MATE** [PHS⁺15]. **MNEMOSENE** [ZLB⁺22]. **mNoC** [PDL15]. **Mobile** [TWLL19, TSMCB17, YYPK17, WDH⁺09]. **Mode** [BSS16, PAF18]. **Model** [BM15, CCWCC15, FYJ⁺17, FCR23, MZR⁺14, MMD⁺20, REL⁺22, WHL⁺21, DLWW08, MHL08, MTC⁺08, ZC07]. **Modeling** [FMW⁺22, KBC⁺23, LYEK22, LTKP16, MN06, SSN12, SCT⁺22, TGCJ16, TKBM12, ZM22, ZF15, KCC⁺14, KSG14, PFOL07]. **Models** [ASMK22, KMS⁺20, KCD15, KKNM22, MHW14, WJWM23, FRB08]. **Modern** [MPZ21]. **Modular** [FKM22, MHW14]. **Modularization** [FHFk14]. **Modulation** [MGK18, NVW⁺22]. **Modulator** [LZCX22]. **Module** [MPM13, LCJ14, ZS08]. **Module-Based** [MPM13]. **Modules** [TGCJ16]. **Modulo** [TSÁ⁺24]. **Molecular** [AGR⁺23, CNHL08, DPB11, GPW⁺15, PDL15, SCT⁺22, WDW13, KSG14, KTW08, MHL08, RYT⁺07]. **Molecular-Spin-Qubit** [SCT⁺22]. **Money** [BMTP24]. **Monitoring** [AUDS22, EFRB22, MGS⁺12]. **Monolayer** [RMW⁺17]. **Monolithic** [CKC⁺18, CMK⁺21, CBK⁺22, KKC17, LKK⁺22, TTS22, ZCB⁺22, BCT⁺13, XDX14]. **MOS** [KZW⁺15]. **Motion** [MGMU22]. **Movement** [PJT25]. **MRAM** [AKW⁺13, DSB16, NLW⁺20, PAF18, SFD17, SMT21, STSG17, VDB⁺16, ZCDD19]. **MRAM-Based** [VDB⁺16, ZCDD19]. **MRAMs** [MFA⁺13, PFRR17]. **MTJ** [MS19, MS20]. **MTJ-based** [MS20]. **Muller** [LJ14]. **Multi** [BRZ21, CMZR23, DJH⁺19, DRL⁺19, KBT24, LLSO17, LLX⁺18b, LCY19, PRG⁺15, Rez23, SKY25, XZL⁺21, LM13]. **Multi-Abstraction-Level** [DRL⁺19]. **Multi-core** [DJH⁺19]. **Multi-Cycle-Consistent** [XZL⁺21]. **Multi-FPGA** [BRZ21]. **Multi-Layer** [LLSO17]. **Multi-level** [LCY19]. **Multi-Level-Optimization** [LLX⁺18b]. **multi-peak** [LM13]. **Multi-Processors** [PRG⁺15]. **Multi-tenant** [CMZR23, SKY25]. **Multi-Terabit** [KBT24]. **Multi/Many** [Rez23]. **Multi/Many-Core** [Rez23]. **Multicast** [CDP17, VOB19]. **Multicast-Enabled** [CDP17]. **Multichannel** [KRP⁺21]. **multicomputer** [VMNI08]. **Multicore** [CDP17, HAV⁺22, PCD⁺11, WXW⁺17, ZMC15, KWFH12, SLS⁺14]. **multidiscipline** [Moh12]. **Multilayer** [HC15, MHM⁺08, BPH⁺11]. **Multilevel** [KST⁺22, MRR12, VSRR15, CWL⁺13, FGZ14]. **Multiparameter** [CJ16, GJ17]. **Multipath** [RNN⁺22]. **Multiple** [DDM⁺06, FMTP22, HZSA14, MMJ09]. **Multiple-Controlled** [HZSA14]. **Multiplexing** [XLL⁺18]. **Multiplication** [CRSSBMR21, ERGK21, GP17, HYA⁺20]. **Multiplication-less** [HYA⁺20]. **Multiplications** [GZZ⁺21]. **Multiplier** [GZZ⁺21, LNL19, LQYL19]. **Multipliers** [Mog14, SVA⁺18]. **Multiprocessor** [YXW⁺12, CJ14b, GMM12, LWX⁺14]. **multiprocessors** [BPH⁺11, CA11]. **multiPULPly** [ERGK21]. **Multistate** [KHR⁺15]. **multiwalled** [SXL⁺12]. **MV** [TWLL19]. **MV-Net** [TWLL19]. **mVLSI** [CKB20]. **mW** [WOW⁺10]. **MWSR** [HAV⁺22]. **MWSR/R** [HAV⁺22]. **MWSR/R-SWMR** [HAV⁺22]. **N** [AM18]. **NANA** [PDLS06]. **Nano**

[GKT⁺18, YLF⁺17, CB09, LDL10, MP10, PDLS06, SCI⁺09, ZMT13, ZJS10, ZC07, MRR12, ZJS09c, ZJS09a, ZJS09b]. **nano-architectures** [ZMT13]. **nano-CMOS** [MP10, SCI⁺09, ZC07]. **Nano-Oscillator-Based** [YLF⁺17]. **Nano-Oscillators** [GKT⁺18]. **nano-scale** [LDL10, PDLS06]. **nano/CMOS** [ZJS10, ZJS09c, ZJS09a, ZJS09b]. **NANOARCH** [Bah09]. **NANOARCH07** [Shu09]. **NANOARCH'09** [DR11]. **nanoarchitectures** [Tah06, Tah09]. **Nanoarray** [FGZ14, GRS05]. **Nanocavities** [EDCL⁺22]. **Nanocomputing** [AGR⁺23, WWG⁺19, WWJ09]. **Nanocrossbar** [GUP11]. **Nanodevice** [GCO⁺11, WZSC09]. **Nanodevice-Based** [GCO⁺11]. **Nanodevices** [CZQK15]. **Nanoelectronic** [LZBW20, TSMCB17, YL14]. **nanofabrics** [DMR06]. **Nanoelectronic** [ZLWB20]. **Nanomagnet** [CNH12]. **Nanomagnetic** [VGZ11]. **nanometer** [CCTP08]. **nanometer-scale** [CCTP08]. **Nanophotonic** [BS20, ISI⁺18, LLSO17, LKL⁺18, NPA⁺12, PDL15, XYM18, LMC⁺11, SX11]. **Nanopipelined** [PT14b]. **Nanoribbon** [HC15, KHR⁺15]. **Nanoribbon-CMOS** [KHR⁺15]. **Nanoribbons** [DDP20]. **Nanoscale** [BOAC⁺20, JRC⁺13, NLK⁺13, Shu09, CQZK14, EWKNW07, Nar05, RT07, RT08, WZSC09]. **nanostructures** [HYWA09]. **nanosystem** [TWL09]. **Nanotechnology** [KBM21]. **Nanotube** [GRPT13, HC15, LKK⁺22, DLWW08, HZY⁺12, MN06, SXL⁺12]. **Nanotube-Based** [GRPT13, MN06]. **Nanowire** [Deh05, RKM15]. **Nanowire-based** [Deh05]. **nanowires** [SRD⁺06]. **Navigating** [CTT⁺20]. **NBTI** [KCC⁺14, LSH14, SLS⁺14, YWH⁺13]. **NBTI-aware** [YWH⁺13]. **Near** [DK21, GVRR17, KXY16, Mit16, NPA⁺12, ORC⁺24, SCL17, TNWD20]. **Near-** [GVRR17]. **Near-Field** [NPA⁺12]. **Near-Memory** [DK21]. **Near-storage** [ORC⁺24]. **Near-Threshold** [Mit16, SCL17]. **negative** [KCC⁺14]. **Neighborhood** [KDSD24]. **NEMS** [HN12]. **Neoteric** [SMR23]. **NeRF** [LMZZ24]. **net** [BPB⁺12, HYA⁺20, TWLL19, WL22a]. **net-zero** [BPB⁺12]. **Nets** [DRG21]. **Network** [ABR⁺21, ASK23, ACM⁺20, BS21, BKJ19, Bis17, Bis21, CMM⁺18, CDP17, CCWCC15, DJ16, GMGA23, GCTF20, HFLZ22, HM21, IGGR19, KKKK18, KKK22, LDK⁺18, LQYL19, LMZZ24, LLX⁺18b, MZZ23, MKMS22, MSCS19, MCH22, MGST22, MSC⁺21, OK22, OYLL24, PDL15, PHS⁺23, PAP⁺22, RDS24, VK18, VSM19, WL19, XYM18, YMWH21, ZBF⁺22, ZSPC19, BPH⁺11, CDG⁺12, LMC⁺11, PDLS06, PT14b, WVGP13, ZFT13, YXW⁺12]. **Network-based** [ABR⁺21]. **network-enabled** [WVGP13]. **Network-on-Chip** [ASK23, BS21, BKJ19, Bis17, Bis21, CMM⁺18, DJ16, GMGA23, LDK⁺18, MSCS19, OYLL24, PDL15, VK18, VSM19, ACM⁺20, BPH⁺11, CDG⁺12, WVGP13, YXW⁺12]. **Network-on-chips** [PHS⁺23]. **Networks** [AHS17, BS20, VRBS16, BRZ21, BHLD19, BVM⁺19, CKC⁺18, CQZ⁺21, CTP14, DK21, Dea14, DEW⁺23, ERGK21, FNO⁺19, JCK23, KST⁺22, KRP⁺21, KCD15, KMC⁺22, LPB⁺15, LZXL22, LLX⁺18a, LNL19, LDP⁺20, LJL18, LPM⁺19, MS20, NAY24, ORC⁺24, PJSM17, PSL⁺19, PSY⁺18, Rez23, RBHG21, RBG⁺22, SBZT20, SM19, SPR18, TZR20, TT21, XLW⁺18, XZL⁺21, ZCDD19, ZH20, GD12, LJ10, LDL10, LWX⁺14, XPD12]. **Networks-on-Chip** [VRBS16, CTP14, FNO⁺19, KST⁺22, Rez23]. **Neural** [ABR⁺21, AHS17, BRZ21, BHLD19, BVM⁺19, CKC⁺18, CThG15, CQZ⁺21,

CCWCC15, DK21, DEW⁺23, ERGK21, HFLZ22, HM21, IGGR19, JCK23, KRP⁺21, KKKK18, KKK22, KCD15, KMC⁺22, LZXL22, LLX⁺18a, LNL19, LQYL19, LDP⁺20, LMZZ24, LLX⁺18b, LJL18, LYL19, LPM⁺19, MZZ23, MS20, MSC⁺21, NAY24, ORC⁺24, OK22, PAP⁺22, PSL⁺19, RBG⁺22, SBZT20, SVA⁺18, SM19, SPR18, WL19, XLW⁺18, YMWH21, ZH20, ZBF⁺22]. **Neuro** [CZQK15, CQZK14]. **Neuro-Inspired** [CZQK15, CQZK14]. **Neuroevolution** [AAO21]. **Neuroevolutionary** [SMR⁺21]. **Neurogenesis** [ZK19]. **Neuromemristive** [ZK19]. **Neuromemristive** [KSA⁺22]. **Neuromorphic** [ASB⁺21, AMH⁺24, Ano18, AMF⁺15, BOAC⁺20, HN15, JRJ22, KZL15, KCD15, MKSW17, PSY⁺18, RMG15, SAAR20, SHB⁺21, SPR18, WKL16, ZWL⁺15]. **Neuron** [HIH18]. **Neurons** [VOB19, ZCDD19]. **Neutral** [LPB⁺15]. **Next** [GFZ13, KK23, XCS⁺19]. **Next-Generation** [KK23, XCS⁺19]. **NFIC** [AGD⁺20]. **NML** [DNHL11]. **NN** [ASMK22]. **NN-Lock** [ASMK22]. **NoC** [ACJ17, AGD⁺20, DRL⁺19, HAV⁺22, KYEB15, MKW⁺14, VOB19, ZF15]. **NoC-Based** [ZF15]. **NoCArc** [GMGA23]. **NoCs** [FC18, GB18, LKC15, LCK19, RSD23b, SHAC19, ZY18, ZLGL21]. **Node** [PHS⁺15, GGTG⁺20, YWH⁺13]. **Nodes** [GVERR17, LWM⁺14, TGCJ16]. **Noise** [CLZ⁺22]. **Noise-Tolerant** [CLZ⁺22]. **Noisy** [DDG⁺22, SCT⁺22]. **Non** [CYL25, GKT⁺18, MCT18, RCYB22, STSG17, WL22b, YYPK17, YXD⁺17, ZPL⁺20]. **Non-Boolean** [GKT⁺18]. **Non-Ideal** [CYL25]. **Non-Restoring** [MCT18]. **Non-Volatile** [STSG17, WL22b, YYPK17, YXD⁺17, ZPL⁺20, RCYB22]. **Nonhierarchical** [PPM⁺13]. **Noninvasive** [TFR23]. **Nonlinear** [KKKK18]. **Nonvolatile** [HC15, LBJ⁺16, SCZ⁺12, SKRX13]. **NORM** [RCYB22]. **Note** [WWG⁺19]. **Novel** [DJ16, FCR23, JDPH⁺23, LH20, MGMU22, SKB13, TZS14, ZSXY11, RT08]. **NP** [WWG⁺19]. **NP-complete** [WWG⁺19]. **NTC** [CV12]. **NTRU** [CRSSBMR21]. **NUCA** [PAB⁺17]. **Number** [HH11, LTKP16, WL19]. **Numbers** [GIS⁺22]. **NxTF** [RBG⁺22]. **Obfuscation** [CZW⁺19, GCTF20]. **Object** [KBC⁺23]. **Objectives** [DWK⁺16]. **Observing** [TGCJ16]. **OFDM** [GLL⁺21a]. **Off** [KK23, FSdT23, ZFT13]. **Off-Chip** [KK23, WXW⁺17, ZFT13]. **Offline** [BMT24, LKL⁺18, MT14]. **offs** [CDG⁺12]. **Oligo** [VTKT22]. **On-Chip** [CLKG17, CZQK15, CKC⁺18, KDMT22, KK23, LWM⁺14, LWY22, SCLW19a, TZS14, WM24, XYM18, CLSD18, CWL⁺13, KMC⁺22, LWX⁺14, SCLW19b, CA11, LMC⁺11]. **On-Device** [ZK19]. **On-Interposer** [KBT24]. **on-node** [GGTG⁺20]. **On-the-fly** [IASK20]. **On/Off** [WXW⁺17]. **On/Off-Chip** [WXW⁺17]. **One** [HSZM17, WRWW17]. **One-Step** [WRWW17]. **One-Way** [HSZM17]. **Online** [AUDS22, LJL18, ZPL⁺20]. **Open** [BBR⁺23, FCR23]. **OpenQL** [KAS⁺22]. **Operation** [MPM13]. **Operations** [CVK15]. **Optical** [BPS19, VRBS16, DWK⁺16, GB18, HAV⁺22, JDPH⁺23, NPA⁺12, PAB⁺17, RDM⁺21, XLL⁺18, YLR⁺23, YXW⁺12, ZY18, ZLGL21, CA11, EDCL⁺22]. **Optical-Electrical** [YLR⁺23]. **Optical-Electronic** [YXW⁺12]. **Optimization** [DKK⁺15, DWK⁺16, LDK⁺18, LLX⁺18b, LCY19, LSJ⁺25, LKL⁺18, NLW⁺20, PFRR17, Rez23, TGCJ16, YJ18, ZY18, ZGSA15, DLWW08, KKY⁺20, LWH14, WFCX09, ZJS09c]. **Optimizations** [SBR19, CWL⁺13]. **Optimize** [DJ16]. **Optimized**

[CRSSBMR21, CCWCC15, KKKK18, MS17, MCT18, ON15, WGY21, WL22b].
Optimizing [WL22a, TR10].
Optoelectronic [PAP⁺22]. **Oracle** [GCJ17]. **Order** [CKWK18]. **Ordering** [WGY21]. **Organizing** [DK09, RMG15, LDL10, PDL07]. **oriented** [AHS22]. **Oscillation** [MSB⁺22].
Oscillation-Based [MSB⁺22]. **Oscillator** [FYJ⁺17, HON21, YLF⁺17, SXL⁺12, ZFT13].
Oscillator-Based [FYJ⁺17]. **Oscillators** [GKT⁺18]. **Outlook** [BWL⁺21].
Outperforming [LLX⁺18a]. **outputs** [TR10]. **Overhead** [LTM22, SLC⁺17, ZJ11, ZPL⁺20, EFRB22, Tah09]. **Overlay** [PAB⁺17]. **Overview** [AML⁺23].

p [DPB11]. **p-QCA** [DPB11]. **Packet** [BYHT18]. **Packets** [Bis17]. **Page** [AIK21, IASK20, KXY16]. **PANE** [VSM19].
Papers [SN10]. **paradigm** [LBGR08, WZSC09]. **Parallel** [BAT⁺22, Dea14, FSD22, ISI⁺18, DJRM09, STA⁺12].
Parallelism [DK21, JOF⁺15, GN08].
parameter [RYT⁺07]. **Parameterized** [REL⁺22]. **Parametric** [FRB08]. **Parasitic** [ZH20]. **Parasitics** [KCWL⁺16]. **Part** [CQL21a, CQL21b, SCLW19a, LZBW20, ZJS09c, ZJS09b, ZLWB20]. **Partial** [KKK22, LKC15, MEHT21]. **Partial-Sum** [KKK22]. **Partially** [AGD⁺20]. **Parties** [BMTP24, FMTP22]. **Partitioning** [LRN05, PP21]. **Passive** [GSC17]. **Path** [Bis21, CKWK18, GB18, VAK18, WRWW17, CWT14, ZXC10]. **Path-based** [Bis21].
Path-Setup [GB18]. **Pathology** [CLZ⁺22].
paths [ANR⁺14]. **Pathways** [KBT24].
Pattern [HSZM17, NLW⁺20]. **Pauli** [HZSA14]. **PCA** [AHPC21]. **PCB** [JDPH⁺23, KBC⁺23, MLP⁺20, RAG⁺25].
PCM [KXY16, LHW⁺17]. **peak** [LM13].
PEAL [AHHS21]. **Peres** [DJ08].
Performance [AVK16, AHS22, ASP⁺18, BSS16, BH17, CDG⁺12, CKC⁺18, CJ16, CRKP22, DNHL11, HTMH18, KDMT22, LYWW13, MKW⁺14, ON15, PSY⁺18, RBHG21, SCL17, VAK18, VOB19, YWF18, Bea11, BPH⁺11, DLWW08, HRR19, LMC⁺11, LML⁺19, LCT12, MN06, PFOL07, RT07, STA⁺12, WWJ09, SM11].
performance-aware [STA⁺12].
Performance-Temperature [HTMH18].
Peripheral [CYL25]. **Permutation** [GCTF20]. **Persistent** [KMS⁺20, LHHZ19, LH20, WL22b].
Perspective [RSBA23]. **Perspectives** [BWL⁺21, TTS22]. **Phase** [FYJ⁺17, RNN⁺22, SMT⁺17, WZL16, JRC⁺13].
Phase-Based [RNN⁺22]. **Phase-Change** [WZL16]. **Photonic** [ACJ17, BS21, BPH⁺11, CDP17, DEW⁺23, EDCL⁺22, FC18, KST⁺22, KBT24, VK18].
Photonics [DCP⁺21, STNP21, XNK18, Bea11].
Photonics-Based [DCP⁺21]. **Physical** [DCSA22, LBB⁺18, NVW⁺22, TMG⁺21, UMB⁺18, BCT⁺13, HZY⁺12]. **Physically** [LTM22]. **PicoServer** [KSB⁺08].
Piezoelectric [RFDT15]. **pillar** [MFA⁺13].
PIM [REL⁺22]. **Pin** [WXW⁺17, XHSC07].
pin-constrained [XHSC07]. **Pipeline** [SM11]. **Piracy** [SMZ⁺19]. **PLA** [CNH12].
Placement [BM15, VRBS16, BKJ19, CKB20, LWH14, RHB⁺20, WWG⁺19, YYC07, LRN05].
plane [LDZ22]. **PLAs** [CHN09]. **Plasticity** [AMF⁺15, LYL19, WLJC21]. **Platform** [BRR⁺25, ZM22]. **Pluggable** [VSM19].
Point [LYWW13, NV14]. **Pointing** [LBJ⁺16]. **Points** [AUDS22]. **Polarity** [MGZ⁺17]. **Policies** [AIK21, ON15].
Polyhedral [HFLZ22]. **Polyhedral-Based** [HFLZ22]. **Polynomial** [CRSSBMR21].
Polynomials [LP17]. **Pooling** [ZMC15].
portability [GN08]. **Portable** [KAS⁺22].
Post [CKA23, GCC⁺23, MRG22, XS14].
post-bond [XS14]. **Post-Manufacturing** [MRG22]. **Post-processing** [GCC⁺23].

Post-quantum [CKA23]. **Potential** [LPM⁺25, SJKS20]. **Power** [BS21, CKC⁺18, CMK⁺21, Che15, DJH⁺19, FC18, GBLD15, GLMG⁺15, HN12, JRLR15, KZW⁺15, KHR⁺15, KR18, LBJ⁺16, LHW⁺17, LTO22, LWM⁺14, LKL⁺18, MGS⁺12, MGST22, MSC⁺21, OYLL24, PRG⁺15, PSL⁺19, QGW20, RMW⁺17, STSG17, SGR⁺12, TGCJ16, TW22, TSB15, WXW⁺17, ZJ11, ZSXY11, ZY18, ZGSA15, ZF15, ABS⁺12, ANR⁺14, AHHS21, BS20, ERGK21, GMM12, GGTG⁺20, KT14, KK12, LJ10, LBGR08, LMC⁺11, MMJ09, MP10, MFA⁺13, SM19, WDH⁺09, XDX14, ZS08, ZJS10, ZFT13]. **Power-based** [LTO22]. **Power-efficient** [BS21, MSC⁺21, ANR⁺14]. **Power-Gating** [HN12, ZF15]. **Power-Utility-Driven** [LHW⁺17]. **Powered** [JRLR15, ZPL⁺20, WCSA10]. **Powerful** [VMV13]. **PPU** [GYM⁺17]. **Practical** [GGHP⁺24, HAV⁺22]. **Pre** [FSDT23, XS14]. **pre-bond** [XS14]. **Pre-silicon** [FSDT23]. **Precise** [WDG⁺20]. **Precision** [HM21, LWY22]. **Predict** [BS20]. **Prediction** [MKS17]. **Predictions** [SMT21]. **Predictive** [DKK⁺15, ZC07]. **Prefetching** [YYBK19]. **Pressure** [MGS⁺12]. **Prevent** [ASMK22]. **Prevention** [MLP⁺20]. **Primitive** [GRPT13]. **Primitives** [ABR⁺21, BSY⁺16, HMS⁺05]. **Principal** [AHPC21]. **Printed** [PB21, RHB⁺20]. **Privacy** [FMTP22]. **Proactive** [PRG⁺15]. **Probabilistic** [AHHS21, KSG14, ZCDD19, KT14]. **Probability** [VAK18]. **Probes** [SKB13]. **Probing** [RDM⁺21]. **problem** [EWKNW07]. **Problems** [AAO21]. **Process** [CMK⁺21, GPW⁺15, KAKSP14, LKK⁺22, MGK18, SCL17, XYM18, ZM22, XPD12]. **Process-Variation-Tolerant** [XYM18]. **Processing** [AL17, BH17, CLZ⁺22, KWG⁺20, KHC⁺22, MGMU22, RAC⁺24, XYJ⁺21, XCS⁺19, dLBHC22, GCC⁺23, Gla14, KT14, LM13]. **processing-in-wire** [Gla14]. **Processor** [GKT⁺18, GYM⁺17, KRP⁺21, KZL15, Mit17, STSG17, WXW⁺17, YJ18]. **Processors** [HAV⁺22, KAKSP14, KAB⁺21, PRG⁺15, SLC⁺17, WKL16, ZMC15, ZWL⁺15]. **productivity** [SMR⁺12]. **Products** [TFZ⁺21]. **Profiled** [RBHG21]. **Programmable** [AMF⁺15, DPB11, Deh05, WDH⁺09]. **Programming** [CD22, KAS⁺22, KMS⁺20]. **Programs** [WWC23]. **Project** [TMM⁺07]. **Projection** [DLTSNA20]. **Promises** [YW13]. **Propagation** [BMTP24]. **Propagation-of-Provenance** [BMTP24]. **Property** [Bis21]. **Prospect** [PFOL07]. **Prosthesis** [SSN12]. **Protecting** [LCK19]. **Protection** [Bis21]. **Protein** [PPM⁺13]. **Protocol** [RDS24, YWF18]. **Protocols** [BBR⁺23]. **PROTON** [VRBS16]. **Provenance** [BMTP24]. **Provide** [SLC⁺17]. **Providing** [KMS⁺20]. **ProWATCH** [PRG⁺15]. **Pruning** [AHS17]. **PUF** [AHPC21, BMTP24, DSB16, FMTP22, KT20, LYEK22, MKMS22, RDS24, TMG⁺21, VDB⁺16, XZR⁺22]. **PUF-based** [BMTP24, LYEK22]. **PUF-Cash** [FMTP22]. **PUFs** [AHS22, HON21, IGR⁺16]. **PVFS** [JOF⁺15]. **PVT** [CMJ14, CJ14a, CJ15, TGCJ16, YJ18]. **QCA** [CNHL08, CHN09, DPB11, DK09, Gla14, GPW⁺15, HMS⁺05, LRN05, MHL08, OSLT06, SWJ07, SDSS14, TCSV09]. **QCA-based** [CHN09]. **QCOR** [MMD⁺20]. **QLib** [LCJ14]. **QPSK** [LZCX22]. **qSAT** [KDW⁺25]. **Quality** [AHPC21, MEHT21]. **Quality-assured** [MEHT21]. **Quantifying** [HLS14, NPH18]. **Quantitative** [SPS⁺24]. **Quantization** [CQZ⁺21, KKK22, XLW⁺18]. **Quantized** [LNL19]. **Quantum** [AUDS22, AVK16, AHSZ16, ATW⁺22, BM15, BH17, CD22, CVK15, CV11, DD14,

DPB11, GCJ17, HZSA14, HSZM17, KAS⁺22, KDSD24, KDW⁺25, LPM⁺25, LCSP14, LCJ14, MMD⁺20, MCT18, NV14, PSY⁺18, RDH14, SCT⁺22, ST20, TNWD20, VAK18, WD22, CKA23, CV12, DWL10, MTC⁺08, TR10, VO06, VMNI08, WDH⁺09]. **Quantum-Classical** [MMD⁺20].

Quantum-Dot

[DPB11, TNWD20, DWL10].

Quantum-Logic [AHSZ16]. **Quasi**

[LZCX22]. **Quasi-digital** [LZCX22].

Quaternary [SJKS20]. **Qubit** [AVK16,

KDSD24, MCT18, NPS⁺20, SCT⁺22].

QuickRecall [JRLR15]. **Quit** [WGY21].

QuTiBench [BHL19].

R-SWMR [HAV⁺22]. **Racetrack**

[KWC⁺20]. **Radial** [SRD⁺06]. **Radio**

[CFK22, EFRB22]. **Radio-Frequency**

[CFK22]. **Radix** [GUP11]. **Rail**

[DLTSNA20]. **RAM**

[CWL⁺13, LPW18, RKM15, ZCX⁺17].

Ramifications [JMKM21]. **Random**

[KR18, LTKP16, LBJ⁺16, MPZ21,

AKW⁺13, CSKM13, SWJ07]. **Randomized**

[SHAC19]. **Randomly** [CThG15]. **Ranging**

[RNN⁺22]. **Rank** [HHD⁺23]. **Rate**

[QGW20]. **Ray** [KBC⁺23, RAG⁺25]. **RCG**

[ZBF⁺22]. **Read** [WRWW17, ZCX⁺17].

Real [DRL⁺19, GSC17, JWJ⁺17, KR18,

KPFM16, SPS⁺24, SM19, TWLL19,

ZBF⁺22, LWX⁺14]. **Real-Time**

[DRL⁺19, GSC17, JWJ⁺17, KR18, KPFM16,

TWLL19, SM19, ZBF⁺22, LWX⁺14].

Realization [BSL⁺18, PP21]. **Realizing**

[SDSS14]. **reasonable** [CNHL08].

Recognition

[CKC⁺18, KSA⁺22, PSR17, TZR20].

Reconciliation [IASK20]. **Reconfigurable**

[CEW⁺13, CCH16, CDP17, CNH12,

GZZ⁺21, KPPB17, KZL15, LSJ⁺25, NLL⁺17,

VK18, WHL⁺21, EWKNW07, Sek07, SC06,

Tah06, ZJS09a, ZJS09c, ZJS09b, ZJS10].

Reconfiguration [MEHT21].

Reconstruction [ZBF⁺22]. **Recorder**

[SCZ⁺12]. **Recovery**

[KCC⁺14, Sek07, ZXC10]. **Recurrent**

[LZXL22, LJJ18, SBZT20]. **Recycle** [BS20].

REDELf [LKC15]. **Redesign** [YXD⁺17].

Reduced [SGR⁺12]. **Reducing**

[FC18, LBJ⁺16]. **reduction** [LSH14].

Reductions [MMAAK23]. **Redundancy**

[ABR⁺21, WDW13, SC06, WWJ09].

Redundant [HH11]. **Reed** [LJ14].

Reference [AMH⁺24, MGK18]. **Reflection**

[MGST22]. **ReG** [LDP⁺20]. **Register**

[CZW⁺19, WX15, ZCX⁺17, TCSV09].

Regular [DDR⁺16b]. **Regularization**

[YMWH21]. **Regulators** [IBO22].

Reinforcement

[AAO21, DJH⁺19, FMTP22, RAC⁺24].

rejuvenation

[AMA⁺14, CNPR14, MNT14, ZJT⁺14].

Relativistic [MJ11]. **Release** [HLH⁺12].

Release-on-Demand [HLH⁺12].

Reliability

[ANR⁺14, BAT⁺22, HMC25, HCTK08,

KYEB15, LYWW13, LBB⁺18, SHB⁺21,

CWT14, DJH⁺19, DK09, Edi14, TMM⁺07].

Reliable

[CKA23, KT20, XZR⁺22, McK07, WWJ09].

Rematerialization [SBR19]. **Rendering**

[LMZZ24]. **Repercussions** [SPS⁺24].

Replacement [ON15]. **replicating**

[TMM⁺07]. **Representation**

[BBR⁺23, WL19]. **ReRAM**

[BOAC⁺20, FSD22, KKY⁺20, LKK⁺22,

LDP⁺20, WL19]. **ReRAM-Based**

[WL19, KKY⁺20, LDP⁺20]. **ReRAMs**

[MSB⁺22]. **Research** [WWG⁺19].

Reservoir [BY18, LMM18]. **Residue**

[HH11, PAP⁺22]. **Resilience** [ACM⁺20].

Resiliency [SFD17, WWZ⁺22]. **Resilient**

[ALY⁺21, LCT12, LZX⁺21, OK22, RDM⁺21,

RSD⁺23a]. **Resistance** [ZJ11, ZH20].

Resistant [VDK⁺21]. **Resistive** [BSL⁺18,

DSB16, KKKK18, WRWW17, ZH20].

resonant [LM13]. **Resonator** [ZLGL21].

Resource [AVK16, NV14, OGB18, PHS⁺15, TZR20, TSÁ⁺24, TMG⁺21].
Resource-Constrained [OGB18, TSÁ⁺24, TMG⁺21].
Resource-Efficient [NV14, TZR20].
Response [CMJ14, MGST22]. **Restoring** [MCT18]. **Restricted** [YP17]. **Resulting** [SDSS14]. **Retail** [KK12]. **Rethinking** [WZL16]. **Retrieval** [BBB⁺16]. **Reuse** [CH14]. **Reverse** [BWL⁺21, CCW18, QCF⁺16]. **Reversible** [DRSR14, DBG⁺14, DDR⁺16b, DJ08, HM14, LCSP14, Mog14, NV14, SMZ⁺19, SZSS10, SDSS14, SSP14, SWK⁺16, WDT14, CW08, LJ14, PSM⁺06, TR10, TR13]. **Review** [JLL⁺17, PYSJ22]. **RF** [CFK22, BSS16]. **RF/Analog** [BSS16]. **RIMEP2** [HM14]. **Ring** [HON21, ZFT13, ZLGL21]. **Ripple** [MGZ⁺17, RSD⁺23a]. **Ripple-Carry** [MGZ⁺17]. **Ripple-less** [RSD⁺23a].
RMDDS [LJ14]. **RNNFast** [SBZT20].
RNNs [TFZ⁺21]. **RO** [AHPC21].
RO-PUF [AHPC21]. **Robust** [ASB⁺21, AMH⁺24, BMB18, CQZK14, GRPT13, GJ17, LZX⁺21, LDZ22, MGK18, NAY24, PPM⁺13, SAAR20, CB09, WVG13].
Robustness [BS15]. **Root** [MCT18].
Router [Bis17, DRL⁺19, KPFM16, CA11].
Routing [VRBS16, DDP20, HRR19, LKC15, LDL10, MKW⁺14, PHS⁺23, RHB⁺20, VOB19, WWG⁺19, RT07, XC08]. **RRAM** [CYL25, JRJ22, NHL⁺17]. **RRAMs** [FMW⁺22]. **RT** [ZBF⁺22]. **RT-RCG** [ZBF⁺22]. **RTL** [LDPPB21, WJWM23].
Rule [OBLD14]. **Rule-Based** [OBLD14].
runtime [GMM12].
S [SKY25]. **SaARSP** [LZXL22]. **SABER** [VDK⁺21]. **SAF** [MZZ23]. **Safety** [SPS⁺24].
Sampling [QGW20]. **SAT** [TSÁ⁺24].
SAT-Based [TSÁ⁺24]. **Satisfiability** [KDW⁺25]. **Saviors** [ABM21]. **Scalable** [BPS19, BS21, BRR⁺25, Che15, DBS⁺21, GLL⁺21b, GB18, MT14]. **Scale** [KCD15, KWWI17, PDL15, Bea11, CCTP08, LDL10, LGYC21, PDL06]. **scaled** [LBGR08]. **Scaling** [BSS16, JOF⁺15, LYWW13, WCSA10].
SCALPEL [RD22]. **Scan** [RSBA23, WFCX09, HCTK08, XS14].
Scan-based [RSBA23]. **Scan-chain** [WFCX09]. **ScatterVerif** [MGST22].
Scheduling [BM15, MSCS19, OGB18, SM19, TSÁ⁺24, STA⁺12, ZJT⁺14]. **Scheme** [CHA20, GLMG⁺15, GB18, MKMS22, MGK18, MSC⁺21, WRWW17, XS14].
Schemes [NVW⁺22, SMR⁺21, GD12].
SCKVdd [Che15]. **Scoring** [AAFM13].
SCT [RT08]. **Search** [ZBF⁺22]. **Searches** [MT14]. **Secret** [BBB⁺16]. **Section** [SCLW19b, Bah09, LC08, Moh12]. **Secure** [ALY⁺21, CFK22, FKM22, MKMS22, RDS24, SK16, SKY25]. **Securing** [EFRB22, PHS⁺23, RSBA23]. **Security** [AHS22, BSY⁺16, BGX⁺21, EDZ⁺23, FSDT23, FMP⁺21, GAR⁺25, GSC17, HMC25, IGR⁺16, KRG⁺23, LTM22, LYEK22, MAC⁺21, MPR⁺22, NVW⁺22, PRV⁺20, PAC⁺22, RNN⁺22, SMR⁺21, WYZ⁺20, WJWM23]. **Segment** [KXY16].
Segment-Based [KXY16]. **Segmentation** [CLZ⁺22, MCH22, WL22a]. **Seizure** [SGR⁺12]. **Selection** [BRR⁺25]. **Self** [CBK⁺22, Che15, DLL⁺19, IBO22, LCK19, MRG22, MGK18, RMG15, TMM⁺07, YYBK19, LDL10, PDL07, WCSA10].
Self-aware [DLL⁺19]. **Self-learnable** [YYBK19]. **Self-Organizing** [RMG15, LDL10, PDL07]. **Self-Protecting** [LCK19]. **Self-Reference** [MGK18].
Self-replicating [TMM⁺07].
Self-Stabilized [Che15]. **Self-Test** [CBK⁺22, MRG22, IBO22]. **self-timed** [WCSA10]. **Semantic** [JDPH⁺23]. **Semi** [ZK18]. **Semi-Trained** [ZK18]. **Sense** [SFD17]. **Sensing** [MGK18, ZLGL21].
Sensitive [ZY18]. **Sensitivity** [LDK⁺18, WDG⁺20]. **Sensitivity-based**

[LDK⁺18]. **Sensor** [LPB⁺15, LWM⁺14, MKMS22, MGS⁺12, RDS24, GD12, LWX⁺14, WOW⁺10]. **Sensors** [GGTG⁺20]. **Separable** [HYA⁺20, KRP⁺21]. **Separation** [KR18]. **Sequence** [PPM⁺13]. **Sequences** [MT14]. **Sequential** [NLL⁺17, CW08, TR10]. **SerDes** [XLL⁺18]. **serial** [Gla14]. **Series** [MKSW17]. **server** [MNT14]. **servers** [ABS⁺12, KSB⁺08]. **Setup** [GB18]. **SFQ** [GGHP⁺24, PP21]. **Share** [BS20]. **Shared** [HAV⁺22, PAB⁺17, VK18]. **Sharing** [CDP17, MKMS22, SSP14]. **SHARP** [VK18]. **Shielding** [ZCX⁺17]. **Shift** [VSRR15, TCSV09]. **Shift-Based** [VSRR15]. **shift-register-based** [TCSV09]. **shifter** [MP10]. **Short** [ZSPC19]. **Short-Term** [ZSPC19]. **ShuntFlowPlus** [GLL⁺21b]. **Si** [HCTK08, KAB⁺21]. **Side** [ABM21, ASK23, VDK⁺21, DDG⁺22, DCSA22, MLW⁺23, PYSJ22, PRV⁺20, RPBA21, RBHG21]. **Side-Channel** [ABM21, PRV⁺20, ASK23, DDG⁺22, DCSA22, MLW⁺23, RPBA21, RBHG21]. **Side-Channel-Resistant** [VDK⁺21]. **Sign** [FSDT23]. **Sign-off** [FSDT23]. **Signal** [LPM⁺19, SKY25]. **Signal-slowdown-based** [SKY25]. **Signaling** [KST⁺22]. **Signals** [YLR⁺23]. **Signature** [TW22, XZR⁺22]. **Signatures** [DDG⁺22]. **Signed** [GZZ⁺21]. **Silicon** [CDP17, KDMT22, MLW⁺23, STNP21, TZS14, XNK18, BPH⁺11, FSDT23]. **Silicon-correlated** [MLW⁺23]. **Silicon-Photonic** [CDP17]. **SILVerIn** [PB21]. **SIMD** [PDL07]. **Similarity** [KSA⁺22]. **Simple** [DDR⁺16b]. **Simplified** [FYJ⁺17]. **simplifying** [PSM⁺06]. **Simulated** [MPZ21]. **Simulation** [CJ14a, CJ15, FYJ⁺17, GHHW19, KKNM22, MLW⁺23, SWJ07, YLF⁺17, FGZ14]. **Simulation-based** [KKNM22]. **Simulator** [AVK16, RAC⁺24, VAK18, VSM19, ZLB⁺22, HYWA09, LJ10]. **Simulators** [ZF15, KCC⁺14]. **Single** [VRBS16, CEW⁺13, CCH16, WHL⁺21, SXL⁺12]. **Single-Electron** [CEW⁺13, CCH16, WHL⁺21]. **single-walled** [SXL⁺12]. **Situ** [MS19, ZK18]. **sizing** [LSH14]. **Sketching** [AL17]. **Skew** [NPA⁺12]. **SkyBridge** [BLKM23]. **Skyrmion** [KWC⁺20]. **Slicing** [LDZ22]. **slowdown** [SKY25]. **Small** [MKW⁺14]. **Small-World** [MKW⁺14]. **SNE** [MPZ21]. **Sneak** [WRWW17]. **SNN** [KWG⁺20]. **SoC** [GSC17, HLH⁺12]. **soft** [LWX⁺14, SKRX13]. **soft-error** [LWX⁺14]. **Software** [ASK23, AMA⁺14, BGX⁺21, IGGR19, KKY⁺20, LDPPB21, WZL16, ZJT⁺14, CNPR14, MNT14]. **Software-driven** [BGX⁺21]. **Solar** [RSD⁺23a]. **Solution** [BAT⁺22, BM15, KHC⁺22]. **Solutions** [FSDT23, FMP⁺21, LYEK22, LCK19, Rez23, VGZ11, ZCB⁺22, MN06, Moh12]. **Solver** [KDW⁺25, KTW08]. **Sort** [GUP11]. **Sorting** [ANT22, MSC⁺21]. **SOT** [PAF18]. **SOT-MRAM** [PAF18]. **Source** [Bis17, KR18]. **Sources** [BGX⁺21]. **Space** [LDK⁺18, ZJK22, TJ13a, XLBB06, ZJS09a]. **SPARCNet** [PJSM17]. **Spare** [BKJ19]. **Sparse** [HIH18, HYA⁺20, PJSM17, RMG15]. **Sparsification** [PSL⁺19]. **Sparsity** [YMWH21]. **Spatial** [KWFH12, LTO22]. **Spatio** [MMAAK23]. **Spatio-Temporal** [MMAAK23]. **Special** [BY12, CQL21a, CQL21b, DMYT15, DR11, DHK⁺23, FSDT23, FMP⁺21, GMGA23, Gui13, HN15, KK23, LZBW20, Moh12, MPR⁺22, MSW14, SCLW19b, SS15, SLCJ22, SK16, SN11, TTS22, TSB15, TSMCB17, TV17, WD22, ZLWB20, AD14, BC08, Bah09, CS07, Edi14, LC08, McK07, PG12, PR13, WDT14, XCF08]. **specialized** [BC08]. **Specific** [DKK⁺15, FC18]. **Specification** [MMD⁺20, OBLD14]. **spectrally** [KTW08]. **Speech** [CKC⁺18].

Speed[BYHT18, LTKP16, PAB⁺17, XLL⁺18].**Speedup** [KAKSP14]. **SPICE** [KCC⁺14].**SPICE-compatible** [KCC⁺14]. **Spike**[AMF⁺15, LYL19, MSC⁺21, ZWL⁺15].**Spike-Time-Dependent** [ZWL⁺15].**Spike-Timing-Dependent** [AMF⁺15].**Spike-timing-dependent-Plasticity**[LYL19]. **Spiking** [ASB⁺21, BVM⁺19,

CThG15, HIH18, JRJ22, KCD15, LZXL22,

LMZZ24, LYL19, LYL19, MSC⁺21, NAY24,RBG⁺22, SPR18, VOB19, LMZZ24].**Spiking-NeRF** [LMZZ24]. **Spin**[AKW⁺13, MS17, SCT⁺22, VSRR15,WYZ⁺20, YLF⁺17, CSKM13, CWL⁺13,EWKNW07, MFA⁺13, XZR⁺22].**Spin-based** [WYZ⁺20]. **Spin-Torque**[YLF⁺17]. **Spin-transfer**[AKW⁺13, XZR⁺22, CWL⁺13, MFA⁺13].**spin-transfer-torque** [CSKM13].**spin-wave** [EWKNW07]. **SpinNaker**[PCD⁺11]. **Spintronic**[AMH⁺24, IGR⁺16, SBT20].**Spintronic-based** [AMH⁺24]. **Spintronics**[KZW⁺15]. **Split** [CZW⁺19]. **Splitters**[DWK⁺16]. **Square** [MCT18]. **SRAM**[GJ17, KHC⁺22, RKM15, TFR23]. **SRAMs**[RMW⁺17]. **SRLL** [HMC25]. **SSS**[DLL⁺19]. **Stabilized** [Che15]. **stacked**[KWFH12, MHM⁺08, SKRX13, ZS08].**stacked-Vdd** [ZS08]. **stacking**[KSB⁺08, MHM⁺08]. **Stage** [ZGSA15].**Stand** [RFDT15]. **Stand-By** [RFDT15].**Standard** [CMJ14, KCWL⁺16, MS17].**STAP** [dLBHC22]. **State**[MDS21, ABS⁺12]. **Static** [DLL⁺19].**Static-dynamic** [DLL⁺19]. **Statistical**[LTKP16, YJ18]. **STDP** [SAAR20, SPR18].**STDP-based** [SAAR20, SPR18]. **Stealthy**[CMZR23]. **Step** [WRWW17]. **STIFT**[MMAAK23]. **Stitch** [MDS21]. **Stochastic**[ACH⁺17, AL17, EDCL⁺22, GIS⁺22,

KKNM22, LNL19, LQYL19, LP17, LMM18,

MZR⁺14, MKSW17, MS19, MS20, NLL⁺17,NPH18, PHS⁺23, ZCDD19]. **stochastically**[GRS05]. **Stone** [BSL⁺18]. **Storage**[SCZ⁺12, VSRR15, VTKT22, YYPK17,ORC⁺24]. **strain** [LWH14]. **Strategies**[SFD17, FRB08, GRS05]. **Strategy**[MSCS19]. **Stream** [GLL⁺21b]. **Streaming**[GYM⁺17, KR18, QGW20]. **Streams**[GGTG⁺20]. **stretching** [MRH12].**Structure** [DDR⁺16b, YYPK17].**Structured** [AHS17, LH20]. **structures**[PSM⁺06]. **STT**[AKW⁺13, LPW18, NLW⁺20, PFRR17,SFD17, SMT21, VDB⁺16, ZCX⁺17].**STT-MRAM** [AKW⁺13, SMT21].**STT-MRAM-based** [NLW⁺20].**STT-RAM** [LPW18]. **STTRAM**[GG17, MGK18, WX15]. **STTRAM-Based**[GG17, WX15]. **studies** [CNPR14]. **Study**[DDR⁺16a, KWC⁺20, KST⁺22, PPM⁺13,PSY⁺18, RAG⁺25, SCT⁺22, YLF⁺17, CB09,HCTK08]. **styles** [CJ14b]. **Sub**[GVRR17, ON15, RFDT15, WOW⁺10].**Sub-** [RFDT15]. **Sub-10nm** [GVRR17].**Sub-Block** [ON15]. **sub-mW** [WOW⁺10].**Subcrossbar** [YL14]. **Substrate** [PAB⁺17].**Success** [NPS⁺20]. **Suite** [XCS⁺19]. **Sum**[KKK22]. **Super** [GVRR17].**Super-Threshold** [GVRR17].**Supercapacitor** [LPB⁺15].**Supercapacitor-Based** [LPB⁺15].**Superconducting** [GGHP⁺24, PP21].**Supervised** [CZQK15, LYL19].**Supervision** [EFRB22]. **Supply**[EFRB22, LWM⁺14, MLP⁺20, MMJ09].**Support** [CTT⁺20, KMS⁺20, PJT25].**Surface** [CMJ14, KDMT22, KTW08].**Surface-Wave** [KDMT22]. **Surgical**[XYJ⁺21]. **Survey**[BVM⁺19, EDZ⁺23, GBLD15, GNY⁺22,KAB⁺21, KK12, KRG⁺23, Mit16, Mit17,QCF⁺16, SFD17, STNP21, CNPR14].**sustainability** [KMD12]. **Sustainable**[RSD⁺23a, RSD23b, PG12]. **SW** [JRLR15].**SWIFTNoC** [CDP17]. **Swing** [SSF⁺15].

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tier [CMK⁺21]. **Tile**

[HMS⁺05, WWG⁺19, ZLB⁺22]. **Tile-based** [HMS⁺05, WWG⁺19]. **Tiled** [DPB11].

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[VRBS16, dLBHC22, HZY⁺12]. **Topology**

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Transistors

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[ARLB18]. **Tumor** [WL22a]. **Tunable**

[GKT⁺18, WLJC21]. **Tunnel** [VDB⁺16].

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[MP10]. **Ultra**

[CJ16, CJ14b, ERGK21, GGTG⁺20, GJ17, KZW⁺15, KT14, MGS⁺12, STSG17, TSB15].

Ultra-Low [TSB15]. **Ultra-Low-Leakage**

[CJ16, CJ14b, GJ17]. **Ultra-Low-Power**

[KZW⁺15, MGS⁺12, STSG17, ERGK21,

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[HMC25]. **Using**

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Volatile

[KHR⁺15, RKM15, STSG17, WL22b, YYPK17, YXD⁺17, ZPL⁺20, RCYB22].
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Wireless [ACM⁺20, CMM⁺18, DJ16, LPB⁺15, LWM⁺14, MKMS22, MGS⁺12, MKW⁺14, NVW⁺22, RSD23b, RDS24, TKBM12, CDG⁺12, GD12, WOW⁺10, WVGP13].
wires [DK09]. **wise** [HYA⁺20]. **Within** [KXY16]. **without** [ABR⁺21]. **Wordline** [LYWW13]. **Wordline/Bitline** [LYWW13]. **Workload** [PRG⁺15, SLS⁺14]. **Workload-Aware** [PRG⁺15]. **World** [MKW⁺14]. **Wormhole** [SHAC19]. **WoSAR** [AD14]. **Write** [AM18, GLMG⁺15, KXY16, LHW⁺17, NLW⁺20, WX15, WL22b]. **Write-Aware** [WX15]. **Write-Optimized** [WL22b]. **Writes** [VSRR15]. **Writing** [BRR⁺25].
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