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Title word cross-reference

1 [AGM01]. 2
[FZH⁺25, FWCL05, GH00, RL13, ZPLI23].
2.5 [WCB15, WWCT18]. 3
[ADDM⁺13, AJK⁺21, CLT⁺15, CBR⁺22,
CXR⁺23, CWL⁺22, DLC⁺17, DLK24,
DHZL23, JGM14, KK11, KKHK16, KLE18,
LLKC13, LDD⁺18, LDD⁺19, LHZ⁺06,
LHC16, LW17, LS19, LCL⁺24, LS17,
MAL23, OS03, OCK19, PSP24, PRKK21,
PKC⁺21, SKP21, SYX12, THM15, TMDF10,
TTL⁺24, VILSL23, WYC10, WTW⁺23,
XGC⁺20, YHH09, ZYS12, ZPLI23]. 4
[JCGP05]. ² [BXG⁺24, SJL23]. ³ [ZGB⁺24].
dd [MLMM08]. **DDX** [SW04]. *Fmax*
[PMB10]. *g^m* [LZ21]. *GF(2^m)* [RMPJ08]. *H*
[CLT⁺15]. *I^D* [LZ21]. *k* [CLH12, SSN22].

k/m [CHY05]. *μ* [DHZ⁺11]. *N*
[Pom16b, CLH12, Pom17a]. *o(min(m, n))*
[LM05]. *t/t* [CH13]. *V_t* [KOS09].

-Ary [CLH12]. **-based** [SW04]. **-Cubes**
[CLH12]. **-D** [OS03, WYC10]. **-Detection**
[Pom17a, Pom16b]. **-Diagnosability**
[CH13]. **-distinguishability** [AGM01].
-domain [FWCL05]. **-driven** [MSD06].
-geometry [JCGP05]. **-macrocell-based**
[CHY05]. **-Matrix-Based** [CLT⁺15]. **-VOR**
[SJL23].

/Nano [Kha23].

0.35V [ACF⁺11]. **0.35V-Optimized**
[ACF⁺11].

10T [GSN25]. **11T** [SP24]. **1687** [IIEKS23].

2-stage [KSA⁺10]. **2.0** [CHL⁺25, CLYP09, HWGY16, LLL⁺18, ZZL⁺23]. **2.5D** [WTW⁺23]. **2009** [GK09]. **252K**gates [CCC⁺09a]. **252K**gates/**4.9K**bytes [CCC⁺09a].

36 [DHZ⁺11]. **3D** [LY24].

4.9Kbytes [CCC⁺09a]. **40nm** [ACF⁺11]. **45-degree** [CT13, TP08]. **45nm** [BFL10].

71mW [CCC⁺09a]. **7T** [RM23a].

8T [DMR24].

90nm [CFD⁺16]. **9T** [DSM25, PS23].

A3MAP [JP12]. **aberration** [KPSW09]. **absence** [SPA⁺03]. **Abstraction** [HZS⁺19, LXGM23, CMNQ08, CLM⁺10, HMB98]. **abstraction/refinement** [CLM⁺10]. **ABW** [CIX15]. **AC** [MHA19]. **Accelerated** [CW25, CBR⁺22, LD17, NHS23, RKKH24, SS24, XJF⁺23, BHDS09, MLC08, RB19]. **Accelerating** [CXR⁺23, CLX⁺23, HW14, KZKAKP23, LLL⁺25a, LS11, SDD⁺25, SKS12]. **Acceleration** [EJR22, GYZ⁺22, LDP⁺22, LZD⁺24, LY24, MMX⁺25, WFSS20, XLP⁺25, GPK⁺09]. **Accelerator** [CBC22, FLG⁺23, HLL⁺24, HLW⁺23, KP22, LCJ⁺22, LYL⁺19, LJJ⁺22, LQL⁺24, LPL⁺21, OHA19, SKR⁺22, SHBD21, SQL⁺24, TWM⁺23, VKT25, WML⁺24, WCB⁺24, ZSL⁺25, AHL⁺08]. **Accelerator-rich** [SHBD21]. **Accelerators** [CSO22, EGK⁺24, EGK⁺25, HJY23, HTC⁺25, LHC24, OJC⁺24, SYGC22, SV11, TL19, LSPC14, YLP⁺13]. **Access** [BSP⁺22, GSD⁺18, HWDQ22, OKC08, PTPB22, RPR⁺21, XYG⁺16, Cha01, KLSP11, KCKG13]. **Accesses** [CLX⁺23, KCKG16]. **Accuracy** [BH22, EAAK⁺23, HSP⁺22]. **Accurate**

[DKZ⁺15, KLIK24, LJ18, SV16, SKCM06, TWL16, TEK18, MFS09, RCD07, SGD10, XK97]. **Accurately** [CHA⁺23]. **Achieving** [HSP⁺22, KJT04, STL⁺13]. **ACK** [ZZF⁺25]. **ACM** [GK09, BC08, CH10a, KLSZ09, QS11, SN10, CPX14]. **acoustic** [FIR⁺97]. **acquisition** [NR03]. **across** [LBV⁺06]. **action** [KC98]. **Activation** [WLM21]. **Active** [LKC⁺18, VEO16]. **Actively** [PCT⁺17]. **Activity** [GFJ16, KOO18, RG19, PR11, SXX⁺06]. **Actor** [RGT⁺14]. **Actor-Oriented** [RGT⁺14]. **Actuations** [RB21]. **acyclic** [LKTD98]. **AD** [BXG⁺24]. **Adaptable** [CRC15, KKK12, SHN12]. **Adaptation** [LYHL14, LCZ⁺24, MDR15, RNA⁺21, TZZH22]. **Adapting** [SSO16]. **Adaptive** [BM11, BYT22, CGH⁺25, CB17, CIX15, EW18b, JM14, KKKH16, KLIK24, LLKY13, LYSO19, LJJ⁺22, LPY⁺20, LIK22, NK24, SFM⁺19, SJ23, SOS15, TZ17, WTR12, WQC⁺16, WLW⁺24b, ZLY⁺15, CCYC14, CR12, CLQ12, DP04, FS13, HCK13, LMB⁺12, LSL⁺13, RL13, RAKK12, SCB01]. **Adaptively** [KLK⁺17, DL11]. **ADC** [EO19]. **ADCs** [HWCL15, PKP⁺03]. **Add** [LWZ⁺19]. **Adder** [Brz24]. **Adders** [BH22, CXS⁺23, EAAK⁺23, KKK12]. **Addition** [BSP⁺23]. **Address** [LP03, SR12]. **addressing** [SSP04]. **Adjustable** [LW21, KSA⁺10, LLHT12]. **Adjustment** [MNMK⁺21]. **ADL** [MSD06]. **Admission** [DZCD15]. **ADMM** [WTW⁺23]. **ADMM-based** [WTW⁺23]. **Advanced** [ATF⁺23, MCY23, DDFR13]. **Advances** [CO18, JCPL23]. **Advancing** [KLIK24, LRHL24]. **Adversarial** [Ase23, BXG⁺24, DZ24, FLG⁺23, LYM⁺20, LRHL24, ZS25]. **Aerial** [HXB⁺22]. **Affine** [WKL⁺18, BC11]. **after** [XFJ⁺16]. **Against** [ADB⁺19, DZS⁺18, LLQD23, LDX22, RNR⁺21, AYS20, CYZL23, DFM15, GDTF17, GSN25, HYK⁺20, LQD22, RDJ25, ZLQ15, ZS25]. **AGD** [PPC⁺25a]. **agent**

[CZW⁺25]. **Agents** [WHF⁺25, dW97]. **Agglomerative** [LLLC13]. **Agglomerative-based** [LLLC13]. **Aging** [ADB⁺19, CGS⁺24, DNT20, FYCT15, GC18, OT15, SJ23, TCW20, HTCP13]. **Aging-** [FYCT15]. **Aging-Aware** [OT15]. **Aging-induced** [TCW20]. **Agnostic** [BDBB19]. **ahead** [CSAHR07]. **AI** [AAKT⁺25, APG24, CCY22, GLM⁺25, LZ24a]. **AI-enabled** [GLM⁺25]. **Aided** [HWF⁺23, LJZ⁺24, LCZ⁺25]. **AIMCU** [ZXC⁺23]. **AIMCU-MESO** [ZXC⁺23]. **Airgap** [HS19]. **algebra** [GK07, GK09]. **Algebraic** [LAYZ23, ARLJH06]. **Algorithm** [CHL⁺25, DHVW18, DXM⁺25, GDPRG11, GYT12, HCRK11, HA25, HNS23, HLG⁺15, JYHY21, KLSZ09, KLSZ11, LLL⁺25a, MMX⁺25, MA16, MJB19, TZ17, TC24, WLW⁺24b, YVC14, ZHC⁺21, ZLG⁺19, ZHJ⁺23, ZJH⁺25, BDB98, CD09, CT13, CSL⁺07, CCW08, EK97, GBC07, JHL02, KT96, KL05, LM05, MBB01, MKBS05, MLMM08, MWG97, SCB01, SGJ96, VKKR02, XTW05, YMC⁺13, YWW10, Zho08]. **Algorithm-Hardware** [LLL⁺25a, MMX⁺25]. **Algorithmic** [AMO05, KRH18, LXWC20, RRHB21]. **Algorithms** [ACFM12, DK22, EWT23, FXH⁺25, GDTY24, GMN⁺13, GdRJM21, SV16, SZB17, TCP97, WSY23, WCX⁺24, ZHL⁺25, Das04, Das09, EMO03, GMSSS02, JLF⁺12, LKM04, LIA00, OWH08, PB14, PW99, TC98, YW09, YCHT00, ZSZ10, ZS02]. **Aligned** [LJJ⁺22, LFJ25, SHL⁺19, XYG⁺16]. **Allocating** [KAKSP16, YHH09]. **Allocation** [ABC⁺17, BK00, BM11, CET16, CARH18, KK14, KKL15, LHC24, LCZ⁺25, SCK18, ZYS12, AOC02, CLM⁺10, CL99b, LCK⁺09, SM00]. **Alternative** [KRL15, SYZ08]. **Amalgamating** [NK24]. **AmLuCEP** [NK24]. **among** [DK08, LYSO19]. **Amplifier** [DMR23, RM23b]. **Amplifiers** [UMS25]. **Amplitude** [VKT25]. **Amps** [AG22]. **AMS** [CVMP19, DDNAV04, MDM⁺12, MPDG09, STG⁺25, ZMS⁺19]. **AMSnet** [STG⁺25]. **AMSnet-KG** [STG⁺25]. **Analog** [ADB⁺19, BBEM15, CFD⁺16, CGS⁺24, CLC20, DZ18, FXH⁺25, GNPZ25, GMS⁺23, GPS⁺24, HRC21, HSP⁺22, LDP⁺22, LYSO19, LS22, LLM⁺23, LZ21, LHJ12, LCYN18, NL24, PTS⁺20, SA24b, SHD17, SCK⁺23, STGR15, SOS15, TZ17, TZ20, VKT25, WJYZ11, XAG⁺20, ZGB⁺24, ZSY18, BC05, DC07, DDNAV04, LON08, LFG⁺09, LCKT12, LTPR⁺13, ST99, SCJ01, WV02]. **Analog-in-Memory** [LDP⁺22]. **Analog/Mixed** [GMS⁺23, STGR15]. **Analog/Mixed-Signal** [STGR15, GMS⁺23]. **Analog/RF** [BBEM15, PTS⁺20, SA24b]. **Analyses** [BFG17b, MCY23, YBM⁺21]. **Analysis** [BS14b, Brz24, CZW⁺03, CLT⁺15, CB17, CXLL22, CGS⁺24, CH17, CYH19, CLMZ10, CYLC24, DKZ⁺15, EGK⁺25, GD20, GLY⁺12, GSN25, HLZ⁺22, HKL⁺15, HHL14, HZJC23, JIR⁺21, JM14, KM97, KOO18, Kha23, KC13, LJ18, LDLM20, LZ24b, LV14, MAS16, MHA19, NHS23, NSCM17, OM08, PLC24, PHKW12, Pie16, PEPP06, QBTM16, RRHB21, SMBT19, STWX12, SYH⁺22, THT12, VTC20, WL12, XT16, YCZ⁺25, ZFLS11, ZYW⁺18, ZS16, ZKS⁺16, ZMS⁺19, ZBPF18, AC06, APB⁺08, BWB14, BK10, CPR⁺02, DCK10, Das04, DH06, FZKS11, GM08, GGBZ02, GDG⁺08, IBMD07, JB98, JT98, KPR06, KVMH08, LWC07, LCHT02, LON08, LTPR⁺13, MDG98, MFS09, MCMW08, NM13, QSK12, RMB10, ST99, VMP⁺00, WYC10, YWGI09, ZHM07]. **Analytic** [AMM⁺18, LFST21, PPC⁺25a, JP12]. **Analytical** [HHL14, HTC⁺25, MA16, SV16, ACES25, SPZ⁺24, WTW⁺23, XLL⁺16, GG04, LON08]. **Analyzing** [CAP⁺23, LH13]. **Android**

[THC⁺14]. **Annealing** [VLH04]. **Annotating** [BD05]. **ANNs** [ZMLH24]. **Anomalies** [AAKT⁺25]. **Anomaly** [LL19, VTC20]. **ant** [WGDK07]. **anti** [HTCP13]. **anti-aging** [HTCP13]. **Any** [JZG21]. **Application** [BH22, CGLH23, CYV⁺14, DSM25, DLK24, HKL⁺15, HMMG⁺20, HCZ⁺16, HLL⁺24, JBJ22, LPD⁺17, LYHL14, LHF12, LF12, LIK22, MMM⁺22, MDR15, RM23a, RCK⁺15, STJG16, SWT24, TCL14, VA17a, XLL⁺16, XT16, YP10, ZYDP08, ZYPC17, CSC08, HLKN07, Hsi00, JCGP05, LM96, MMP00, MP07, SXZV13, WKR09, WSEA99, ZMTC13]. **Application-aware** [ZYDP08]. **Application-Driven** [YP10]. **Application-level** [HLL⁺24]. **application-oriented** [Hsi00]. **Application-Specific** [HKL⁺15, HMMG⁺20, HCZ⁺16, LPD⁺17, LHF12, LF12, RCK⁺15, TCL14, VA17a, CSC08, WKR09]. **Applications** [ACF⁺11, BFV15, BLUS19, CLL⁺22, EKEK22, ETAV18, EO19, GT25, HC17, HAB⁺17, LFST21, LDLM20, MAS⁺20, MS23, MLH⁺17, NTSA18, PFHAH22, PMA24, RM23b, RS18, SBR⁺17, SSK⁺23, SVK17, SFM⁺19, SLV⁺22, SWT23, SESN15, WDZG16, WH20, ZLL⁺16, CCC⁺09a, DCK09, DCK10, DPNB02, DSH12, DVA02, HG07, KSS⁺09, KCA04, KFH⁺08, MHD⁺04, NT05, PDN97, Ped96, SR12, VCLD03, VMP⁺00, WLL⁺11, WG11, ZHM07, ZAZ13]. **Applying** [CHBK15, GAS⁺24, WPR⁺19]. **Approach** [CYZL23, CHK⁺23, CJKS24, DY23, DZS⁺18, DNT20, FG18, FMR23, GVJ15, HWL⁺23a, HS19, JDLZ24, JS25, KRH18, LYL⁺23, LHF12, LMA⁺16, LTW⁺16, MDR15, ORGD⁺15, PGGD23, PGD24, Pom18a, PPC25b, RRHB21, SHD17, SGGR14, SCK⁺23, WLW⁺24b, ZLYZ25, ZHJ⁺23, ZHL⁺25, ADS⁺09, BD08, BMJ13, CBHK11, CHHL96, DDNAV04, DVA02, ETR07, GG04, GABP00, KSS⁺09, KJKK03, LFG⁺09, LCKT12, MSR09, MR96, NR01, SSP04, Vah02]. **Approaches** [HMMG⁺20, KTKO13, LCOM07, Tes02, WAZ98]. **approximability** [BCC08]. **Approximate** [APPJD25, ADGSM22, EJ22, GT21, HWDQ22, JSS⁺19, LKLC22, MED23, MHA19, NRDB19, OHA19, PMP17, WDW⁺25, WCX⁺24, YBM⁺21]. **Approximating** [GD20]. **Approximation** [BYT22, DHVW18, EKEK22, HWCL15, LNPL23, SYH⁺22, BCC⁺25, HCS01, YWK⁺03]. **AR/VR** [SPZ⁺24]. **Arbiter** [MMM⁺22, NSCM17]. **Arbitrary** [WJG⁺19]. **Arbitration** [AL19, IHM15]. **Architecting** [SABSA15]. **Architectural** [BRCS18, CXS⁺23, KGS⁺20, MA16, MLH⁺17, APB⁺08, CL99b, MSD06, SRP25, VS12b]. **Architecture** [AJK⁺21, BMdG17, CM20, CIB01, DK16, HSR⁺24, HLG⁺15, JP12, JYY⁺22, LZ24a, LPLK22, LWZ⁺19, LYL⁺19, LJJ⁺22, LYLW17, LZD⁺24, MD13, MSD06, MRL⁺19, MS17, NGL⁺21, PMT20, PCT⁺17, SDD⁺25, SHBD21, SSL17, SJL23, TWM⁺23, WKL⁺18, WWCT18, WSY23, WFW⁺25, XLP⁺25, YKCG14, YMB15, YLP⁺13, ZHL⁺23, ZMLH24, CHY05, GM03, LCOM07, LTPT10, SCCH08, WTL⁺13, XZC09, YBM⁺21, ZYZ⁺13, RJL⁺09]. **Architecture-aware** [JP12]. **Architecture-level** [CIB01, LTPT10, WTL⁺13]. **Architectures** [AMM⁺18, CPS16, CBR⁺22, CXR⁺23, GADG19, GD22, HWX⁺14, LM19, LLK⁺14, LTC25, RBWB20, VS12a, dONH23, ACT13, BD08, Cha01, CKAP07, CCL03, DP04, FS13, FRS97, GBK07, JBC⁺10, JLF⁺12, Kan06, KLSP11, LP03, LLKY13, LYCP13, OCRS07, PPDK09, QM12, WH05, ZM07, ZHTC09]. **Area** [BCC⁺25, EO19, HS18, HCW⁺16, KKK12, KKLK15, SY07, SS14, SPZ⁺24, TRM⁺16, TCL14, XGL⁺25, Yan16, ZHJ⁺23, ZJH⁺25, DK08, GS00, HCS01, KL05, KNRK06, LC13, LCL08, MS00, SPMS02, SSP04, XPSE12, ZYZ⁺13, ZHTC09].

area-array [LC13, LCL08]. **Area-Aware** [HCW⁺16]. **Area-driven** [BCC⁺25]. **Area-Efficient** [EO19, SS14]. **Area-I** [Yan16]. **Area-I/O** [Yan16]. **Areas** [WPR⁺19]. **ARIANNA** [CBT⁺25]. **Arithmetic** [APPJD25, BSP⁺23, PIK20, SA24a, CCL03]. **ARM** [ASPP24, LLH⁺17]. **ARM-Based** [LLH⁺17]. **ARM-CO-UP** [ASPP24]. **ARM2** [HV98]. **Array** [CFD⁺16, GDTY24, KCKG16, RBWB20, RB21, SPC⁺15, AOC02, CZW00, LC13, LCL08, WV02, ZYZ⁺13]. **array-based** [CZW00]. **Array-Style** [CFD⁺16]. **Arrays** [HCW⁺16, TRM⁺16, WSY23, AC06, CH02, CD96, LMB⁺12, PWY05, WAZ98]. **Art** [JBE⁺25]. **Artificial** [GNPZ25, KAC⁺23, WXH⁺19]. **Ary** [CLH12]. **ASIC** [EGK⁺25, KLV15, THL⁺13]. **ASICs** [PW99]. **ASIPs** [SM00]. **ASP** [YMB15]. **ASP-Based** [YMB15]. **Aspect** [HKJ⁺23]. **aspects** [AMO05]. **Assay** [BTP⁺20, LSCK20]. **assembled** [BC05]. **Assembly** [LFJ25, AMR00]. **Assertion** [SWM24, BZ08, MPDG09, TBZ13]. **Assertion-Based** [SWM24, TBZ13]. **assertion-checker** [BZ08]. **Assertions** [MDM⁺12, WLM21]. **Assessed** [LLLL18]. **Assessment** [NPH⁺20, RNR⁺21]. **Assignment** [CHL⁺25, CK16, KLE18, LYCP17, LMS16, SV16, Yan16, Yan17, Yan20, ZCL⁺25, BDB98, CCX06, CHH09, CPW04, CLYP09, KNDK96, Kuc03, LJV02, LCC11, LT11, VJBC07, WWG08, WLCJ09, XTW05, Yan11]. **Assist** [DSM25]. **Assistant** [XHW⁺25]. **Assisted** [CCMC20, GFJ16, HRC21, NK24, PTC⁺15, RBS⁺25, SMBT19, SCK⁺23, CSL⁺07, GLM⁺25, MBB01, QJAP⁺25, WLY⁺24]. **Assistive** [MVK⁺18]. **Assurance** [XLY⁺18]. **Assured** [JSS⁺19]. **Asymmetric** [SBR⁺17, RAKK12]. **Asynchronous** [PMS15, TB20, WWW⁺12]. **At-Speed** [PTC⁺15, TPC⁺17, SXZV13]. **ATM** [RFYL98]. **ATPG** [HCC01, MT02, SGK08]. **Attack** [Ase23, BSP⁺19, CYZL23, Che18, CYLC24, GLD⁺22, GSN25, JZG21, KR24, LTZ22, LLQD23, OK20, SQL⁺24, YBM⁺21, DDFR13]. **Attacks** [AYS20, CPK20, DZS⁺18, DHB16, HYK⁺20, JIR⁺21, KD24, LSCK20, LYM⁺20, LQD22, MLH⁺17, PTPB22, RNR⁺21, RDJ25, WLC⁺24, WFW⁺25, ZLQ15, JM24, LWK11]. **Attempt** [KR23]. **Attention** [YXG⁺24]. **Attestation** [CRT19]. **Attributed** [PRCK08]. **Augmentation** [HL25]. **Augmented** [VBP⁺19]. **Augmenting** [TL19]. **Authenticated** [ENH⁺25]. **Authentication** [HRK18, MPM⁺17, YFT17]. **Authorization** [MPM⁺17]. **Auto** [HA25, STG⁺25, YCL⁺23]. **Auto-correction** [HA25]. **Auto-design** [STG⁺25]. **Auto-tuning** [YCL⁺23]. **AutoDSE** [SYGC22]. **Autogenerated** [APD⁺11]. **Automata** [BZ08, PSD21, KT01]. **Automata-based** [BZ08]. **Automated** [BPTB17, IE12, KLV15, dONH23, GWR13]. **Automatic** [BFV15, CY24, CK96, CS22, CBT⁺25, CJLZ11, EWT23, GD20, GYZ⁺22, MS08, PPC25b, SA24a, SHD17, Shi20, SRTG19, WKR09, ADS⁺09, KSS⁺09, LFG⁺09, TDE08, WWC04]. **Automatically** [BTT⁺25]. **Automating** [WHF⁺25, HA05, RSR01]. **Automation** [ADB⁺19, CH10a, CPX14, CO18, DZS⁺18, DK22, DPSY25, FZL⁺23, FXH⁺25, GHYR19, HHH⁺21, JDD20, JCPL23, KLSZ09, KAC⁺23, PSD21, PZC⁺25, SSK⁺23, DTC⁺09, LOC12]. **Automotive** [HK18, KPB19, LZZSV15, LMS16, MPM⁺17, SRTG19, XLY⁺18]. **Autonomous** [LCZ⁺25, ML09, STL⁺13]. **AutoSilicon** [LCP⁺25]. **Autotuning** [MAL23]. **Auxiliary** [BDC08, CCQ98, Pie16]. **Available** [TEK18, dONH23]. **AVB**

[DZK⁺24]. **Average** [ZLW⁺15]. **Averaging** [TWL16]. **Avoid** [WPR⁺19]. **Avoiding** [AL19, HLG⁺15, HGLC16, LLLL18, WSRH16, XPZ⁺18, LYKW09]. **award** [GK09, QS11]. **Aware** [AKAKP18, APPJD25, BDBB19, BHY⁺24, BLUS19, CMP10, CET16, CHG⁺24, CJKK19, DNT20, DZ18, FYCT15, GVJ15, HHK⁺17, HC17, HXB⁺22, HCW⁺16, HBB25, KR24, KPF16, KW16, KAC⁺23, KPB19, LHW⁺17, LLL⁺18, LHK⁺15, LZZSV15, LNG⁺16, LMS16, MT15, OT15, PZY⁺25, PBZM19, RS18, RCK⁺15, SBY⁺20, SKP21, SCK⁺23, SWT24, SYX12, TBCH17, WSH⁺18, WDD⁺23, WLLH16, Yan20, YYG⁺16, ZZW⁺25, ZYPC17, AVA24, ADP⁺07, CHH09, CGV⁺23, CLQ12, DHX⁺23, DD02, ETR07, ENP20, FS13, GM08, GKM05, HL25, HJY23, JHL02, JDD20, JP12, JCS⁺08, KPSW09, KJKK03, LC14, LKLC22, LWX⁺23, LSZ⁺21, LZ24b, LZ21, LG23, MAS⁺20, MBD⁺20, MJM11, MHQ07, MKW08, NWA⁺24, OCK19, PSD21, PPDK09, PGGD23, RGM09, SSG12, SBC08, SRKS23, SMYH07, SKS12, SNL12, SWT23, TZ20, VGG19, WH05, WPHL08, WLL⁺11, YB23, YXG⁺24, YYLL09, ZYDP08, ZYP09, SGJN24]. **awareness** [RL13]. **Ax** [EJR22]. **Ax-BxP** [EJR22].

B* [WCC03]. **B*-trees** [WCC03]. **Back** [ZLYZ25, CCK⁺18, GABP00]. **back-end** [GABP00]. **Back-Propagation-Free** [ZLYZ25]. **Backward** [BS14b]. **Balanced** [ZCK24, LLHT12]. **Balancing** [JIR⁺21, MT15]. **Band** [WTR12]. **Bandwidth** [KLK⁺17, BD08, GM03, LLKC13]. **bank** [CPW04, Kan06, SM00, Wu09]. **banked** [OK08]. **Base** [LXC⁺25b, BSP⁺19]. **Based** [APDC17, ALLE20, ANS⁺20, ASAP17, AVG19, AKM⁺22, AJK⁺21, AAA15, Ase23, BHK17, BS14a, BD14, BHY⁺24, CPS16, CCH⁺15a, CAOM19, CLT⁺15, CZZYW21, CXLL22, CYLC24, DLC⁺17, ETAV18, EO19, EGK⁺24, GNGT21, GDTF17, GHYR19, HCL⁺14, HWX⁺14, HLG⁺15, HC23, JHMGS18, JZL⁺25, JPHL16, JM14, JS25, KGS⁺20, KC10, KKK⁺17, KLIK24, KMO⁺12, LZZ23, LLH⁺17, LG18, LDLM20, LAYZ23, LZY⁺23, LWLH24, LSZ⁺24, LCZ⁺25, LS11, LHK⁺15, LLLL18, LLL⁺25c, LH11, LPY⁺20, LQD22, LGGJ14, LCC⁺15, LKC⁺18, LPL⁺21, MNMK⁺21, MCZ⁺16, MA16, MS23, MXO⁺25, MCD12, NSP⁺20, PIK20, PBH⁺24, PSNC18, PG15, Pom17a, Pom18b, Pom20, PY20, QBTM16, QZZW24, RM23b, RS18, SV16, SWM24, SMTB19, ACES25, SWT24, STGR15, TZ17, VEO16, WLZ⁺19, WCB15, WQC⁺16, WWCT18, WFSS20, WSY23, WC10, WL12, WLW⁺24b, XS16, XCF18, YCZ⁺25, YMB15, ZS16, ZHC⁺18, ZJH⁺25, AHAKP08, APSMMD25]. **based** [AM10, ADDM⁺13, BLM00, BRP24, BPRR98, BC11, BXG⁺24, BTT⁺25, BBD00, BOC00, BH10, BZ08, CLM⁺10, CNQ13, CGN96, CZW00, CFHM09, CBR⁺22, CH02, CBR⁺05, CD96, CHY05, CFX09, CM13, CCL04, DP02, DCK09, DRK⁺25, DJP21, DDNAV04, DVA02, EMO03, EY12, FLG⁺23, FS13, GK14, GG99, GPH⁺09, GD20, GBC07, GDF09, GPK⁺09, GH00, HWDQ22, HDZ⁺20, HWF⁺23, HZL⁺22, HYK⁺20, HZJC23, HCK13, HWCL13, HFMB20, HXZ⁺23, HTC⁺23, HIEKS23, IYF⁺21, JZG21, JJH21, JSF⁺25, JLF⁺12, KBN09, KZKAKP23, KK11, KLP⁺24, KSD⁺22, KNRK06, KSA⁺10, LC13, LB00, LKM04, LWC07, LCC11, LWZ⁺19, LJJ⁺22, LJZ⁺24, LHC24, LLL⁺25b, LDK99, LZ21, LCHT02, LWG⁺23, LOC12, LWK11, LLLC13, LXWC20, LYM⁺20, LG23, MMX⁺25, MMM⁺22, MP07, MS21, MLC08, NAK20, NK24, OJC⁺24, OM08, OHA19, OKC08, OK08, PSD21, PDN00, PRCK08, PMB10, PR09]. **based** [Pom14b, RL13, RS98, SW04, SGK08, STG⁺25, SWT23, SOC06, SC06, TFW24, TN99, TBZ13, TC24, VGG19,

VILSL23, VKT02, WPR⁺19, WH20, WYZ⁺25, WTW⁺23, WWC04, WC06, WPL23, WSEA99, XAG⁺20, XLP⁺25, XHF⁺25, Yan00, Yan08, YLY⁺23, YYC09, ZHM07, ZZ24, ZGB⁺24, ZS25, ZSL⁺25, ZHJ⁺23, AA17, PBZM19, ZCK24, CCQ98, CH00, MW97, MHT14, MWG97, PBSV⁺06]. **Basic** [AG22, VMP⁺00]. **Basis** [SA24a]. **Batch** [LYL⁺19]. **Battery** [MRL⁺19, NSS⁺16, Rak09, SKM⁺16, CSAHR07, LCZ⁺08]. **battery-powered** [CSAHR07]. **Bayesian** [BLR06, GPS⁺24, PTS⁺20, XJF⁺23, ZGB⁺24, ZGB⁺23]. **BDD** [CCQ98, VKT02]. **BDD-based** [CCQ98, VKT02]. **BDDs** [BC16]. **Beam** [LZ17]. **Behavior** [CLMZ10, HXC⁺18, MCdS25, RGT⁺14, XXC⁺24b, KRS06]. **Behavior-Level** [CLMZ10]. **Behavioral** [APD⁺11, AA17, CLMZ10, KHP05, Sch17, TN99, WV02, WHRC12, Fuj05, HLKN07, KSS⁺09, MRC06, VKKR02]. **behaviors** [BG01, KW02]. **Benchmark** [SA24b, PSK08]. **Benchmarking** [JBC⁺10]. **Benders** [ETAV18]. **benefited** [SLC⁺22]. **Best** [GYZ⁺22, GAS⁺24, GK09, QS11, SSCS10]. **Best-Suited** [GYZ⁺22]. **between** [ATF⁺23, CJKS24, Fuj05, YRH11]. **Betweenness** [SSN22]. **Beyond** [CPX14]. **bi** [BCC⁺25]. **bi-decomposition** [BCC⁺25]. **Biased** [EKEK22, JCK⁺18]. **biasing** [CFHM09]. **BICS** [RM09, RMB10]. **BIFEST** [LTH99]. **Bifurcation** [HHL14]. **Binaries** [SCKK25]. **Binarized** [BP23]. **Binary** [SV07, BCR⁺08]. **Binding** [CET16, KK14, LHF12, ZLQ15, BD97, CLM⁺10, CFX09, DS06, HLKN07, MKK13, MJM11, XK97]. **Bio** [BTP⁺20]. **Bio-chemical** [BTP⁺20]. **Bio-IP** [BTP⁺20]. **Biochemical** [KGS⁺20, RCK⁺15]. **Biochip** [CPK20]. **Biochips** [CGLH23, CHG⁺24, GLD⁺22, GHYR19, JYHY21, KGS⁺20, KR23, LHC16, LWLH24, LSCK20, LCZ⁺24, LKC⁺18, MGR⁺15, MWK21, PBWB21, PBF⁺22, RCK⁺15, RBWB20, RB21, SKS⁺18, SOC06, SC06]. **biomedical** [APB⁺08]. **Bipartitioning** [RTNL05, DPNB02]. **bipolar** [ZYZ⁺13]. **BIST** [BBEM15, JNS⁺17, LWC07, PKP⁺03, PGB01, SSGS03]. **Bit** [HHK⁺17, RM23a, LYCP13, NdLCR03, RMPJ08, RM09, RMB10, SBH⁺06, VILSL23]. **bit-width** [LYCP13, SBH⁺06]. **Bitline** [SP24]. **Bits** [SSO16]. **Bitstream** [HYK⁺20, OK20]. **black** [LAS01]. **BLAS** [CCYC14]. **BlOck** [AG22, CM19, CCYC14, CCK⁺18, DK16, NK24, ZLG⁺19, KRS06, LPP00, MHD⁺04, MS00, WCC03]. **Block-level** [CCYC14]. **block-processing** [LPP00]. **Blockage** [JD18]. **Blockchain** [CUA⁺24, IK19, XRS⁺19]. **Blocked** [EJR22]. **Blocks** [AFM14, JPM⁺19, DK08, FLWW02, FLWC07, MHD⁺04, MS00]. **Blood** [JS25]. **Blue** [RGX⁺24]. **BMC** [GGB⁺24]. **BNF** [WWC04]. **BNF-based** [WWC04]. **BoA** [XJF⁺23]. **BoA-PTA** [XJF⁺23]. **Board** [MW97]. **Board-level** [MW97]. **Boards** [GDTF17, BPRR98, OW06]. **body** [CFHM09]. **body-biasing** [CFHM09]. **bonding** [WPL23]. **BonnRoute** [GMN⁺13]. **Boolean** [PRCK08, BR12, BD97, BC11, BCC⁺25, CCQ98, GPK⁺09, OK20, SGJ96, WLC⁺24, ZHL⁺25]. **BOOM** [BSZ⁺24]. **BOOM-Explorer** [BSZ⁺24]. **Boosting** [CMNQ08, CSO22, XAG⁺20, ZGB⁺23]. **borrowing** [LCHT02]. **Both** [WH20]. **bottleneck** [NM13]. **Bound** [IIEKS23, JLJ15, HWF⁺23, LC96, LTPR⁺13, YWK⁺03]. **Boundary** [Pom19a]. **Boundary-Functional** [Pom19a]. **Bounded** [CKKT98, DFC⁺25, LLLL18]. **Bounded-skew** [CKKT98]. **bounds** [TC98]. **Boxes** [HSR⁺24, LAS01]. **BoxRouter** [CLYP09]. **Brain** [GNQ⁺22, WSY23]. **Brain-Inspired** [WSY23]. **Brain-network-inspired** [GNQ⁺22]. **branch** [CBHK11].

branch-and-cut [CBHK11]. **Breaking** [Che18, KSD⁺22]. **breakpoint** [KRK98]. **Breakpoints** [KRK98]. **Bridge** [CGK25, TC24]. **Bridge-based** [TC24]. **bridges** [LLQ⁺03, EBR⁺09]. **Bridging** [ZZM⁺25, LTH99, TCP97]. **Broadside** [Pom15a, Pom16a, Pom16c, Pom18b, Pom19a, Pom21a, Pom24b, Pom13, Pom14a, Pom14b]. **BSP** [SYHL14]. **BTI** [GC18]. **BTI-Aging** [GC18]. **bubble** [Yan00]. **bubble-sorting-based** [Yan00]. **Budgeting** [CXH⁺16, STGR15, HLHT08, LCHT02]. **Budgeting-Based** [STGR15]. **Buffer** [LYLW17, MB04, SAL19, TCL14, WHRC12, WZL⁺25, CW01, FHHG12, JHL02, LLHT12, LT11, XTW05]. **Buffered** [OCK19, Yan16, CM08]. **buffering** [KRS06, KC13]. **Buffers** [CK16, SJN24]. **Bug** [QJAP⁺25]. **Bugs** [HA25, SA24a]. **Building** [JDD20]. **Buildings** [ZHC⁺18]. **Built** [EO19, IYF⁺21, Pom13, Pom24a, SBB⁺18, WCB15, LTH99]. **Built-In** [EO19, SBB⁺18, WCB15, IYF⁺21, Pom13, Pom24a, LTH99]. **bump** [DVA02]. **bump-and-refit** [DVA02]. **Burst** [CHBK15, CIX15, HA25]. **Burst-Writes** [CIX15]. **Bus** [GG99, Yan19, JWL⁺03, LCOM07, LV02, OW06, SCJ01, YW09]. **Bus-based** [GG99]. **Buses** [Yan17, YGZ04]. **Butterfly** [LLQD23, ZYPC17]. **BxP** [EJR22]. **Bypass** [PMT20, YKCG14].

C [LWC18, RMPJ08]. **C-Mine** [LWC18]. **C-testable** [RMPJ08]. **C2HLSC** [CGK25]. **C2RTL** [ZLL⁺16]. **Cache** [AKM⁺22, BFG⁺19, CPS16, CAOM19, DJP21, GD22, GG04, HWX⁺14, JZYZ15, JLK15, KLJ14, LYLW17, MACV14, Mit16, NTSA18, NAK20, SSS⁺19, SABSA15, SMBT19, SJ23, SAL19, TYSF20, WDL17, YPCF17, Giv06, JS13, LMW99, LSL⁺13, PDN97, SLXZ12, TKVN07, TY97, VS12b, ZYDP08, NTSA18]. **cache-coherence-enabled** [LSL⁺13]. **Cacheline** [PBL⁺17]. **Caches** [BDR⁺24, CK19, CB17, SJN24, SYX12, CXK⁺13, LSDV10, ZP08]. **Caching** [WQC⁺16, HCK13]. **CAD** [BSP⁺19, HAW20, KLSZ09, KLSZ11, LZR23, LYM⁺20, NPH⁺20, NSP⁺20, PLH⁺24, SB98, Vah02]. **CAD-Base** [BSP⁺19]. **CAD/EDA** [LZR23]. **calculation** [RCD07]. **Calibration** [CCMC20, PMB10]. **Call** [Ano13, CH10a, Ped11, KLSZ09]. **CALM** [ZYPC17]. **Cameras** [YMB15]. **Camouflaged** [WCZ⁺24]. **Camouflaging** [ISK21]. **CAN** [LMS16, YWF⁺24]. **CAN-to-TSN** [YWF⁺24]. **Cancellation** [LTYW12, FIR⁺97]. **Candidate** [WBXJ25]. **Canonical** [MCdS25]. **Cap** [HC17, YLY⁺23]. **Capabilities** [MNT⁺25]. **Capability** [EW18b, LCP⁺25]. **Capacitance** [XLS15, YLY⁺23]. **capacitive** [LXCH04]. **Capacitor** [HWCL15, HWCL13]. **Capacitors** [SCK18]. **Capacity** [CHG⁺24, GDTY24]. **Capacity-Aware** [CHG⁺24]. **CapsNet** [WYZ⁺25]. **Capture** [PTC⁺15, XCW12, Xia24]. **Carbon** [WSH⁺18]. **Carbon-Nanotube** [WSH⁺18]. **Care** [DY23, TPC⁺17]. **cares** [CBMM10, SGK08]. **Carlo** [FZL⁺23, GLY⁺12, ZFL22]. **Carrying** [IPWW17]. **CASCA** [DZS⁺18]. **Cascade** [YYL⁺15]. **Cascaded** [XLP⁺25]. **Case** [APDC17, CH17, LLP⁺16, LYM⁺20, RCW22, RPR⁺21, DCC⁺23]. **Cases** [LWC18, KFH⁺08]. **Causal** [CBC22]. **Cause** [PLC24]. **caused** [SHLL98]. **Cayley** [CCH15b]. **CBDC** [LLQD23]. **CBDC-PUF** [LLQD23]. **CCM** [TWL16]. **CDTA** [YFT17]. **Cell** [ACF⁺11, CZZYW21, DSM25, DBK⁺18, GSN25, JZYZ15, KRL15, RM23a, SP24, TRM⁺16, WPR⁺19, WC10, XNZ⁺15, ZCS⁺24, JCS⁺08, KBN09, LCZ⁺08, MRB⁺11, MS00, RS03, SSCS10, dW97]. **Cell-based** [WPR⁺19]. **Cells** [CYLC24, HWGY16, JCK⁺18, MJB19, SKM⁺16, GH00, TS96]. **Cellular**

[PSD21, KT01]. **CeMux** [BH22]. **Centralised** [CK19]. **Centrality** [SSN22]. **Centralized** [ZHC⁺23]. **Centric** [HTC⁺25, WGS16, XLNB17, CZW⁺25, WCB⁺24, ZHOM08]. **Centroid** [WLLH16, HWCL13]. **CGRA** [KZKAKP23, WCB⁺24]. **CGRAs** [LDYW25]. **CGRCA** [JDLZ24]. **Chain** [BSP⁺19, CUA⁺24, LHC16, LLQD23, Pom17b, RNR⁺21, SLP⁺19, XRS⁺19, YFT17, YSF⁺18, YFT18, YBS⁺18, GKM05, RMKP03, TYH08, WPHL08]. **chained** [KC13]. **Chains** [Pom16b]. **Challenges** [BRCS18, MRL⁺19, XLNB17, Ped11, RBA⁺12]. **Change** [JSA18, LLP⁺16]. **changes** [LG12]. **Changing** [MMM⁺22]. **Channel** [BDBB19, CGLH23, CHG⁺24, DRK⁺25, DZS⁺18, JM14, KD24, LSZ⁺24, LQD22, PPP⁺15, WFW⁺25, ZBPF18, CYZL23, FLWC07, HSA⁺04, LLKY13, LZ24b, LM21, NPH⁺20, Yan00, YCHT00]. **Channel-based** [DRK⁺25]. **Channels** [BSP⁺22, GNGT21, JLJ15, DSKB04]. **Chaotic** [CSC⁺21]. **Characteristics** [CFD⁺16, DHZL23, JLF⁺12]. **Characterization** [FACA25, KRL15, MMM⁺22, SRC15, BW00, JCS⁺08]. **Charge** [VA17b]. **Chassis** [APD⁺11]. **ChatDSE** [TCW⁺25]. **check** [CL13, YCHT00]. **checker** [BZ08]. **checkerboard** [GC96]. **Checkers** [SWM24]. **Checking** [AA17, DFC⁺25, FOM⁺25, KW16, XHY⁺25, ZZL⁺23, AGM01, BK10, CNQ13, Fuj05, HMB98, KMS12, YWGI09, ZJL25]. **Chemical** [LTW⁺16, BTP⁺20]. **Chief** [Ano13, Hu20]. **Chip** [ADB⁺19, ALL17, BHK17, BD14, BDBB19, CK19, CM20, FHL⁺23, GADG19, GSD⁺18, HAB⁺17, HZS⁺19, IHM15, JLJ15, JNS⁺17, JZYZ15, JGM14, KBV⁺15, LDD⁺18, LDD⁺19, LW17, LCL⁺24, LTC25, PMT20, PGCB16, SCK18, SMBT19, STWX12, SGGR14, WLT08, XS16, XCF18, Yan16, YKCG14, ZHC⁺21, ZYS12, ZYPC17, AYM05, APB⁺08, ADS⁺09, BMJ13, Cha01, CKAP07, CSC08, CZW⁺25, CXK⁺13, CBR⁺05, CCL04, DNT20, HDL⁺12, JP12, KP13, KYN⁺12, LCOM07, LLKY13, LLKC13, LH13, LC13, MD13, NR03, OM08, PLH⁺24, PDN00, PPDK09, PTC05, Pom24a, TDE08, WM24, WDC⁺22, WDLX21, Yan11, YLP⁺13, ZSZ10, ZMTC13, ZM07, WLL⁺11, AHL⁺08]. **Chip-Multiprocessors** [HAB⁺17]. **chip-package** [LC13]. **Chip-to-Chip** [GADG19]. **Chipless** [YBS⁺18]. **Chiplet** [SDD⁺25, WFW⁺25]. **Chips** [CCY22, HCZ⁺16, LZ24a, LWX⁺23, RDJ25, SOS15, GNQ⁺22, HGBH09, VS12a]. **Chisel** [FMR23]. **choice** [SBGD13]. **choose** [DNA⁺12]. **CHSM** [CUA⁺24]. **CIM** [MMX⁺25]. **Cipher** [ZHL⁺25]. **ciphers** [JM24, LWK11]. **circadian** [GS13]. **Circuit** [ADB⁺19, AVA24, BBEM15, BZWZ17, BFL10, CM18, CM19, CZZYW21, CY24, FZL⁺23, FXH⁺25, GBR07, GDTF17, GPS⁺24, HS18, HRC21, HHX⁺23, HS19, JK10, LYSO19, LH11, LQD22, LZA25, RJBS09, SS24, SA24b, SMYH07, Shi20, STG⁺25, SCK⁺23, TWL16, WSH⁺18, WKC12, ZGB⁺24, ZS25, ZFL22, ZCS⁺24, ADM⁺13, AJM13, BDB98, CSC08, CBMM10, CSX⁺05, DL11, GMSSS02, HRP00, LLQ⁺03, OW06, RCD07, SPMS02, YH97, YMC⁺13]. **Circuit-Averaging** [TWL16]. **Circuit-simulated** [SMYH07]. **circuit-switched** [CSC08]. **Circuits** [APPJD25, BJX15, CGS⁺24, CHF25, FOM⁺25, GPS⁺24, HDB22, HWL⁺23a, HZL⁺22, JZG21, KKS16, LD17, LSZ⁺21, LS22, LLM⁺23, LZ21, NL24, PB12, Pom16b, RGM15, SA24a, SHD17, SCK⁺23, TC24, WTR12, WLW⁺24b, WCX⁺24, XAG⁺20, ZSY18, ZHJ⁺23, ZJH⁺25, BLM00, BLR06, BC05, BASB01, CSKR05, CLLK06, CACS05, Che96, CPR⁺02, DC07, DD02, EMO03, HVF⁺01, HH09, HWCL13, KJKK03, KOS09, KVMH08, LH09, LON08, LFG⁺09, LTPR⁺13, NS03, PL98, PSK08,

PR98, PR09, RTNL05, SNH02, ST99, WV02, ZCG06, SSCS10]. **Clamp** [VEO16]. **class** [SB98]. **Classification** [GAT⁺21, MS17, VNS19, RAKK12]. **Classifiers** [ALL17]. **cleaning** [JS13]. **client** [dW97]. **client-server** [dW97]. **Clip** [HWF⁺23, GH00]. **Clock** [DRK⁺25, EK16, HN07, HYN15, KK14, KK11, KKS16, LLL⁺18, LNG⁺16, LT11, LS17, OCK19, TCW20, UE22, WCCC14, WKC12, WWW⁺12, BDM⁺99, BDB98, CGN96, CM08, CHH09, CKKT98, GHW⁺12, GWR13, HTCP13, LLHT12, LLLC13, PL98, SSGS03, TDF⁺09, wATkK02]. **Clock-Aware** [LLL⁺18]. **Clock-Gating** [WKC12, BDM⁺99]. **Clock-Tree** [KKS16]. **Clock-Tree-Aware** [LNG⁺16]. **clocked** [BD00]. **Clocking** [BPTB17, MR05]. **Cloning** [JNCS19, Vah99]. **Close** [Pom18b]. **Close-to-Functional** [Pom18b]. **Closed** [CW01]. **closure** [LC14, YYC07]. **Cloud** [BD14, LLZ⁺25]. **Cloud-FPGA** [LLZ⁺25]. **Cluster** [CM19, DD02, LJV02, SB98, KJR⁺07, LWC07]. **Cluster-aware** [DD02]. **Cluster-cover** [SB98]. **Clustered** [CMP10, GBK07]. **Clustering** [HWF⁺23, HA25, SWM24, VILSL23, XLL⁺16, CC06, HLCH07, MLMM08, SPMS02]. **clusters** [OWH08]. **CMAPS** [Hsi00]. **CMOS** [ACF⁺11, ADB⁺19, CFD⁺16, GH00, LTH99, PHKW12, WSS⁺18]. **CMP** [CXK⁺13, WGS16, ZHL⁺23]. **CmpCNN** [ZHL⁺23]. **CMPs** [CAOM19, SYX12]. **CNN** [EGK⁺25, JSF⁺25, LCJ⁺22, LHC24, LYM⁺20, MS23, TWM⁺23, TZZH22, VKT25, VFML23, YLY⁺23, ZHL⁺23]. **CNN-Based** [MS23, JSF⁺25, LYM⁺20]. **CNN-Cap** [YLY⁺23]. **CNNFlow** [NM23]. **CNNs** [LLL⁺25a, PRKK21, WDD⁺23]. **CO** [ASPP24, CVMP19, CBR⁺22, Hua01, HTC⁺25, JSS⁺19, JS25, LCG⁺22, LLL⁺25a, LXC⁺25a, MMX⁺25, PLC24, PGGD23, SKM⁺16, WWFT12, ZHC⁺23]. **Co-Design** [HTC⁺25, JS25, CBR⁺22, LLL⁺25a, ZHC⁺23]. **Co-designed** [MMX⁺25]. **Co-Learning** [LXC⁺25a]. **Co-optimization** [LCG⁺22]. **Co-scheduling** [PGGD23]. **Co-Simulation** [SKM⁺16, WWFT12, CVMP19]. **Co-synthesis** [Hua01]. **Co-Training** [JSS⁺19, PLC24]. **coarse** [KLSP11]. **coarse-grained** [KLSP11]. **cocurrent** [KI01]. **Code** [AMR00, AM98, CL99a, FHHR21, HL25, MLH⁺17, PBL⁺25, TAP⁺24, TY97, AAKT⁺25, BH10, CZW⁺25, DHV⁺00, KMS12, KNDK96, KH10, LP03, LB00, LKTD98, LDK99, OKC08, SR12, SBH⁺06, SM00, VMP⁺00, VLGG01]. **Code-Injection** [MLH⁺17]. **code-motion** [DHV⁺00]. **codes** [RM09, WHXZ13]. **Codesign** [BM11, CMM00, FIR⁺97, GABP00, GGB97, HKL⁺07, SCV06]. **Coding** [WZL⁺21]. **Coefficient** [APDC17]. **Coexistent** [BDBB19]. **Coffee** [RJL⁺09]. **Cognition** [HXC⁺18]. **Coherence** [GD22, HWX⁺14, LSL⁺13, ZYDP08]. **coherency** [VS12b]. **Collection** [GSD⁺18, HCL⁺14, ZLW⁺15]. **Collection-Induced** [GSD⁺18]. **colony** [WGDK07]. **Coloring** [ZLY⁺15, CML98]. **Combinational** [CD96, HWL⁺23a, LD17, EMO03, KT96, KOS09, PR98, RJBS09, TN99]. **Combinatorial** [AM05, VLH04]. **Combining** [ETAV18, LFST21, SPG⁺08]. **CoMETC** [ANR13]. **Commercial** [LRHL24, MPDG09]. **Commercial-quality** [LRHL24]. **Common** [DHB16, LWC18, WLLH16, ZYZ⁺13, HWCL13]. **Common-Centroid** [WLLH16]. **common-centroid-based** [HWCL13]. **Common-source-line** [ZYZ⁺13]. **Communication** [CARH18, KPF16, LLZ⁺25, SRTG19, YP10, ADS⁺09, GBK07, GG99, LCOM07, MOZ06, PPDK09, PBSV⁺06, ZM07]. **Compact** [LJ18, MAS16, PBH⁺24, SYH⁺22, WTR12, XCW12, HVF⁺01, YHL07]. **Compacting**

[PL03]. **Compaction** [Pom15a, Pom15b, Pom20, EMO03, MHD⁺04, TBZ13, XLCL13]. **Comparative** [Brz24, Kha23, MLG12, PB14]. **Comparator** [XZW⁺25]. **Comparing** [VGG19]. **Comparison** [SA24b]. **Comparisons** [PKC⁺21]. **compatible** [SGK08, WWC04]. **compensation** [CFHM09]. **Compilation** [HLL⁺25, SFM⁺19, SBH⁺06, YHL07, KLS11, MSR09, VLGG01]. **Compile** [KNRK06]. **Compile-time** [KNRK06]. **compiled** [PHM00]. **Compiler** [BRF24, HTC⁺23, KR24, LHS20, LPD⁺17, LLHT03, SMBT19, SYHL14, WKL⁺18, XPSE12, BD08, GGDN04, HG07, KRS06, SSG12]. **Compiler-Assisted** [SMBT19]. **compiler-directed** [HG07]. **Compiler-in-the-loop** [XPSE12]. **Compilers** [YLL06, ZJL25]. **Compiling** [LZ24a, Edw03]. **Complementary** [CYLC24, QSW⁺15]. **Complementation** [Pom15a]. **Complete** [PDS12, AGM01]. **complete-** [AGM01]. **completeness** [LLYW10]. **Complex** [DYP⁺25, FXH⁺25, FACA25, WTR12, TYH08]. **Complex-Valued** [WTR12]. **Complexity** [ASAP17, AL19, LTYW12, WYC10, BCC08, YCCG03]. **Compliance** [HC18, BGM04]. **Component** [HWL⁺23b, LH14, PG15, RSR01]. **Component-Based** [PG15]. **Component-Composition** [LH14]. **Composable** [VGG19, WTL⁺13, HGBH09]. **Composition** [LH14, AG22]. **Compositions** [NSCM17]. **compound** [FLWC07]. **Comprehensive** [DSHD23, GSFT16, JNS⁺17, PTPB22, SA24b, SSK⁺23, YFT17, ZBPF18]. **Compress** [XCW12]. **Compressed** [PBL⁺17]. **Compression** [BLNK14, EK16, NK24, TC24, Xia24, BH10, JCS⁺08, LCT03, LDK99, NT05, OKC08]. **Compressors** [SMS22]. **CoMPSoC** [HGBH09]. **Computation** [BFG17a, CV17, CARH18, EJR22, FHL⁺23, IIEKS23, KCKG16, KS23, MOZ06, Pom17a, BLM00, GMSSS02, HLCH07, HW00, Kag05, WYIG07, YH97]. **Computational** [BCC08]. **Computations** [CBR⁺22, CXR⁺23, ENP20, ARLJH06, LPP00, PGB01]. **Compute** [HJY23, LPL⁺21, TCP97]. **Compute-in-Memory** [HJY23]. **Compute-in-Memory-Based** [LPL⁺21]. **Computer** [MFHP12, CSL⁺07, MBB01]. **computer-assisted** [CSL⁺07, MBB01]. **Computing** [BMdG17, BXG⁺24, CDB11, DMR24, HHX⁺23, HXZ⁺23, JSS⁺19, KLIK24, LY24, MHA19, NRDB19, RTJE25, SN10, WLH20, WMF⁺25, XGC⁺20, YBM⁺21, ZXC⁺23, CLQ12, LC96, NR01]. **Concept** [AM10]. **Concept-based** [AM10]. **Concolic** [WJM24]. **Concurrency** [SSG12, Sen11]. **Concurrency-aware** [SSG12]. **Concurrency-oriented** [Sen11]. **Concurrent** [SOC06, WH20, XHL⁺25, Edw03, EY12, HCLC98, LC13, RBA⁺12]. **Conditional** [CLH12, CCH15b, KW02]. **Conditionally** [CSC⁺21]. **conditions** [HN07, YH97]. **Confidence** [JT98]. **Configurability** [WDW⁺25]. **Configurable** [EAAK⁺23, LSPC14, LLQD23, BD08, LCD07, SPG⁺08]. **Configuration** [JZL⁺25, WCZ⁺24]. **Configurations** [HABS15, BHS11]. **Conflict** [GSD⁺18]. **Congestion** [LXC⁺25a, MXO⁺25, RGM15, SYL09, SAHF⁺20, XXC⁺24a, YWF⁺24, YWK⁺03, ZPLI23, LCJ⁺10, RL13]. **Congestion-Free** [RGM15]. **Connected** [LJZ⁺24]. **connection** [Yan11]. **connections** [YCCG03]. **Conquer** [LDYW25, HPK99, SW12]. **Conscious** [LLP⁺16]. **Consecutive** [Yan17]. **Consideration** [JD18, LYLW17, WPL23]. **considered** [HN07]. **Considering** [BHLG19, CHL⁺25, CCK⁺18, CHF25, GC18, JOH17, WCCC14, KPR06, LH13, LTPR⁺13]. **Consistency** [CJKS24, YP10].

Consolidated [HC17]. **Constant** [CHC⁺16, GYT12]. **Constant-Cost** [CHC⁺16]. **Constrained** [DCS⁺24, LLM01, LLLL18, NRM⁺24, PBF⁺22, RKKH24, Yan18, BG01, GOC02, LSDV10, MMP00, NG06, NR01, OKC08, QLX⁺25, SCB01, WG11, WLH20, WLCJ09, XPX⁺21, XXC⁺24b, YWW10, ZHOM08]. **Constraint** [KKK12, MRMP08, RS18, VMP⁺00, YRH11, Das09, PR96, TP08]. **Constraint-Based** [RS18]. **Constraint-driven** [MRMP08]. **Constraints** [CLC20, DBK⁺18, Kuc03, MN17, Pom16a, Yan17, ZCS⁺24, BD05, CSAHR07, Hua01, QS09, SSP04, wATkK02, VLH98, WWG08, ZAZ13, ZW98]. **Constraints-driven** [Kuc03]. **Constructed** [ZXC⁺23]. **Constructing** [DSRV02, JZYZ15]. **Construction** [DLK24, EK16, HGLC16, LLLL18, LXC⁺25b, CM08, LH09, LYKW09, Yan08, ZCG06]. **Constructive** [LYL⁺23]. **Consumption** [Brz24, FG18, SCKK25, Kan06, TKVN07]. **Contact** [YLZ⁺17]. **Contact-Hole** [YLZ⁺17]. **Containing** [WWW⁺12, LAS01]. **Content** [HHK⁺17, RB19, MLC08]. **Content-Aware** [HHK⁺17]. **content-based** [MLC08]. **Contention** [CHA⁺23, DJP21, KLJ14, ZYPC17]. **Contention-Aware** [ZYPC17]. **Context** [HL25, RG19, BDC08, JHL02]. **Context-aware** [HL25, JHL02]. **context-triggered** [BDC08]. **Context-Varying** [RG19]. **Contiguous** [KKLG15]. **Continuous** [CHG⁺24]. **Continuous-Flow** [CHG⁺24]. **Control** [AVG19, BDB12, BYT22, CGLH23, CS22, FHHR21, GDD21, JDD20, JK10, LDP⁺22, LJJ⁺22, MAS⁺20, PIK20, PCT⁺17, QSW⁺15, SS24, SRP25, VGG19, ADDM⁺13, BMJ13, CXK⁺13, CR12, FRS97, KSA⁺10, MWG97, OM08, SHLL98, ZAJ⁺12]. **control-dominated** [FRS97, MWG97]. **Control-Flow** [FHHR21]. **Control-system** [CGLH23]. **Controlled** [TRM⁺16, DL11]. **Controller** [KMR18, SSL17, GF06, HMLL11, LC14]. **Controllers** [LVS16, PDS12, BDM⁺99, Fuj05, NCP01]. **Controlling** [KYL16]. **controls** [YHL07]. **conversion** [ZLL13]. **Converter** [FZL⁺23, SGGR14, WDC⁺22, ADS⁺09]. **Converters** [SBB⁺18, TWL16, WGT⁺17, JR97]. **Convolution** [CLX⁺23, EGK⁺25, HLW⁺23]. **Convolutional** [CHK⁺23, DCC⁺23, MNMK⁺21, NM23, NGL⁺21, YLY⁺23]. **cooling** [ANR13]. **Cooperation** [ATF⁺23]. **Cooperative** [LHF12, ASPP24]. **cooptimization** [ZLL13]. **Coordinated** [ANR13, DJP21, GGDN04]. **COPE** [DJP21]. **Copilot** [XHW⁺25]. **coprocessor** [GDTG07]. **coprocessors** [SCV06]. **Core** [CAOM19, CYH19, ETAV18, KD24, LHLP16, SBY⁺20, SESN15, WMT⁺16, WDC⁺22, WDLX21, CCL04, GD22, LBV⁺06, LG23, RAKK12, SEN05, SZV⁺12, XZC09]. **core-based** [CCL04]. **core-external** [XZC09]. **Cores** [RKKH24, SFM⁺19, WGS16, GG04, LV02, SSGS03, XZC09]. **CoreSight** [LLH⁺17]. **Corner** [KQP⁺19, MHD⁺04, Meh98]. **Corners** [GPS⁺24]. **correct** [ADS⁺09]. **corrected** [TC24]. **Correcting** [PGCB16]. **Correction** [DZ18, QJAP⁺25, SA24a, HA25, RM09, WHXZ13]. **Correlated** [SCL⁺22, SXZV13]. **Correlations** [LYSO19]. **cosimulation** [FLPP09]. **Cost** [ABC⁺17, CHC⁺16, JPHL16, LSZ⁺24, LCL⁺24, MHT14, MJB19, QS09, BPRR98, BWB14, Giv06, HCK13, JDLZ24, LG12]. **Cost-Driven** [LCL⁺24]. **Cost-Effective** [JPHL16, MHT14]. **cosynthesis** [Hsi00, Wol96]. **Counterfeit** [YFT17]. **Countermeasure** [HYK⁺20, OK20, SCY25]. **Countermeasures** [CPK20, DZS⁺18]. **Counting** [PB12]. **coupled** [LMB⁺12].

Coupling[LDD⁺19, KJKK03, LXCH04, SKCM06].**coupling-aware** [KJKK03]. **Covariance** [WLC⁺24, KPR06]. **cover** [SB98].**Coverage**[AKAKP18, CYV⁺14, CM13, IE12, Pom22, XAG⁺20, DSH12, FZKS11, GF06, Sen11, SDP⁺09, TCP97, WPHL08, WPR⁺19].**Coverage-Directed** [IE12, CM13].**Coverage-Driven** [CYV⁺14]. **Covering** [BZWZ17, Pom21a]. **CoVerPlan** [DSHD23].**Covert** [GNGT21, KD24]. **CPSim**[LZX⁺24]. **CPU** [LG23, MMR⁺25, SEN05, WMF⁺25, ZBPF18]. **CRA** [LLH⁺17].**Crash** [WL12]. **Creation** [NRZ⁺18].**criteria** [CGN96]. **Critical** [AKAKP18, BSP⁺22, FYCT15, GC18, IGN18, KMR18, LC14, STJG16, XGWL24, ETR07, HKB⁺07].**Critical-path-aware** [LC14, ETR07].**Criticality** [BB17, CV17, CYH19, SZB17, YWF⁺24, ZABGZ17]. **CRM_BF** [ZHL⁺25].**Cross** [APG24, EKEK22, KD24, VBP⁺19, WFT⁺19, XNZ⁺15, ZJL25].**Cross-checking** [ZJL25]. **Cross-Core** [KD24]. **Cross-layer** [EKEK22].**Cross-level** [VBP⁺19]. **Cross-Point**[XNZ⁺15, WFT⁺19]. **Cross-Stack** [APG24].**Crossbar** [BXG⁺24, LHC24, XGC⁺20, XLP⁺25, THL⁺13]. **Crossbar-based**[BXG⁺24]. **crossbar-switch** [THL⁺13].**Crossing** [ZZM⁺25, SW99]. **Crosstalk** [LWH06, LDX22, HR06, JPCJ06, LCC11, MCMW08, Mut09, ZW98].**crosstalk-driven** [JPCJ06].**Crosstalk-Induced** [LDX22]. **CRP2.0**[ATF⁺23]. **Crypto** [KR24]. **Cryptographic** [LQD22, DP04]. **Cubes** [CLH12, WC10].**Cubic** [HWL⁺23b]. **cuboidal** [WYC10].**CUDA** [HCG⁺24]. **CuPBoP** [HCG⁺24].**Current** [CH10b, MN17, PS23, WLLH16, HLCH07, HCN09]. **Current-Ratio** [WLLH16]. **Custom**[HRC21, KAKSP16, LW17, LSZ⁺24, LHF12, LF12, TDF⁺09, AMR00, HMVG13, TS96].**Customizable** [LIK22, MPSJ07].**Customization** [CBT⁺25, CBMM10, MKK13, MSB⁺09, YLP⁺13]. **Customized** [PSP24, ZHL⁺25]. **Cut** [SHL⁺19, CBHK11].**Cutting** [LVS16]. **Cyber**[CXLL22, LZX⁺24, SKM⁺16, ZCL⁺25].**Cyber-Physical**[CXLL22, LZX⁺24, SKM⁺16, ZCL⁺25].**Cyberphysical** [PGCB16]. **Cycle**[BHY⁺24, LVS16, LS11, Pom25c, WZH⁺23, Das04, Pom14a]. **Cycle-Level** [LS11].**cycled** [JSG09]. **Cycles** [KAKSP16].**Cyclic** [BR12, Che18, ZZF⁺25].**D** [CWL⁺22, GH00, WCB15, ADDM⁺13, AJK⁺21, CLT⁺15, CBR⁺22, CXR⁺23, DLC⁺17, DLK24, DHZL23, FZH⁺25, JGM14, KK11, KKHK16, KLE18, LLKC13, LDD⁺18, LDD⁺19, LHZ⁺06, LHC16, LW17, LS19, LCL⁺24, LS17, MAL23, OS03, OCK19, PSP24, PRKK21, PKC⁺21, RL13, SA24b, SKP21, SYX12, THM15, TMDF10, TTL⁺24, VILSL23, WYC10, WWCT18, WTW⁺23, XGC⁺20, YHH09, ZGB⁺24, ZYS12, ZPLI23].**D-enabled** [LDD⁺19]. **D-ICs** [LS17].**D-NoC** [ADDM⁺13]. **D-Stacked** [SYX12].**DAG** [SRKS23, WJG⁺19]. **DAGSizer**[CHK⁺23]. **daisy** [KC13]. **daisy-chained**[KC13]. **DANCE** [LCG⁺22]. **Dark**[HAB⁺17]. **DARP** [CRC15]. **DARP-MP**[CRC15]. **Data**[APPJD25, CPS16, CCMC20, CWZ⁺25, DZCD15, FHHH22, GT25, HL25, HBBD25, JLK15, KW16, LWC18, LL19, NTSA18, NM23, OJC⁺24, OHA19, PCD⁺01, Pom16c, PAV17, PA21, Pom25b, SPC⁺15, SUC01, TYSF20, TZZH22, TTL⁺24, VTC20, WDD⁺23, WCB⁺24, XCW12, XPZ⁺18, BHW⁺13, BK00, BWB14, BHS11, CZW⁺25, FWCL05, GFC⁺09, GMN⁺13, GDF09, IBMD07, JCS⁺08, KMS12, KI01, KCA04, LS23, LSPC14, LCT03, Meh98, NR03, PDN97, PDN00, PGB01, RMKP03, SM00, VCLD03, YGZ04, LCG⁺22]. **Data-centric**

[WCB⁺24, CZW⁺25]. **data-dominant** [VCLD03]. **Data-Driven** [DZCD15, LL19]. **Data-flow** [FHHH22]. **data-flow-driven** [KMS12]. **DAta-Network** [LCG⁺22]. **Databases** [HCL⁺14]. **Dataflow** [ASAP17, BMdG17, BLUS19, BFG17b, BFG17a, CH17, HPB11, JJH21, JOH17, LFST21, SFM⁺19, SS14, WML⁺24, HKB⁺07, MHF96, MB04]. **Dataflows** [LPLK22, VKT25]. **Datapath** [JR97, PIK20, CL99b, GDTG07, MR05, XPSE12]. **datapaths** [Fuj05, GK07, GK09, NCP01]. **Dataset** [STG⁺25]. **DC** [CFD⁺16, SBB⁺18, TWL16, WGT⁺17, WDC⁺22]. **DC-DC** [WGT⁺17, WDC⁺22]. **DCM** [TWL16]. **DCW** [WLZ⁺19]. **DDAM** [WDD⁺23]. **Deadline** [ZCL⁺25]. **Deadlines** [ENP20, WJG⁺19]. **deadlock** [LM05, TDE08]. **deadspace** [SY07]. **Debug** [EW18b, LHL16, HW14]. **Debugging** [Ali12, BHK17, RPKC05, YLC⁺25]. **Decade** [XFJ⁺16]. **decap** [LCL08]. **Decision** [CWL⁺22, HZL⁺22]. **decode** [TKVN07]. **Decoder** [CAP⁺23, SJL23, CCC⁺09a]. **decoders** [KHW06]. **Decoding** [CWL⁺22]. **Decomposition** [CHF25, ETAV18, GBR07, HWDQ22, HCW⁺16, KHW06, LZ17, RFG20, YLZ⁺17, ZLY⁺15, ZGB⁺24, BCC⁺25, CHHL96, CH00, EMO03, LM96, WSEA99]. **Decomposition-based** [ZGB⁺24, EMO03]. **Decompression** [PBL⁺17]. **Decoupled** [DMR23, DSM25]. **Decoupling** [SCK18, XLS15]. **deduction** [DP02]. **Deep** [Ase23, CLL⁺22, EJR22, HZJC23, HLX⁺23, KZKAKP23, KLP⁺24, LYL⁺19, LJZ⁺24, LCZ⁺25, LCZ⁺24, LLL⁺24, LLL⁺25c, LPL⁺21, NHS23, PSP24, RBS⁺25, RNA⁺21, SKR⁺22, SQL⁺24, UPV23, ZHC⁺23, ZBG⁺23]. **DeepFlow** [APG24]. **DeepOTF** [XXC⁺24b]. **DeepPM** [SCKK25]. **Defect** [JSF⁺25, XAG⁺20, ACT13, JT98]. **defect-level** [JT98]. **Defective** [PB12]. **Defects** [TC24, XLCL13]. **Defending** [YFT18]. **Defense** [BXG⁺24, GLD⁺22, LDX22]. **deficiency** [ZCG06]. **Defined** [JHMGS18]. **Definition** [BC16, Pom15c, ZLG⁺19, CCC⁺09a, VCLD03]. **Deflection** [LLKC13]. **Deformable** [CLX⁺23]. **Degraded** [SLC⁺22]. **degree** [CT13, TP08]. **Delay** [CHL⁺25, CLC⁺24, EAAK⁺23, FYCT15, JLJ15, JK10, JOH17, LW21, LLQD23, MCD12, STJG16, XCW12, ZK15, BDB98, CFHM09, GS00, GMSSS02, HR06, KJKK03, LLHT12, MT02, MKW09, PT06, PMB10, PR98, PR96, RCD07, SC00, SSP04, TD03, WVYG99, XLCL13, XPSE12, YH97, YHL⁺11]. **Delay-Adjustable** [LW21]. **delay-area** [XPSE12]. **Delay-Fault** [LW21]. **delay-sensitivity-based** [PMB10]. **Delayed** [SJ23]. **Delivery** [CAP⁺23, XLS15, ZFLS11, ZLL13]. **DeLoSo** [JZL⁺25]. **Demand** [AAA15, PBF⁺22, SKS⁺18, WQC⁺16]. **Demand-Based** [WQC⁺16]. **Demand-Driven** [PBF⁺22, SKS⁺18]. **demonstrable** [JW08, LP07]. **Dense** [BYT22]. **Density** [RM23b, FLWC07, OWH08, ZYP09]. **dependence** [DH06]. **Dependencies** [BR12, CWZ⁺25]. **dependent** [BLM00]. **Deploying** [QLX⁺25]. **Deployment** [SPZ⁺24]. **depth** [CH00, LH09, ZCG06]. **depth-optimal** [CH00]. **depth-size** [LH09]. **Depthwise** [LLL⁺25a]. **derive** [GS00]. **derived** [CACS05, Zho08]. **Descent** [PPC⁺25a]. **Describing** [RHA08]. **description** [MSD06, PHM00, SSG12]. **descriptions** [Fuj05, MWG97]. **Design** [ADB⁺19, ABC⁺17, AFM14, BJX15, BSZ⁺24, BH22, BS14a, BZWZ17, BS14c, BSP⁺23, BHLG19, CK19, CD09, CH10a, CH10b, CPX14, CHC⁺16, CYZL23, CSC⁺21, CRC15, CGLH23, CO18, CBT⁺25, CGK25, DZS⁺18, DK22, DNT20, DPSY25, DHB16, EAP17, FZL⁺23, FHL⁺23, FLG⁺23, FXH⁺25, FMR23, FCZ⁺23, GACK22, GdRJM21, GCZ⁺15, GHYR19, HCRK11,

HXB⁺22, HMMG⁺20, HLG⁺15, HHH⁺21, HTC⁺25, HKJ⁺23, ISK21, JCPL23, JDLZ24, JWL⁺03, JBS24, JS25, JLK15, KKLP15, KGS⁺20, KO23, KP22, KLSZ09, KLSZ11, KLV15, KKS16, KAC⁺23, KSD⁺22, LLP⁺16, LW17, LJJ⁺22, LCP⁺25, LF12, LHK⁺15, LZZSV15, LFJ25, LQD22, LLQD23, LTC25, LPL⁺21, MED23, MYSZ23, NWA⁺24, OT15, OHA19, PSD21, PLH⁺24, PZC⁺25, PMT20, PKC⁺21, PDS12, PBH⁺24, Pom14a, Pom16a, Pom18a, Pom25b, PS23, RFG20, RS18, SSK⁺23, SMBT19, Sch17, SBY⁺20, Shi20, SDP⁺09, SGR14, SHBD21, SYGC22, SHN12]. **Design** [SESN15, SYX12, STGR15, SCL⁺22, SCY25, TYSF20, TCW⁺25, TCL14, VGG19, VILSL23, VA17a, VEO16, WWCT18, WPR⁺19, WS22, WDC⁺22, WSS⁺18, WPL23, WLY⁺24, XPX⁺21, XLS15, XNZ⁺15, XZW⁺25, YPCF17, YZS⁺25, YD16, ZLG⁺19, ZGB⁺23, ZYS12, ZHL⁺25, ZZL⁺23, ACT13, AHL⁺08, APB⁺08, AMM⁺06, ADP⁺07, BC05, BW00, BFP08, BASB01, CWW96, CZW⁺25, CIB01, CSL⁺07, CBR⁺22, DRG98, DTC⁺09, EK97, FLWW02, FLWC07, FW00, FRS97, GPH⁺09, GM03, GABP00, HV07, HA05, HJ08, HLCH07, JB98, JP08, KSS⁺09, KG99, KCA04, LC13, LSL⁺13, LLL⁺25a, LFG⁺09, LCL08, MOZ06, MBB01, MP07, MLG12, OCRS07, PB14, Ped96, Ped06, PBSV⁺06, PW99, RFYL98, RS98, SW12, SGD10, SYL09, STG⁺25, SSCS10, SUC01, SS11, SZV⁺12, TW96, THL⁺13, VAAH⁺98, Voe01, WAZ98, WKR09, ZHM07, ZHC⁺23]. **Design-for-manufacturability** [WPR⁺19]. **Design-for-Testability** [Pom16a, Pom18a, Pom25b, Pom14a]. **design-specific** [ACT13]. **Designed** [KMO⁺12, SPT⁺17, MMX⁺25]. **Designer** [SS11]. **Designing** [BLNK14, DZS⁺18, HBC⁺08]. **Designs** [EK16, FM24, GD20, HLL⁺24, LZY⁺23, LLL⁺25c, LTZ22, MACV14, PHKW12, WJM24, WWW⁺12, WCX⁺24, YVC14, Yan16, Yan17, ZK15, CH00, GM08, GOC02, HMB98, KI01, KK11, KHW06, LHW97, LCHT02, LLHT12, LAS01, LCKT12, MS00, MR96, RMKP03, Sen11, SSCS10, SNL12, WTL⁺13, Yan11, ZMTC13]. **Destination** [RL13]. **Destination-based** [RL13]. **Detailed** [CJKS24, FM24, GdRJM21, HWL⁺23a, MJB19, CBHK11, PWY05]. **Detecting** [DY23, DZ24, JZL⁺25]. **Detection** [BRF24, CBO⁺18, GRC25, HDZ⁺20, JYY⁺22, JSF⁺25, KOO18, LZ24b, LXWC20, LYM⁺20, LL19, LM21, PTPB22, Pom16b, Pom17a, VTC20, WH20, YFT17, ZHC⁺18, ZS25, ZZM⁺25, CR12, DHZ⁺11, FNP09, KI01, KRK98, KSA⁺10, LM05, PR07, RM09, SCCH08, TDE08]. **Detector** [WYZ⁺25]. **Determined** [Pom18a]. **Deterministic** [EY12, KBV⁺15, LB11, ZHC⁺21, KT01]. **Deterministic-Path** [ZHC⁺21]. **detour** [YW09]. **Detours** [Yan19]. **Developing** [LLZ⁺25, SMSB05]. **Development** [LXC⁺25b, THT12]. **developments** [Lin97]. **Device** [BXG⁺24, GHYR19, HXZ⁺23, ZXC⁺23, ZZW⁺25, TZZH22]. **Device-Based** [GHYR19]. **Devices** [CLL⁺22, GAT⁺21, HSP⁺22, HBB25, KP22, Kha12, LPLK22, LKH19, LY24, PGGD23, PGD24, PTPB22, QLX⁺25, SVK17, XPX⁺21, YB23, JCS⁺08, ZYZ⁺13]. **DFT** [DDFR13, PTC⁺15]. **Diagnosability** [CLH12, CCH15b, CH13, HWL⁺23b, LH14]. **Diagnosing** [BDBB19]. **Diagnosis** [HFMB20, Pom17b, PA21, SBB⁺18, WH19, WH20, XGWL24, CML98, KI01, TYH08, WBXJ25]. **Diagnostic** [HVF⁺01, HFMB20, Pom25a]. **diagonal** [DSKB04]. **Diagram** [HZL⁺22]. **Diagrams** [CM19, KC98]. **dictionaries** [LCT03]. **dictionary** [HH09]. **Diet** [LS23]. **difference** [Das09]. **Differentiable** [UMS25, Con06]. **Differential** [DMR23, DMR24, DXM⁺25, HZJC23, JD18, LLP⁺16, DDFR13]. **differentiated** [WHXZ13]. **Digital**

[CM18, DZCD15, GLD⁺22, JYHY21, LHC16, LWLH24, LCZ⁺24, LKC⁺18, MFHP12, MGR⁺15, MWK21, PGCB16, PBF⁺22, RTJE25, RB19, RCK⁺15, RB21, SKS⁺18, SOS15, VBP⁺19, CPW04, RS03, SR12, SOC06]. **Digitally** [ZK15]. **Dilution** [GHYR19, KGS⁺20]. **Dimension** [BC11, WPL23]. **Dimension-reducible** [BC11]. **Dimensional** [DCS⁺24, RGM15, SYH⁺22, KQP⁺19, Pom24b, WXH⁺19, YYC07, YYC09, ZJH⁺25]. **Directed** [CHK⁺23, IE12, LFJ25, QM12, WLM21, CM13, HLC07, HG07, LKTD98, MD08]. **Direction** [Yan18]. **Direction-Constrained** [Yan18]. **Directives** [SCL⁺22, YZS⁺25]. **discharging** [HLCH07]. **Discovering** [NGL⁺21]. **Discrete** [CHK⁺23, HLG⁺15, LGGJ14, MLG12, PPC⁺25a, SV16]. **Disjunctive** [WYIG07]. **disk** [CD09, SLXZ12]. **Dispatching** [WHRC12]. **Displacement** [BFG⁺19]. **Dissipative** [ZMS⁺19]. **Distance** [HRK18, LKLC22, LDLM20, NAK20]. **Distance-aware** [LKLC22]. **Distance-based** [NAK20]. **distinguishability** [AGM01]. **Distributed** [APG24, CGLH23, EAP17, HXC⁺18, JJH21, MVK⁺18, SCK18, SRKS23, WLZ⁺19, YMB15, CFX09, LC14, PEPP06, Wol96, dW97]. **Distribution** [JCK⁺18, SSO16, WDD⁺23, KSA⁺10, SW99]. **Distribution-Aware** [WDD⁺23]. **Distributions** [KYL16, STJG16]. **Disturb** [LHS⁺21, SP24]. **Disturbance** [SBB⁺18]. **Disturbance-Free** [SBB⁺18]. **Diversity** [DZ24, JZL⁺25, XGL⁺25]. **Divide** [LDYW25, SW12, HPK99]. **Divide-and-Conquer** [LDYW25, HPK99]. **Divided** [TMDF10]. **Divider** [WDW⁺25, EKEK22]. **Division** [PY20, LWG⁺23]. **DME** [wATkK02]. **DNN** [CSO22, GYZ⁺22, HWDQ22, HTC⁺25]. **DNNs** [GRS25, JS25]. **DNUCA** [DK16].

Domain

[CGS⁺24, ZGB⁺24, ZZM⁺25, FWCL05, IAI⁺09, JBC⁺10, LTPR⁺13, SCV06]. **Domain-Crossing** [ZZM⁺25]. **domain-specific** [SCV06]. **Domains** [MNT⁺25, WWW⁺12, LBV⁺06]. **dominant** [VCLD03]. **dominated** [FRS97, KI01, LDLM20, MWG97]. **domino** [KJKK03, ZS02, CLLK06, NTSA18]. **Don't** [DY23, TPC⁺17, CBMM10, SGK08]. **don't-cares** [CBMM10, SGK08]. **Dot** [RBWB20, RB21]. **Double** [HWDQ22, HNS23, PMA24, SHL⁺19, XYG⁺16]. **Double-row** [HNS23]. **Double-Shift** [HWDQ22]. **DPRTM** [ADDM⁺13]. **DRAGON** [HLW⁺23]. **DRAM** [BLNK14, CJKK19, LYLW17, LMA⁺16, PKJK20, PSP24, SSS⁺19, SAL19, ZCY17]. **DRAM/PCM** [BLNK14, LYLW17]. **DRAMs** [LS19]. **DRC** [LLL⁺24, LLL⁺25c, ZZL⁺23]. **DRC-SG** [ZZL⁺23]. **DRDU** [IBMD07]. **DReAM** [LMA⁺16]. **Drive** [CCS15, VA17b]. **Driven** [AMM⁺18, CYV⁺14, DKT⁺16, DZCD15, EAP17, GDD21, HWGY16, HWCL15, LVS16, LHJ12, LCL⁺24, LTC25, LNG⁺16, PBF⁺22, SKS⁺18, Yan16, YP10, ZFLS11, ZSY18, BCC⁺25, CSAHR07, CZW00, CXS⁺23, DRG98, EK97, GK14, HC23, HW00, JPCJ06, KMS12, Kuc03, KSA⁺10, LLM⁺23, LOC12, LL19, MPSJ07, MD08, MRMP08, NM23, PBH⁺24, WY06, WLC02, XK97, Yan08, ZSZ10, MSD06]. **drives** [CCYC14]. **Driving** [LCZ⁺25, dONH23]. **DRL** [PGD24]. **Droplet** [LKC⁺18, RBWB20]. **DSA** [YLZ⁺17]. **DSE** [XZW⁺25]. **DSP** [AFM14, CL99a, LP03, SXX⁺06, SESN15]. **DSPs** [AM98]. **DTGx2** [Pom25a]. **Dual** [BLNK14, BPTB17, HS18, KKS16, Pom25a, TC24, WLW⁺24b, CT13, HLHT08, MLMM08, SM00, WGDK07, WYC10]. **Dual-Edge** [BPTB17]. **Dual-Edge-Triggered** [HS18].

Dual-Mode [KKS16]. **Dual-Phase** [BLNK14]. **dual-scanline** [CT13]. **dual-Vdd** [HLHT08]. **Duplication** [RDJ25, CC06, WY06]. **During** [MGC24, TPC⁺17, EW18b, GSN25, HR06, MRC06, PTC⁺15, RGM09, SRP25, XPSE12, YWK⁺03, YWW10, ZMTC13]. **Duty** [BHY⁺24, JSG09]. **Duty-Cycle** [BHY⁺24]. **duty-cycled** [JSG09]. **DVFS** [CXK⁺13, SWT24, SQL⁺24]. **DVFS-Aware** [SWT24]. **DVFS-induced** [SQL⁺24]. **Dynamic** [ADDM⁺13, BMJ13, BLUS19, BHS11, Brz24, CHG⁺24, CLX⁺23, DCS⁺24, HKL⁺15, HRP00, HLX⁺23, HLW⁺23, IAI⁺09, LDP⁺22, LHW⁺17, LCZ⁺24, LV14, MMR⁺25, MNMK⁺21, MDR15, NDA⁺23, ORGD⁺15, PSP24, PBL⁺17, RNA⁺21, SWM24, SKP21, SV11, SCY25, WMT⁺16, WML⁺24, WGS16, WZL⁺21, WZL⁺25, XPX⁺21, ZGB⁺24, AHAKP08, ADM⁺13, AMM⁺06, BLR06, CMNQ08, GK14, GPH⁺09, KJT04, KSA⁺10, LTPT10, LLHT12, MR05, VJBC07, KMR18]. **Dynamical** [CS22]. **Dynamically** [CRC15, DHX⁺23, DHW⁺23, JPHL16, Pom18a, RNR⁺21, ARLJH06, WLC02, YYLL09]. **dynamics** [WHXZ13]. **DYNASCORE** [KMR18].

E-Beam [LZ17]. **E/E** [dONH23]. **E2HRL** [SKR⁺22]. **Early** [KO23, LLL⁺25c, LTZ22, PBL⁺17, SZB17, MKBS05, SYL09]. **Early-Release** [SZB17]. **Easy** [GT25, VS12a]. **EasyMRC** [XHY⁺25]. **EBL** [YYG⁺16]. **ECC** [KRH18]. **ECDSA** [DHB16]. **ECG** [APB⁺08]. **echo** [FIR⁺97]. **ECO** [DVA02, LG12, LNPL23]. **ECO-GNN** [LNPL23]. **ECR** [LTYW12]. **EDA** [BTT⁺25, HPW⁺25, JHMGS18, LZR23, PPC⁺25a, XHW⁺25]. **EDA-Copilot** [XHW⁺25]. **EDF** [GDG⁺08, SZB17, WDZG16]. **Edge** [BPTB17, HS18, JS25, KP22, LQL⁺24, LY24, MS23, PGGD23, PGD24, QLX⁺25, WCB⁺24, XHY⁺25, YXG⁺24, RS98]. **Edge-aware** [YXG⁺24]. **Edge-Based** [JS25, RS98]. **Editor** [Ano13, Hu20, MYSZ23]. **Editor-in-Chief** [Ano13, Hu20]. **Editorial** [CH10b, CPX14, Dut05, Dut06, Dut07, Dut08c, Dut08a, Dut08b, Hu20, Irw00, MD13, Ped08, TK18, SJ02, Mar00]. **EF** [TZZH22]. **EF-Train** [TZZH22]. **Effect** [LHW⁺17, NSS⁺16, WCCC14, WSH⁺18, WSRH16, LTH99]. **Effective** [GRS25, DS06, JPHL16, LCJ⁺10, LTW⁺16, LCL08, NAK20, PCT⁺17, XLY⁺18, YVC14, YLZ⁺17, YLY⁺23, LPP00, LSPC14, MHT14, SBC08, WSV⁺14, XLCL13]. **Effectiveness** [DFC⁺25, WAZ98]. **Effects** [GRS25, BDB98, BFL10, GC18, JIR⁺21, VFML23, MRB⁺11, RJBS09]. **Efficiency** [HSP⁺22, HLL⁺25, KKL15, LWC18, RB19, TCL14, WH19, WDW⁺25, WCX⁺24, KJT04, ZAZ13]. **Efficient** [AKAKP18, BS14a, BHDS09, BW00, CK19, CCY22, CGH⁺25, CAOM19, CBC22, CW25, CYV⁺14, CSO22, CLC⁺24, DMR10, EO19, FHL⁺23, FXH⁺25, GADG19, GT21, GFJ16, HLZ⁺22, HSR⁺24, HMB98, HAB⁺17, HKB⁺07, HCS01, HMMG⁺20, HG07, HWX⁺14, JSS⁺19, JYY⁺22, JLK15, KBN09, KC10, KLIK24, KW02, LHLP16, LJ18, LDD⁺18, LCJ⁺22, LHZ⁺06, LWZ⁺19, LAYZ23, LZ21, LF12, LLL⁺24, LLL⁺25c, LHCT05, LZD⁺24, LM96, LB11, MWS⁺20, MNMK⁺21, MWK21, NTSA18, PMP17, QZZW24, RBS⁺25, RM09, RGM15, SV16, SMS22, SMBT19, SPC⁺15, SPMS02, SS14, SYGC22, SCK⁺23, SJL23, SRC15, TLCF16, TYSF20, TZZH22, VKT25, VNS19, WKL⁺18, WS22, WLC⁺24, WJY⁺07, WWFT12, XHY⁺25, YPCF17, YCHT00, YP10, ZYW⁺18, ZZW⁺25, ZSL⁺25, ZLYZ25, ZLG⁺19, ZHL⁺25, ZJH⁺25, ZZL⁺23, ARLJH06, BP23, CD09, Das09, EKEK22, FNP09, GM03, GBC07, IBMD07, JS13, JP08, KL05, LCD07]. **efficient**

[LH13, MR96, MR05, MP07, MWG97, SGD10, SLXZ12, SKR⁺22, SHN12, SZV⁺12, VILSL23, VKKR02, Wu09, ZSZ10, ZYZ⁺13, ZMLH24, Zho08, LCG⁺22]. **Efficiently** [RCG⁺08, TY19, ADM⁺13]. **eFPGA** [CBT⁺25]. **Eh** [DKT⁺16, DBK⁺18]. **Elastic** [LYL⁺19, SZB17]. **Electric** [AKM⁺22, VA17b]. **Electrical** [BHLG19, FOM⁺25, WM24]. **Electrode** [RBWB20]. **Electromagnetic** [JIR⁺21, WFSS20, XXC⁺24b]. **Electromigration** [DNT20, HZJC23, ACES25, YCZ⁺25]. **Electron** [HCW⁺16]. **Electronic** [CH10a, DPSY25, HHH⁺21, KLSZ09, Kha23, KAC⁺23, PZC⁺25, SSK⁺23, HV07]. **Electronics** [BSP⁺19, CPX14, XRS⁺19, CH10a]. **Electrostatic** [LDD⁺19]. **Electrostatics** [LCC⁺15]. **Electrostatics-Based** [LCC⁺15]. **Element** [CLT⁺15, ZK15]. **elements** [HMGV13]. **Elephant** [JM24]. **eliminate** [Mut09]. **Eliminating** [SHLL98]. **Elimination** [LHF12]. **Elite** [ZKS⁺16]. **Embedded** [BMdG17, BD14, BJZ24, BS14c, BM11, BYT22, CHA⁺23, CWZ⁺25, DFM15, EAP17, GAT⁺21, HCL⁺14, IK19, IGN18, JJH21, KC10, LS23, LL15, LHL16, LHK⁺15, LL19, LXC⁺25b, MMR⁺25, NSH⁺16, OHA19, PG15, RFG20, SPT⁺17, SL18, SJN24, SLV⁺22, VBP⁺19, WHRC12, XPZ⁺18, XPX⁺21, YP10, AM10, BPRR98, BH10, CSAHR07, CMM00, CSL⁺07, CM13, DCK07, DCK09, DRG98, GDTG07, GPH⁺09, GG04, GABP00, HKL⁺07, HV07, HCK13, IAI⁺09, JS13, KNDK96, LJV02, LCZ⁺08, LSDV10, LB00, LMW99, LDK99, MBB01, MDG98, ML09, NG06, NR03, PDN97, PDN00, PCD⁺01, PHM00, PEPP06, QS09, RSR01, SR12, SUC01, TKVN07, WAZ98, Wol96, XZC09, ZYDP08, ZP08]. **Embedding** [CM18, ZGB⁺23]. **Embeddings** [CM19]. **Emerging** [BRCS18, SN10, YPCF17, BC08]. **Empirical** [QLX⁺25]. **Employing** [GS13, ZK15]. **Empowering** [GRC25]. **emulated** [THC⁺14]. **Emulation** [ALLE20, LTZ22, ADP⁺07, HMGV13, KRK98, MW97]. **En/Decoder** [SJL23]. **Enable** [CLL⁺22, TZZH22]. **Enabled** [AVA24, CXR⁺23, XRS⁺19, YSF⁺18, GLM⁺25, LDD⁺19, LSL⁺13, OJC⁺24, SLC⁺22, YFT18]. **Enabling** [BSP⁺22, IK19, JS13, SYGC22, ZHOM08]. **Encoder** [CAP⁺23, QSW⁺15, SLV⁺22]. **Encoder-Decoder** [CAP⁺23]. **Encoding** [CGV⁺23, KLIK24, MDR15, NK24, OT15, PMP17, YMB15, ZLG⁺19, KJT04, LCD07, LWC07, NT05, RTNL05, YGZ04]. **Encryption** [Che18, GT25]. **End** [ENP20, SDD⁺25, SJL23, GABP00]. **End-to-End** [SDD⁺25, SJL23, ENP20]. **Ended** [RM23b]. **Endurance** [BDR⁺24, CHC⁺16, CCK⁺18, HHK⁺17]. **Energy** [BP23, BFL10, CCY22, CBC22, CSO22, DMR10, EKEK22, ENP20, GADG19, GT21, GFJ16, HXB⁺22, HXC⁺18, HSP⁺22, JDD20, JSS⁺19, JPHL16, KC10, LDD⁺18, LWX⁺23, LF12, LWC18, LMA⁺16, MNMK⁺21, MBD⁺20, MR05, NTSA18, NRM⁺24, PMP17, RB19, SMS22, SPC⁺15, SCKK25, SKR⁺22, TLCF16, TYSF20, TBCH17, VILSL23, VKT25, WH05, WKL⁺18, WDW⁺25, WCX⁺24, XPZ⁺18, XPX⁺21, YB23, YPCF17, YP10, ZMLH24, ZHTC09, ZMS⁺19, ANR13, CSAHR07, CLQ12, GBC07, HG07, HW00, JS13, JCS⁺08, KSK⁺05, KRS06, Kan06, KC13, KJR⁺07, LSL⁺13, LC07, MED23, MRC06, OK08, SLXZ12, SHN12, WLL⁺11, Wu09, ZAZ13]. **Energy-** [LWX⁺23, YP10]. **Energy-Aware** [HXB⁺22, TBCH17, ENP20, JDD20, MBD⁺20, WH05, JCS⁺08]. **Energy-Constrained** [NRM⁺24, XPX⁺21]. **Energy-Efficient** [CCY22, CBC22, DMR10, GT21, GFJ16, JSS⁺19, KC10, LDD⁺18, LF12, MNMK⁺21,

NTSA18, PMP17, SPC⁺15, TLCF16, TYSF20, VKT25, WKL⁺18, YPCF17, BP23, EKEK22, MR05, SKR⁺22, VILSL23, ZMLH24, SLXZ12, SHN12, Wu09]. **energy/thermal/cooling** [ANR13]. **Enforcing** [EWT23]. **Engine** [LLL⁺18, LZ24b, TMDF10, CNQ13, DP02, DP04]. **Engineering** [AYS20, CM18, EAP17, GDTF17, WSS⁺18]. **Engines** [GGB⁺24, HKL⁺15, VFML23]. **Enhance** [DLC⁺17, GS13]. **Enhanced** [BRF24, CHL⁺25, CYH19, CGV⁺23, DZK⁺24, LWLH24, LCZ⁺25, LKH19, Pom15a, PS23, TWL16, FWCL05]. **Enhancement** [CYLC24, HWL⁺23a, HWCL13, LCKT12]. **Enhancements** [Che18, PKC⁺21, ZAZ13]. **Enhancer** [GGB⁺24]. **Enhancing** [CCK⁺18, DFC⁺25, GT25, GPS⁺24, HLL⁺25, NRDB19, PPP⁺15, SJN24]. **Enlarged** [ZS16]. **Ensemble** [WB16, WH19, WLH20]. **Ensure** [SLC⁺22]. **Enterprise** [DKZ⁺15]. **entries** [LCT03]. **enumerative** [STJG16]. **Environment** [RHN00, HKL⁺07, Hsi01, SCV06]. **Environmental** [GPS⁺24]. **Environmentally** [YBS⁺18]. **Environments** [DYP⁺25]. **EPGAs** [YTHC97]. **EPHA** [ZMLH24]. **EPIC** [AMR00]. **ePlace** [LCC⁺15]. **Equal** [Pom21b]. **Equation** [Shi20, WTW⁺23]. **Equations** [HZJC23, XXC⁺24b]. **Equations-constrained** [XXC⁺24b]. **Equipment** [GCL⁺16]. **Equivalence** [AA17, Fuj05, AGM01, HMB98, HCC01, KMS12]. **Equivalent** [Pom21b, MCMW08]. **Era** [HAB⁺17]. **ERfair** [NSH⁺16]. **Error** [CS22, DHZL23, GRC25, HWL⁺23a, LTYW12, LD17, LWC18, LW21, PB12, PHKW12, PGCB16, SMS22, TLCF16, WH20, KI01, KSA⁺10, RM09, SCCH08, TC24, VAAH⁺98, WHXZ13]. **Error-Correcting** [PGCB16]. **Errors** [DFM15, TTL⁺24, RJBS09]. **Escape** [DXM⁺25, GDTY24, JD18, Yan17, Yan18]. **ESD** [PLH⁺24]. **ESL** [KSS⁺09]. **ESPSim** [LAYZ23]. **Establishing** [GSFT16]. **establishment** [AJM13]. **Estimate** [LMA⁺16]. **Estimates** [CM19, GS00]. **Estimating** [Meh98, SPZ⁺24]. **Estimation** [APDC17, AVA24, APS18, BZWZ17, Kha23, LD17, LZY⁺23, NSP⁺20, PB12, SNH02, SSN22, TC98, WXH⁺19, ZLG⁺19, ZPLI23, CIB01, DTC⁺09, FLPP09, HKV⁺07, JT98, KCA04, KNRK06, LMW99, MHF96, ZSZ10]. **estimators** [XK97]. **Ethernet** [MAS⁺20]. **evaluating** [JBC⁺10]. **Evaluation** [GRS25, BBEM15, EBR⁺09, GD20, GQW19, HBPW14, IYF⁺21, LZ24a, LFST21, LTZ22, QBTM16, RGX⁺24, CHY05, JLF⁺12, LCOM07, PB14, SGJ96, WSV⁺14]. **Event** [KRL15, MCD12, PMA24, RCD07, YH97, ZKS⁺16, CBR⁺05, HW00]. **event-based** [CBR⁺05]. **event-driven** [HW00]. **Evolution** [PSK08]. **Evolutionary** [EWT23, JYHY21, WSY23]. **Evolvable** [SS24]. **EWD** [MPSJ07]. **Exact** [EAAK⁺23, EKS⁺14, PZY⁺25, Sch17, FLWC07, FNMS01, NR01]. **Examples** [DZ24]. **Excitation** [SOS15]. **exclusive** [DK08]. **executing** [GRS25]. **Execution** [APDC17, GDD21, HLZ⁺22, LSCK20, NRDB19, VGG19]. **EXFI** [BPRR98]. **Exhaustive** [Pom25c, CMB07]. **Expansion** [MS17]. **Experience** [YXG⁺24]. **experiment** [FIR⁺97]. **Experimental** [Das04, AYM05]. **Experiments** [LHK⁺15, BCC08, CIB01]. **Experts** [TEK18]. **Explainable** [JSF⁺25, LXC⁺25a]. **Explaining** [YYL⁺15]. **explicit** [EK97]. **exploitation** [GFC⁺09]. **Exploiting** [FZH⁺25, GSD⁺18, JLK15, MMX⁺25, OT15, WKC12, WHXZ13, DSRV02, FW00, Kan06]. **Exploration** [BSZ⁺24, FLG⁺23, FMR23, FCZ⁺23, GACK22, GLM⁺25, HMMG⁺20, HTC⁺25, JBS24, LLLL18, LTC25, MA16, RFG20, RS18, Sch17, UMS25, WS22, XZW⁺25,

APB⁺08, CSL⁺07, EK97, JP08, KSS⁺09, LCOM07, MBB01, MSD06, PB14, PPD09, RJL⁺09, SW12, SUC01, VCLD03, XPSE12]. **Explorer** [TCW⁺25, BSZ⁺24]. **Exploring** [CK19, LZA25, QZZW24, TLCF16, WGD07, YPCF17]. **Exponential** [APS18]. **Express** [JSA18]. **expressions** [SGJ96]. **Extended** [WWFT12, CK96, YTHC97]. **Extensibility** [SGC⁺14]. **Extensible** [KAKSP16, MP07]. **Extension** [LF12, YCL⁺23]. **extensions** [WKR09]. **extensive** [CBMM10]. **External** [KG09, CBMM10, XZC09]. **Extra** [CVMP19, KAKSP16]. **Extra-Functional** [CVMP19]. **Extracting** [Pom24b]. **Extraction** [BHBS22, HDZ⁺20, WHF⁺25, YLY⁺23, ZZL⁺23]. **Extreme** [HKJ⁺23, Pom15b].

F2FS [CSS⁺24]. **Fabric** [CBT⁺25, MSB⁺09]. **fabrication** [WLT08]. **factorization** [BOC00]. **Factory** [DZCD15]. **FACTS** [VMP⁺00]. **Fail** [PAV17, PA21, BWB14]. **Failure** [XNZ⁺15]. **Failures** [YYL⁺15]. **False** [AKAKP18, AL19, GGBZ02, SHLL98]. **False-noise** [GGBZ02]. **family** [BD05]. **fan** [LH09]. **fan-out** [LH09]. **Fast** [ATF⁺23, CPW04, DK16, DNT20, GdRJM21, GLY⁺12, HNS23, HGLC16, IHM15, JZY15, KKL15, LZY⁺23, LH11, SMBT19, SGD10, STWX12, Tes02, TZ17, WBXJ25, YCZ⁺25, ZZF⁺25, ZHJ⁺23, CCW08, GMN⁺13, GBC07, JHL02, KT96, LC14, LCKT12, NR01, SBGD13, SGJ96, YTHC97, HHX⁺23, LCC⁺15, OS03, QSK12]. **FastCFI** [FHHR21]. **Faster** [SSN22]. **fastest** [Das04]. **Fault** [GRS25, BRF24, CGH⁺25, CYH19, CGV⁺23, EKS⁺14, GT21, GRC25, GJV15, HDB22, HL25, HWL⁺23b, IYF⁺21, JIR⁺21, JM24, JPM⁺19, KR24, LW17, LW21, LXWC20, LTZ22, NGL⁺21, Pom22, Pom25b, RRHB21, SQL⁺24, XCF18, Xia24, XGWL24, YYL⁺15, ZZF⁺25, BPRR98, BH03, CEB06, DNA⁺12, HH09, JLF⁺12, LTH99, LLQ⁺03, SC06, TCP97, TD03]. **Fault-Aware** [GVJ15]. **Fault-based** [IYF⁺21]. **Fault-Induced** [RRHB21]. **Fault-Tolerant** [CYH19, GT21, LW17, XCF18, ZZF⁺25, NGL⁺21, SC06]. **FaultDroid** [RRHB21]. **Faults** [GRS25, BDBB19, HDB22, JZL⁺25, MCD12, Pom17b, Pom19b, Pom20, Pom21b, Pom25c, ZHC⁺21, HVF⁺01, LTH99, LIA00, MT02, PT06, PR98, PR09, TYH08, XZC09]. **Faulty** [JCK⁺18, JPM⁺19]. **FBGA** [WPL23]. **Feature** [HDZ⁺20, HA25, VTC20]. **Features** [LL19]. **featuring** [EK97]. **Federated** [ZHC⁺23]. **Feed** [Ase23, LHS20]. **Feed-Forward** [Ase23, LHS20]. **Feedback** [BTT⁺25, LWK11]. **FeFET** [LSZ⁺24]. **FeFET-Based** [LSZ⁺24]. **fender** [LZ24b]. **FET** [AKM⁺22]. **fetches** [KTKO13]. **FFT** [HDZ⁺20, TMD10]. **FFT-based** [HDZ⁺20]. **FH** [HGLC16]. **FH-OAOS** [HGLC16]. **Fidelity** [WFSS20, SCL⁺22]. **Field** [ENH⁺25, JDLZ24, WSH⁺18, CH02, CD96, PWY05, WV02]. **field-programmable** [CH02, PWY05]. **FIFO** [BK00, ZLL⁺16]. **File** [TLCF16, CFX09, GF10, ZYP09]. **Files** [WKL⁺18]. **Fill** [LTW⁺16, LIA00]. **Filling** [TPC⁺17]. **Filter** [BH22, EO19, MED23, PCT⁺17, FS13, TKVN07]. **filtering** [CL13, ZYDP08]. **Filters** [RB19]. **finding** [KL05, AAKT⁺25]. **Fine** [BYT22, LG18, LZ24b, LPY⁺20, RCW22]. **Fine-Grain** [LG18]. **Fine-Grained** [BYT22, RCW22, LZ24b, LPY⁺20]. **FinFET** [PS23, WLLH16]. **Finite** [CLT⁺15, SRC15, CK96, CHHL96, GK07, GK09]. **Finite-Element-Based** [CLT⁺15]. **Finite-Point** [SRC15]. **Firmware** [KC10, RGT⁺14]. **first** [MR96]. **first-time-right** [MR96]. **Fixed** [ALL17, WDZG16, YCL⁺23, ZHJ⁺23, AM98, CPW04, LCT03, MHQ07].

fixed-length [LCT03]. **Fixed-Point** [ALL17, YCL⁺23, AM98, CPW04]. **Fixed-Priority** [WDZG16, MHQ07]. **Fixing** [LSZ⁺21]. **FixRTL** [HA25]. **FLAG** [AAKT⁺25]. **Flash** [CCK⁺18, CWL⁺22, DHZL23, HCL⁺14, KC10, MWS⁺20, PPP⁺15, TTL⁺24, WQC⁺16, WL12, WZL⁺21, ZLW⁺15, HCK13, JCS⁺08, Wu09]. **Flash-Based** [HCL⁺14, KC10]. **flash-memory** [Wu09]. **Flattened** [ZYPC17]. **Fleet** [DYP⁺25]. **flexibility** [JDLZ24]. **Flexible** [BHK17, FMR23, IGN18, LKC⁺18, RS18, VKT25, CL99b, MS00]. **FlexRay** [SGC⁺14]. **Flip** [HS18, HKJ⁺23, Kha23, KMO⁺12, LW21, VILSL23, XCW12, Yan16, KOS09, KSA⁺10, LLLC13, Yan11, ZMTC13, WCB⁺24]. **Flip-Chip** [Yan16, Yan11, ZMTC13]. **Flip-Flop** [Kha23, KMO⁺12, LW21, XCW12, HKJ⁺23, VILSL23, LLLC13]. **Flip-Flops** [HS18, KOS09, KSA⁺10]. **Floating** [BS14a, BSP⁺23, WDW⁺25, SKCM06, WG11]. **Floating-Point** [WDW⁺25, BSP⁺23, WG11]. **Floorplan** [KQP⁺19, YVC14, YCCG03, HCS01, LCL08, MRMP08, SY07]. **Floorplan-Guided** [YVC14]. **Floorplanning** [DHX⁺23, DHW⁺23, HCRK11, HCZ⁺16, KLE18, LJL⁺23, YXG⁺24, HMLL11, LHZ⁺06, LCC11, LLM01, SYZ08, WLCJ09, YYC07, YYC09]. **floorplanning-based** [LCC11]. **floorplans** [DSK01, MSKBD07, MS00, WYC10]. **Flop** [Kha23, KMO⁺12, LW21, XCW12, HKJ⁺23, LLLC13, VILSL23]. **Flops** [HS18, KOS09, KSA⁺10]. **Flow** [CHG⁺24, CBT⁺25, FM24, FHHR21, HMO⁺14, IGN18, KGS⁺20, KW16, LJJ⁺22, MJB19, NPH⁺20, NM23, PKC⁺21, PDS12, QSW⁺15, RJ14, WZL⁺25, XPX⁺21, ZGB⁺23, BFP08, DTC⁺09, FHHH22, GDF09, KMS12, LC13, OM08, WC06]. **Flow-Based** [KGS⁺20]. **Flows** [DZK⁺24, JLJ15, VGG19]. **Fluid** [CHG⁺24, GHYR19, KR23]. **Fluids** [KGS⁺20, RCK⁺15]. **Flux** [LSZ⁺21]. **Fly** [VFML23]. **FOLD** [Pom15b]. **Folded** [AFM14, HS18]. **Folding** [Pom15b, BHS11, TS96]. **footprint** [AMM⁺06]. **Forced** [RSR01]. **Forecasting** [LG23]. **form** [CW01, PR09, Shi20]. **Formal** [Ali12, BGM04, EW18a, GGB⁺24, HLL⁺24, KMS12, KG99, SSS⁺19, SGGR14, VS12a, ADS⁺09, CMM00, MR96, RFYL98, SMSB05, VS12b, Zho08]. **Formally** [APPJD25, KRH18]. **formats** [AMR00]. **Forming** [PR07]. **FortiFix** [KR24]. **FORTIS** [GSFT16]. **Forward** [Ase23, GSFT16, GS00, LHS20]. **Forwarding** [ZZF⁺25]. **Foundation** [TB20]. **Four** [HGLC16]. **Four-Step** [HGLC16]. **Fourier** [LCC⁺15]. **FPGA** [WMF⁺25, AMM⁺18, ACT13, ALLE20, APSMMD25, BS14c, BHS11, CWW96, CZW⁺03, CH00, CLC⁺24, DP02, EW18b, FW00, FHHR21, GPK⁺09, GVJ15, HSR⁺24, HABS15, HYK⁺20, HLHT08, HW14, JLF⁺12, KT96, KL05, KFH⁺08, LKM04, LLL⁺18, LM19, LLL⁺25b, LWG⁺23, LXC⁺25a, LLZ⁺25, LZA⁺21, LDX22, MMM⁺22, MW97, MA16, MP07, MS21, OK20, PSD21, PL98, PMT20, PBH⁺24, PSNC18, PFHAH22, PY20, SLV⁺22, SYGC22, SAHF⁺20, TZZH22, TW96, XXC⁺24a, XGL⁺25, ZLQ15, ZHTC09]. **FPGA-based** [MW97, ALLE20, PSNC18, APSMMD25, DP02, GPK⁺09]. **FPGA/FPIC** [CZW⁺03]. **FPGAPRO** [LDX22]. **FPGAs** [CZW00, CEB06, CHY05, DVA02, GNGT21, GDG⁺08, KNRK06, LZY⁺23, LQL⁺24, LB11, MCZ⁺16, MLMM08, SPMS02, SCY25, Tes02, VKT02, WG11, WS22, WTW⁺23, WLC02, WSEA99, YGH⁺10, YYLL09]. **FPIC** [CZW⁺03]. **Framework** [APG24, CGH⁺25, CSC⁺21, DK16, DSHD23, EGK⁺24, FMR23, GACK22,

GLM⁺25, GDTF17, HWDQ22, HLZ⁺22, HRC21, HZJC23, HTC⁺23, JJH21, JSS⁺19, JPHL16, KR24, KPB19, LZ24a, LL15, LZY⁺23, LHC24, LDYW25, LIK22, LTZ22, LLQD23, LDX22, MBD⁺20, NPH⁺20, NDA⁺23, QZZW24, RG19, RB21, SKM⁺16, SPZ⁺24, THT12, WLZ⁺19, WWFT12, XPX⁺21, YP10, ZLL⁺16, ZF23, ZFL22, ADP⁺07, CZW⁺25, HR06, HV07, KKJ⁺08, KH10, MPSJ07, MP07, RPKC05, SB98, SBH⁺06, SS11, ZM07]. **Free** [RGM15, SBB⁺18, SP24, ZLYZ25, ZBG⁺23, BLR06]. **frequencies** [PL03]. **Frequency** [GC18, JPHL16, WTR12, WGS16, GM08, JDT⁺08, LTPR⁺13, ML09]. **frequency-** [LTPR⁺13]. **Frequent** [YGZ04]. **FSM** [AGM01, CGV⁺23]. **FSMs** [CK16, EWT23]. **FTT** [NGL⁺21]. **FTT-NAS** [NGL⁺21]. **FUBOCO** [AG22]. **fuel** [LCZ⁺08]. **fuel-cell-battery** [LCZ⁺08]. **Full** [EGK⁺24, STWX12, HDL⁺12]. **Full-Chip** [STWX12]. **Full-Stack** [EGK⁺24]. **fully** [FW00]. **Function** [BHY⁺24, CSC⁺21, LYL⁺23, LLQD23, BCC⁺25]. **Functional** [CVMP19, DCK07, FMR23, FRS97, PR98, Pom15b, Pom15c, Pom16a, Pom16c, Pom18a, Pom18b, Pom19a, Pom21a, Pom24b, VLH98, WSEA99, XLY⁺18, CMB07, CK96, EWT23, LOC12, MT02, Pom13, Pom14b, Vah99, AG22]. **Functionality** [BFV15, MZS24, HLCH07]. **functionality-directed** [HLCH07]. **Functions** [Ase23, ZHL⁺25, BC11, CCQ98, TW96]. **Fundamental** [SBY⁺20, XLNB17, Voe01]. **FUNI** [LIA00]. **Future** [HPW⁺25, HAB⁺17, Kha23, KBV⁺15, ZZCY17]. **FuzzRoute** [RGM15]. **FV** [APPJD25]. **FV-LIDAC** [APPJD25].

Galois [JDLZ24]. **GALS** [SS11]. **GALS-Designer** [SS11]. **game** [HR06, RJL⁺09]. **game-theoretic** [HR06]. **GAN** [LRHL24]. **GAN-Place** [LRHL24].

GANDSE [FLG⁺23]. **Gap** [CGK25]. **Garbage** [GSD⁺18, HCL⁺14, ZLW⁺15]. **Gate** [CM19, CGH⁺25, CDB11, CHF25, Che96, CHK⁺23, HDB22, HMO⁺14, KKS16, LGGJ14, PPC⁺25a, Pom25c, SV16, SRC15, VTC20, CCW08, CH02, CD96, CH00, HH09, LG12, LLYW10, PWY05, RGM09, SC00, WY06]. **Gate-Exhaustive** [Pom25c]. **Gate-Level** [CGH⁺25, CDB11, HMO⁺14, VTC20, CM19, Che96]. **gated** [CM08]. **Gates** [DRK⁺25, WSS⁺18, XHF⁺25, KOS09]. **Gateway** [HXC⁺18, YWF⁺24, JSG09]. **Gating** [CMP10, CLMZ10, KKH16, WKC12, XLS15, BDM⁺99, ETR07, HTCP13, KBN09, SCS10, YHL07]. **Gaussian** [ZYW⁺18]. **GBDD** [YTHC97]. **gem5** [LZ24a]. **gem5-NVDLA** [LZ24a]. **GEMM** [CSO22, WML⁺24]. **General** [CH02, HWF⁺23, LSZ⁺24, wATkK02]. **Generalization** [CGS⁺24]. **Generalized** [GMS⁺23, Pom15c, DS06]. **Generated** [CCH15b]. **Generating** [MFS09, MN17, PKJK20, KT01]. **Generation** [BKW15, BTT⁺25, BFV15, CY24, CYV⁺14, GMS⁺23, IE12, Kha23, LCY12, LCP⁺25, LV14, LCYN18, LZA25, MFHP12, MCD12, NPH⁺20, PCT⁺17, PBL⁺25, Pom17a, Pom17b, Pom18b, Pom24a, Pom25a, Pom25c, SHD17, Shi20, STJG16, SOS15, TAP⁺24, VFML23, WLM21, WWW⁺12, XGL⁺25, YLZ⁺17, YD16, ZZL⁺23, AM98, CZW⁺25, CK96, Che96, CL99a, CCW08, GF06, HRP00, KKMB02, KJR⁺07, KNDK96, KH10, LTH99, LP03, LKTD98, MMP00, MSD06, MD08, PFHAH22, PR98, PR07, Pom13, QM12, SR12, SNL12, SM00, TBZ13, VMP⁺00, dW97]. **Generative** [AAKT⁺25, FLG⁺23, LRHL24]. **generator** [BCR⁺08, WWC04]. **Generic** [SA24b, FLWW02, FLWC07]. **Genetic** [MA16, ZJH⁺25]. **Genetic-Algorithm-Based** [MA16].

Geometric [CM18, HWF⁺23, WJYZ11].
geometry [JCGP05]. **GIFT** [JM24].
Global
 [AOC02, BM11, CJKS24, DHNR23, FZH⁺25,
 GD22, RGM15, WSH⁺18, ZPLI23, CLYP09,
 DHV⁺00, GAS⁺24, SPA⁺03, ZHTC09].
Global/Local [BM11]. **Globally** [PMS15].
Gmax [BP23]. **GMDf** [FIR⁺97]. **Gmin**
 [BP23]. **Gmin-Gmax** [BP23]. **GNN**
 [LNPL23, VILSL23]. **GNN-based**
 [VILSL23]. **Good**
 [GdRJM21, GMN⁺13, YWK⁺03]. **GP**
 [APS18]. **GPGPU** [SBR⁺17]. **GPGPUs**
 [HIW15, TLCF16]. **GPlace3.0** [AMM⁺18].
GPT4.0 [TCW⁺25]. **GPU** [CDB11, CW25,
 CBR⁺22, HCRK11, LLK⁺14, LH11,
 MMR⁺25, NHS23, SSN22, TYSF20].
GPU-Accelerated [CW25]. **GPU-Based**
 [LH11]. **GPUs**
 [GRS25, BYT22, DFC⁺25, SABSA15,
 SQL⁺24, TY19, WKL⁺18, ZWD11].
Gradient [PPC⁺25a, SV16, GBC07].
gradient-based [GBC07]. **grading** [PT06].
Grain [LG18]. **Grained**
 [BYT22, RCW22, KLSP11, LZ24b, LPY⁺20].
Grammar [JHMGS18]. **Granularity**
 [RBWB20]. **Graph** [CHK⁺23, CH17,
 CBR⁺22, CXR⁺23, FCZ⁺23, HRC21,
 HLW⁺23, JHMGS18, JOH17, LB00,
 LLL⁺25c, LJL⁺23, LNPL23, OJC⁺24,
 OKJH22, SSK⁺23, STG⁺25, SS14, XHL⁺25,
 YXG⁺24, ZCK24, ZS25, WYC10, WC06].
Graph-Based [LLL⁺25c, LB00].
Graph-Grammar-Based [JHMGS18].
graphene [YMC⁺13]. **graphical** [BLR06].
GraphPlanner [LJL⁺23]. **Graphs**
 [ASAP17, BFG17b, CM18, CCH15b,
 CHK⁺23, ENP20, HPB11, LH14, CH13,
 DSK01, HKB⁺07, LKTD98, MHF96].
Gravity [OS03]. **Grid**
 [DNT20, GDTY24, HXC⁺18, LAYZ23,
 MN17, SCK18, ZS16, MFS09].
Grid/Staggered [GDTY24]. **gridless**
 [LCC11]. **Grids** [BS14b]. **GRIP**
 [JHMGS18]. **Groebner** [SA24a]. **Ground**
 [HC23, LHJ12, YHH09]. **Grouping**
 [XCW12, KSA⁺10]. **Guarantee** [MN17].
Guaranteed [PMS15]. **Guaranteeing**
 [ZCL⁺25]. **Guest**
 [CH10b, Mar00, SJ02, MYSZ23]. **Guidance**
 [ZKS⁺16]. **Guide** [Pom25c]. **Guided**
 [YVC14, RNR⁺21]. **Guidelines**
 [QLX⁺25, WPR⁺19]. **Guiding**
 [EW18a, LFJ25].
H3D [LY24]. **H3D-Transformer** [LY24].
Half [SP24]. **Half-Select** [SP24].
Hamming [HRK18]. **Handling**
 [DH06, GdRJM21]. **HAPE** [ZZW⁺25].
Hard [CHBK15, CWL⁺22, NRM⁺24,
 WDZG16, PW99, QS09, MZS24]. **hard/soft**
 [QS09]. **Hardened** [BS14c]. **hardness**
 [WYC10]. **Hardware**
 [ANS⁺20, BRF24, BS14a, BSP⁺23, BM11,
 CMM00, CBR⁺22, CGK25, DY23, DZS⁺18,
 FACA25, GFJ16, GLM⁺25, GQW19, HL25,
 HJY23, HLL⁺24, IPWW17, JBE⁺25,
 KTKO13, KP22, LG18, LLL⁺25a, LHF12,
 LF12, LZA25, LPL⁺21, MMX⁺25, MED23,
 MRL⁺20, MFHP12, MCY23, MRL⁺19,
 MGC24, NWA⁺24, PBL⁺25, PTPB22,
 PPC25b, RGX⁺24, RB19, SS24, SWM24,
 SGJN24, SKR⁺22, TY19, VTC20, WSY23,
 WLY⁺24, XFJ⁺16, YSF⁺18, YCL⁺20,
 YBM⁺21, YGH⁺10, ZHC⁺23, ZZW⁺25,
 ZLG⁺19, AMO05, BHDS09, BGM04, FNP09,
 GGB97, GPK⁺09, HKL⁺07, HBC⁺08,
 JW08, KSK⁺05, KG99, LP07, LVL03,
 MSB⁺09, MLC08, ML09, RHA08, SSG12].
Hardware-accelerated [RB19, MLC08].
Hardware-Assisted [GFJ16].
Hardware-Aware [ZZW⁺25, HJY23].
Hardware-Based [BS14a].
Hardware-Efficient [ZLG⁺19].
Hardware-Enabled [YSF⁺18].
Hardware-Software
 [BM11, GGB97, HKL⁺07, LVL03].
Hardware/Software [LHF12, CMM00,

KTKO13, YGH⁺10, AMO05, ML09].
Harmonic [Kha23]. **Harnessing**
 [CW25, GGB⁺24, MMR⁺25, RBWB20].
Hartley [HHX⁺23]. **Harvest** [YB23].
Harvesting [SAL19, XPZ⁺18]. **hash**
 [YTHC97]. **Hashing** [CJKK19, JCK⁺18].
hazards [HA05]. **HBM** [PRKK21].
HBM-like [PRKK21]. **HDL**
 [QJAP⁺25, YLC⁺25]. **HDLdebugger**
 [YLC⁺25]. **healing** [SS24]. **HEANA**
 [YKT25]. **Heap** [JPM⁺19]. **Heaps**
 [KLK⁺17]. **heartbeat** [DHZ⁺11].
heartbeat-detection [DHZ⁺11]. **Height**
 [CZZYW21, FM24, ZCS⁺24]. **HeM**
 [AJK⁺21]. **Heterogeneous** [APSMMD25,
 AJK⁺21, CUA⁺24, CGH⁺25, CWZ⁺25,
 DHW⁺23, ETAV18, GADG19, LCL⁺24,
 LY24, MBD⁺20, RKKH24, RS18, SPT⁺17,
 SVK17, SRKS23, SDD⁺25, SSL17, SAL19,
 SWT23, TBCH17, WMF⁺25, WTW⁺23,
 XPX⁺21, BWB14, CL99a, HV07, KJR⁺07,
 LLKY13, PTC05, QS09, SCB01, SKS12].
Heterogeneously [ZP08]. **Heuristic**
 [AKAKP18, HGCL16, CLM⁺10, LCKT12,
 OCRS07, SBGD13]. **heuristics** [TN99].
HEVC [SLV⁺22]. **Hidden** [HYK⁺20].
Hierarchical [CV17, FXH⁺25, HWL⁺23b,
 JDD20, LMB⁺12, LJ18, LZA25, LXC⁺25b,
 MSKBD07, OKJH22, SKR⁺22, TZ17,
 WMT⁺16, WLH20, XT16, BG01, HKV⁺07,
 VKKR02, ZM07]. **Hierarchy**
 [CM19, FW00]. **High** [AKAKP18, Ali12,
 CYZL23, CSC⁺21, CET16, CS22, CK16,
 DKT⁺16, DBK⁺18, DLC⁺17, EKEK22,
 FCZ⁺23, GHW⁺12, HIW15, HSP⁺22, ISK21,
 JD00, JDLZ24, Kha23, LLL⁺18, LYKW09,
 LQD22, LQL⁺24, MACV14, MGC24,
 NSP⁺20, OJC⁺24, PSD21, PRKK21, PTC05,
 PFHAH22, PPC25b, RCW22, RJ14, RM23a,
 RM23b, RBS⁺25, Sch17, SYH⁺22, SS14,
 SLV⁺22, SP24, VAAH⁺98, WMT⁺16, WS22,
 WYZ⁺25, WDW⁺25, YZS⁺25, ZYW⁺18,
 ZZ24, ZLG⁺19, ZHL⁺25, ZJH⁺25, ACT13,
 AYM05, BHW⁺13, BD00, CCC⁺09a,
 GDTG07, GF06, GGDN04, GWR13, HJ08,
 JP08, KW02, KJT04, LJV02, LC14, Lin97,
 LFG⁺09, MKBS05, MJM11, MLMM08, NS03,
 OW06, OWH08, PB14, RFYL98, SW12,
 SLXZ12, TC98, VKKR02, XK97, YWW10].
high-density [OWH08].
High-Dimensional [SYH⁺22, ZJH⁺25].
High-Efficient [ZHL⁺25]. **High-flexibility**
 [JDLZ24]. **High-Level** [CET16, CS22,
 FCZ⁺23, ISK21, MGC24, PPC25b, RCW22,
 RJ14, Sch17, SS14, SLV⁺22, JD00, NSP⁺20,
 PTC05, PFHAH22, RBS⁺25, VAAH⁺98,
 WS22, YZS⁺25, AYM05, BD00, GGDN04,
 HJ08, JP08, KW02, LC14, Lin97, MKBS05,
 MJM11, MLMM08, PB14, RFYL98, SW12,
 TC98, VKKR02, XK97, YWW10].
High-order [CYZL23]. **High-Performance**
 [DKT⁺16, DLC⁺17, LLL⁺18, LQL⁺24,
 WMT⁺16, WYZ⁺25, CYZL23, GHW⁺12,
 LYKW09, GDTG07, GWR13, LJV02,
 LFG⁺09, NS03, SLXZ12]. **high-quality**
 [BHW⁺13]. **High-Security** [LQD22].
High-speed [PSD21, OW06].
High-Throughput
 [HIW15, EKEK22, PRKK21]. **Higher**
 [BS14a, LYSO19, XPSE12]. **Highly**
 [SP24, dONH23]. **Hindsight** [YXG⁺24].
History [JM14]. **History-Based** [JM14].
Hits [SAL19]. **HLS** [MGC24, SCL⁺22].
HLS-IRT [MGC24]. **Hmap** [YTHC97].
HMP [SPT⁺17]. **HNH** [MMX⁺25].
HNH-CIM [MMX⁺25]. **Hold**
 [GSN25, LSZ⁺21, KSA⁺10]. **hold-driven**
 [KSA⁺10]. **holding** [Pom14a]. **Hole**
 [YLZ⁺17]. **Holes** [Pom21a]. **Holistic**
 [RGT⁺14]. **Homomorphic** [GT25]. **Hop**
 [AL19]. **HoPE** [PBL⁺17]. **Hot** [PBL⁺17].
Hot-Cacheline [PBL⁺17]. **Hotspot**
 [HDZ⁺20, JYY⁺22, JSF⁺25, LLL⁺25c,
 LYM⁺20, WYZ⁺25, ZZM⁺25]. **HPC**
 [LZA⁺21]. **HSG** [LXC⁺25b]. **HSG-RAG**
 [LXC⁺25b]. **Huffman**
 [BH10, NT05, WZL⁺21]. **Huffman-based**
 [BH10]. **huge** [HCK13]. **huge-scale**

[HCK13]. **Human** [BHBS22]. **Human-Readable** [BHBS22]. **HVAC** [JDD20]. **HW** [ADP⁺07, FLPP09, HTC⁺25, WWFT12]. **HW-SW** [ADP⁺07]. **HW/SW** [FLPP09, HTC⁺25, WWFT12]. **HWREx** [GLM⁺25]. **Hybrid** [BLNK14, FM24, GD22, GCL⁺16, HRC21, KKK12, LFST21, LZ17, LZ21, LYLW17, LV14, LGGJ14, MMX⁺25, MACV14, NAK20, PA21, SLXZ12, SWT24, VKT25, WSS⁺18, ZMLH24, CLYP09, KT01, KKMB02, LCZ⁺08]. **Hybrid-Row-Height** [FM24]. **Hypercube** [TMDF10]. **Hyperdimensional** [KLIK24]. **Hyperparameter** [CW25]. **HyperPlace** [CW25].

I/O [LC13, SLC⁺22, Wu09, Yan16]. **IC** [ABC⁺17, AYS20, BHLG19, DLK24, EK97, GNPZ25, IK19, KK11, KKKH16, LCJ⁺10, LTZ22, Ped96, WCB15, WXH⁺19, WSS⁺18, XGC⁺20, ZLL13]. **IC/MCM** [EK97]. **ICOS** [HCLC98]. **ICP** [XGWL24]. **ICP-RL** [XGWL24]. **ICs** [CM18, CM19, CLT⁺15, GSFT16, LHJ12, LS17, PKC⁺21, THM15, VILSL23, WWCT18, YHH09]. **IDDQ** [TCP97]. **Identification** [JBS24, LYL⁺23, QJAP⁺25, VTC20, DNA⁺12, JDT⁺08]. **identify** [LIA00]. **Identifying** [XGWL24]. **IDeSyDe** [JBS24]. **Idle** [LC07]. **Idleness** [GSD⁺18]. **IDs** [SOS15]. **IEEE** [IIEKS23]. **II** [JW08, SA24b]. **IIoT** [PTPB22]. **ILA** [HZS⁺19]. **illegal** [LIA00]. **ILOSSS** [XHF⁺25]. **ILP** [GBK07, MRC06, MWG97, OCRS07, OK08, SR12, WPL23]. **ILP-based** [MWG97, OK08, WPL23]. **Image** [GAT⁺21, RB19, WYIG07]. **Images** [WLW⁺24a]. **Imbalanced** [HDZ⁺20]. **IMC** [CYLC24]. **Imitation** [RKKH24]. **Impact** [GBK07, LDD⁺19, MDR15, RB19, TY19, TWM⁺23, XNZ⁺15, KTKO13]. **Impacts** [LHS⁺21]. **implement** [ADM⁺13]. **Implementation** [ANS⁺20, ALL17, BP23, HCRK11, JM14, KKLP15, LS22, LXGM23, MMM⁺22, MAS16, ORGD⁺15, SLV⁺22, ZABGZ17, CD09, JWL⁺03, KYN⁺12]. **Implementations** [KR24]. **Implementing** [HKL⁺15, KBA08]. **Implication** [LPLK22, WH20, WC06]. **Implication-based** [WH20]. **implications** [BLM00, DNA⁺12, GGBZ02, ZLL13]. **Implicit** [PT06]. **Imprecise** [ENP20, PKP⁺03]. **Improve** [KKLG15, NK24, Pom19b, WHXZ13]. **Improved** [DMR23, DMR24, DXM⁺25, HWGY16, KKLP15, LWC18, XHF⁺25, Giv06, LV02, PDN97, Vah99, KO23]. **Improvement** [JGM14, KMO⁺12, THM15, DD02]. **Improvements** [KAKSP16, PBL⁺25, VLH98]. **Improving** [ALLE20, BTT⁺25, CL13, CHC⁺16, CJKS24, CWL⁺22, KRS06, KYL16, RAKK12, TWM⁺23, WDL17, WSH⁺18, WH19]. **Imputation** [HBBD25]. **In-Cache** [BFG⁺19]. **In-Field** [ENH⁺25]. **In-Memory** [DMR24, RTJE25, ZXC⁺23, HHX⁺23]. **In-network** [CXK⁺13]. **In-Order** [ZBPF18]. **in-place** [KCKG13, YWW10]. **In-Scratchpad** [DFM15]. **In-Situ** [SL18, ZSL⁺25]. **in-SRAM** [ZSL⁺25]. **inclusive** [TZ20]. **Incomplete** [Pom19b]. **Inconsistency** [XPZ⁺18]. **Increase** [KMR18]. **Increasing** [HW14, Pom22]. **Incremental** [BS14b, DNT20, EO19, HKV⁺07, LYCP17, LNG⁺16, SGGR14, WJM24, DVA02, LG12, LLM01, SMSB05]. **Independent** [Pom16b, VEO16]. **Index** [BC16, HCL⁺14, HCK13]. **index-based** [HCK13]. **Index-Resilient** [BC16]. **indexed** [AC06]. **indexing** [Giv06]. **indices** [LCT03]. **indirectly** [AC06]. **Indoor** [MVK⁺18]. **Induced** [CIX15, GSD⁺18, LS19, LDX22, RDJ25, RRHB21, DHZL23, TCW20, SQL⁺24]. **Inductive** [IPWW17, HMLL11, LXCH04]. **Inductor** [WDC⁺22]. **Industry** [MCY23].

Inference

[CBC22, EGK⁺25, HTC⁺23, KZKAKP23, KLP⁺24, LCG⁺22, LPL⁺21, MNMK⁺21, MZS24, PGD24, VKT25, ZZW⁺25].

Inference/Training [EGK⁺25].

Inferencing [PGGD23]. **Information**

[HMO⁺14, NPH⁺20, RRHB21, ZZL⁺23, ZBPF18]. **Informative** [TEK18]. **Informed** [YCZ⁺25]. **Inherent** [LLZ⁺25].

Initializability [CPR⁺02]. **Initialization**

[WL12]. **Injection** [CGV⁺23, JIR⁺21, LTZ22, MLH⁺17, SQL⁺24, BPRR98, JM24].

Injector [FACA25]. **Input**

[APPJD25, JK10, LV14, PIK20, Pom16a, Pom16c, Pom21b, SRC15, BD05, BH03, CCW08, KM97]. **Inputs** [Pom18a].

Insertion

[GMS⁺23, HS19, LTW⁺16, MGC24, PSD21, PPC25b, SHL⁺19, WZH⁺23, CW01, JHL02, LXCH04, LLHT12, LCL08].

insertion/sizing [CW01]. **Inspired**

[WSY23, GNQ⁺22]. **Instances** [MZS24].

Instinctive [MVK⁺18]. **Instruction**

[DCS⁺24, HKL⁺15, HZS⁺19, KKMB02, LPD⁺17, LCD07, LHF12, LF12, LXGM23, OT15, SEN05, TYSF20, AMR00, Hua01, KSK⁺05, KTKO13, KHW06, LP03, LLHT03, LYCP13, LMW99, WH05].

Instruction-Level

[HZS⁺19, LXGM23, TYSF20, SEN05].

Instruction-Set [HKL⁺15, LP03].

Instructions [KAKSP16].

Instrumentation [FHHR21].

Instrumenting [MPDG09]. **Integer**

[ETAV18, TFW24, TZ17, GH00].

integer-programming-based [GH00].

Integrate [LLH⁺17]. **Integrated**

[CGS⁺24, FOM⁺25, HMLL11, HWX⁺14, HS19, JNCS19, KK14, KO23, KLE18, LLM⁺23, LZ21, NCP01, PLC24, RGM15, SHD17, BWB14, LFG⁺09, XTW05].

Integrating [BMdG17]. **Integration**

[APD⁺11, AJK⁺21, BPTB17, BRCS18, CUA⁺24, ENH⁺25, FXH⁺25, IGN18,

JHMGS18, LCL⁺24, TMDF10, YD16, DL11, LHZ⁺06, SSP04]. **Integrity**

[CUA⁺24, DCC⁺23, FHHR21, FHHH22, XRS⁺19, ZF23, XZC09, YHH09].

intellectual [KHP05]. **Intelligence**

[GNPZ25, KAC⁺23, MVK⁺18]. **Intelligent**

[KP22, LJZ⁺24, WLW⁺24b, XHW⁺25, HCLC98]. **intensive** [KCA04]. **intent**

[SDP⁺09]. **Inter** [DJP21]. **Inter-tile**

[DJP21]. **interacting** [NCP01]. **Interactive**

[UMS25, SCV06]. **intercluster** [GBK07].

Interconnect [DHNr23, HCZ⁺16, LKLC22,

MSB⁺09, WTR12, XS16, YLY⁺23, HR06, HLHT08, JPCJ06, SY07]. **Interconnection**

[GADG19, CFX09]. **Interconnections**

[GNQ⁺22, KM97]. **Interconnects**

[ACES25, WM24, CML98, CH96, XZC09].

Interface [HLL⁺24, LZZ23, LHLP16].

Interfaces [PMP17]. **Interference** [CIX15].

Interleaving [SPC⁺15]. **Intermediate**

[MGC24, LTH99]. **Internal** [BDB12, Yan19].

Internet [DP04, TK18]. **interpolation**

[CMNQ08, YHL⁺11]. **Interposer**

[WCB15, WWCT18, WFW⁺25].

Interposer-Based [WCB15, WWCT18].

Interrupt [JP08]. **Interrupts** [Ali12].

Interval [PIK20, ST99]. **Intra** [SLV⁺22].

intrasignal [KCKG13]. **Intrinsic**

[HRK18, SCJ01]. **Introducing** [PGB01].

Introduction [ADGSM22, BC08, BJX15,

BJZ24, CCY22, CO18, CLQ12, DPSY25,

Har05, HAW20, HJ08, JCPL23, JW08, LP07,

LZR23, MYSZ23, NWA⁺24, Ped06,

PFHAH22, RW03, RBA⁺12]. **Introspection**

[KI01]. **Intrusive** [LL15, SL18]. **Invariant**

[Pom18b, PL03]. **Invariants** [IPWW17].

Inversion [LHW⁺17]. **Inversion-Aware**

[LHW⁺17]. **inverted** [DH06]. **Inverter**

[VEO16]. **Investigating** [RB19].

Investigation [XLNB17]. **IO** [Yan11]. **IoT**

[BSP⁺22, CCMC20, CARH18, LZ24b,

MMM⁺22, PTPB22, XLNB17, YB23,

YFT17, YFT18]. **IoT/IIoT** [PTPB22]. **IP**

[BTP⁺20, BFV15, ISK21, JHMGS18,

RGX⁺24, SLP⁺19, SSGS03].
IP-Integration [JHMGS18]. **IPs** [DRK⁺25, GSFT16, LLH⁺17, LG18, Sch17, VBP⁺19].
Irregular [CLX⁺23, KCKG16, KCKG13].
IRT [MGC24]. **ISAC** [LCZ⁺25].
ISAC-aided [LCZ⁺25]. **ISAs** [SBH⁺06].
Ising [MS21]. **Ising-FPGA** [MS21]. **Island** [GMS⁺23, LCY12, GM08]. **Islands** [JPHL16]. **ISOAcc** [ZSL⁺25]. **Isolation** [CCS15]. **Issue** [ADGSM22, BJX15, BJZ24, DPSY25, HAW20, LZR23, NWA⁺24, TK18, BC08, LP07, Ped06, Ped11]. **Iteration** [CZZYW21, ZCS⁺24]. **Iterative** [KLV15, Yan20, DD02]. **iTimerM** [LJ18].

JAMS [KPB19]. **JAMS-SG** [KPB19].
Java [BHDS09, PSL⁺98]. **JETC** [BC08].
JETC/TODAES [BC08]. **Jitter** [KPB19, ZZ24]. **Jitter-Aware** [KPB19].
joint [BC08]. **Jointly** [CCK⁺18, GYT12, XXC⁺24a, ZLW⁺15].
Journal [SN10]. **JPEG2000** [GFC⁺09].

kEP [BCC08]. **kEP-SOPs** [BCC08].
Kernel [WMF⁺25, EKEK22, WKR09].
Kernels [MLH⁺17]. **Key** [ISK21, JZG21, ZZL⁺23]. **Key-based** [JZG21]. **Key-Obfuscated** [ISK21]. **KG** [STG⁺25]. **knapsack** [SBGD13].
Knowledge [EO19, LXC⁺25b, STG⁺25, ZHC⁺23].
Knowledge- [EO19].

L [LM96, Meh98, OKJH22]. **L-shaped** [Meh98]. **L-shapes** [LM96]. **L0** [KJR⁺07].
L2 [SYX12, TYSF20]. **Lab** [PGCB16].
Lab-on-Chip [PGCB16]. **Lagrangian** [LGGJ14, PY20, ZBG⁺23]. **Lamellar** [LFJ25]. **Language** [CW25, CGK25, DPSY25, HCG⁺24, HPW⁺25, LCP⁺25, LZA25, PZC⁺25, PBL⁺25, TAP⁺24, WHF⁺25, YZS⁺25, YLC⁺25, MSD06, MLC08, PHM00, RHN00].
languages [BGM04, Edw03, SSG12]. **Large** [CK19, CGS⁺24, CW25, CGK25, CSX⁺05, DNT20, DPSY25, GNQ⁺22, HPW⁺25, JZYZ15, LYL⁺19, LCP⁺25, LZA25, NDA⁺23, PZC⁺25, PBL⁺25, TAP⁺24, WTW⁺23, WHF⁺25, WLW⁺24b, YVC14, YZS⁺25, YLC⁺25, ZHC⁺21, ZGB⁺24, AM10, DD02, HH09, MRB⁺11, SCB01].
Large-Language [PBL⁺25]. **Large-Scale** [LYL⁺19, YVC14, CGS⁺24, CSX⁺05, GNQ⁺22, WTW⁺23, WLW⁺24b, ZGB⁺24].
Last [KLJ14, SABSA15, SAL19, CXK⁺13].
Last-Level [KLJ14, SABSA15, SAL19].
Latch [JNCS19, Kha23, LCHT02].
latch-based [LCHT02]. **late** [LG12].
Latencies [Sch17]. **Latency** [DMR24, LWX⁺23, LCZ⁺25, QBTM16, YKCG14, ZYPC17, PMT20, WHXZ13].
Latency-aware [LWX⁺23].
Latency-Minimal [ZYPC17]. **Lattices** [GSS14, HMO⁺14]. **Launch** [Pom21b, PTC⁺15, WWW⁺12, XCW12, Xia24, WPHL08]. **launch-off-shift** [WPHL08]. **Launch-on-Capture** [XCW12, Xia24]. **Launch-On-Shift** [PTC⁺15, Pom21b, WWW⁺12].
Launch-to-Capture [PTC⁺15]. **Layer** [DHZL23, LYCP17, MWS⁺20, WL12, Yan17, Yan20, CLYP09, DDNAV04, EKEK22, OW06, Yan00, Yan19]. **Layer-induced** [DHZL23]. **Layout** [CFD⁺16, CHF25, DZ18, HWF⁺23, JYY⁺22, JSF⁺25, LZ17, LCYN18, MXO⁺25, RCK⁺15, SPC⁺15, TZ20, WPHL08, WPR⁺19, WYZ⁺25, XK97, YLZ⁺17, ZLY⁺15, ZZM⁺25, GS00, GH00, KG09, WJYZ11].
Layout-Aware [RCK⁺15, WPHL08].
Layout-driven [XK97]. **Layouts** [GMS⁺23, GFC⁺09, LM96]. **Lazy** [ZLW⁺15, ZLW⁺15]. **Lazy-RTGC** [ZLW⁺15]. **LBNOC** [PMT20]. **LDE** [TZ20].
LDE-aware [TZ20]. **LDOs** [SCK18].
LDPC [CWL⁺22, DHZL23]. **leaf** [dW97].
Leak [PCT⁺17]. **Leakage** [CFHM09, DHB16, HYN15, JK10, LDX22,

PIK20, PS23, RRHB21, STWX12, SYHL14, SKP21, XT16, YYLL09, ZBPF18, CS07, CCW08, KOS09, MLG12, YLL06]. **Leakage-Aware** [SKP21, YYLL09]. **learn** [GAS⁺24, RG19]. **Learned** [XFJ⁺16]. **Learning** [ALLE20, AVA24, CLL⁺22, CAOM19, CCMC20, CJKS24, DNT20, EW18a, EGK⁺24, FXH⁺25, GT21, HDZ⁺20, HAW20, HZJC23, HMMG⁺20, HXC⁺18, HFMB20, HHH⁺21, HC23, HBB25, IE12, JBJ22, KP22, KLIK24, KLP⁺24, LG18, LYHL14, LZY⁺23, LJZ⁺24, LCZ⁺25, LCZ⁺24, LZR23, LLL⁺24, LLL⁺25c, LXC⁺25a, LG23, LPL⁺21, LRHL24, MMR⁺25, MBD⁺20, MYSZ23, NL24, NDA⁺23, NSP⁺20, PJL14, QZZW24, RKKH24, RBS⁺25, RNA⁺21, RPR⁺21, SKR⁺22, SCK⁺23, SWT23, SQL⁺24, SAHF⁺20, TEK18, WH19, WLH20, WS22, WLW⁺24a, WDLX21, WLY⁺24, XAG⁺20, XXC⁺24a, XGWL24, XXC⁺24b, YCZ⁺25, ZHL⁺23, ZHC⁺23, ZKS⁺16, ZHC⁺18, ZPLI23, CXS⁺23, GAS⁺24, STL⁺13]. **Learning-Based** [LG18, LCZ⁺25, HFMB20, LJZ⁺24, LG23, SWT23, XAG⁺20]. **Learning-to-Search** [NDA⁺23]. **Least** [JLJ15]. **Legalization** [CZZYW21, HNS23, ZCS⁺24]. **Legalizer** [DBK⁺18, DBK⁺18]. **Length** [XHL⁺25, CCC09b, Con06, LCT03]. **Lens** [KPSW09]. **Lessons** [XFJ⁺16]. **LET** [WLZ⁺19]. **LET-Based** [WLZ⁺19]. **Level** [CGH⁺25, CDB11, CET16, CS22, CLMZ10, DKZ⁺15, FOM⁺25, FCZ⁺23, HKL⁺15, HMO⁺14, HZS⁺19, ISK21, KLJ14, LL15, LG18, LS11, LXGM23, MNMK⁺21, MGC24, PDS12, Pie16, PPC25b, RCW22, RJ14, SABSA15, Sch17, SS14, SLV⁺22, SAL19, TYSF20, VTC20, WDLD17, WCZ⁺24, WJM24, AYM05, BdM00, BD00, CM19, CCYC14, CIB01, CXK⁺13, Che96, GM08, GG99, GS00, GGDN04, HJ08, HLL⁺24, JD00, JR97, JP08, JT98, KI01, KRK98, KW02, LC14, LLQ⁺03, LTPT10, Lin97, MW97, MOZ06, MKBS05, MT02, MJM11, MLMM08, NSP⁺20, OCRS07, PB14, PPDK09, PTC05, Ped06, PFHAH22, PBSV⁺06, RFYL98, RBS⁺25, RFG20, SW12, Sen11, SEN05, TC98, TJ99, Vah99, VAAH⁺98, VKKR02, VS12b, VBP⁺19, WTL⁺13, WS22, XK97, YZS⁺25, YWW10, ZHM07, ZLL13]. **Leveling** [CCH⁺15a, CHC⁺16, Kha12, CD09]. **levelized** [KPR06]. **Levels** [BFL10]. **Leveraging** [CS22, CGK25, DSHD23, SQL⁺24]. **LFSR** [KJT04, Pom17a, Pom18b]. **LFSR-Based** [Pom17a, Pom18b]. **LHS** [RBS⁺25]. **Libraries** [ACF⁺11]. **Library** [APPJD25, KRH18, KKS16, MCZ⁺16, BD97, DDNAV04, JD00]. **Library-Based** [MCZ⁺16, DDNAV04]. **LIDAC** [APPJD25]. **lifecycle** [HDL⁺12]. **Lifetime** [AAA15, DLC⁺17, NK24, SJN24, WDLD17, MHT14]. **Lightning** [SQL⁺24]. **Lightweight** [ENH⁺25, MPM⁺17, NSCM17, JM24, MMM⁺22]. **like** [PRKK21]. **limitations** [Voe01]. **limited** [LLKC13]. **Line** [AAKT⁺25, SNH02, ACES25, ZYZ⁺13]. **Linear** [ACFM12, CGV⁺23, ETAV18, MFHP12, PPC25b, TZ17, DSRV02, KC98, LWK11, ST99]. **Linking** [HRC21]. **Links** [KQP⁺19]. **list** [HCS01, MHD⁺04]. **list-approximation** [HCS01]. **lists** [HVF⁺01]. **LithoExp** [JSF⁺25]. **Lithographic** [JSF⁺25, LYM⁺20]. **Lithography** [HDZ⁺20, LZ17, ZLY⁺15]. **liveness** [MS08]. **LLC** [PBZM19, SJ23]. **LLCs** [PBL⁺17]. **LLM** [BTT⁺25, GLM⁺25, QJAP⁺25, RBS⁺25, STG⁺25, ZZW⁺25]. **LLM-assisted** [GLM⁺25, QJAP⁺25]. **LLM-based** [BTT⁺25, STG⁺25]. **LLMs** [QLX⁺25]. **LLR** [CWL⁺22]. **Load** [CLC20, LLHT12, Pom19a, ZCK24, Pom14b]. **Load-balanced** [LLHT12]. **Local** [BM11, KC13]. **Locality** [LDLM20, MT15, TYSF20, ZFLS11, GFC⁺09, Kan06]. **Locality-Aware** [MT15]. **Locality-Driven**

[ZFLS11]. **Localization** [HDB22, JSF⁺25, YYL⁺15, HL25]. **localized** [CMNQ08]. **Locally** [PMS15, KC13]. **Locked** [IYF⁺21, JZG21]. **Locking** [BTP⁺20, Mit16]. **Lockout** [ISK21]. **Logic** [ALLE20, AYS20, BFL10, CBMM10, Che18, CZW19, CXS⁺23, ETAV18, EKS⁺14, HS18, HIW15, JZG21, JZL⁺25, KKH⁺02, KMO⁺12, LWZ⁺19, LSZ⁺21, LWC18, MZS24, PZY⁺25, PA21, Pom25b, QZZW24, RTJE25, SLP⁺19, WB16, WCZ⁺24, WKC12, WLW⁺24b, XHF⁺25, ZHJ⁺23, ZWD11, ARLJH06, BLM00, BDM⁺99, BOC00, CSKR05, CD96, GGBZ02, KJKK03, KMC97, KVMH08, LWH06, MW97, RJSB09, TW96, TN99, TJ99, VKT02, WVYG99, ZS02, RTJE25, PRCK08]. **Logic-Based** [ETAV18]. **Logical** [SJ23]. **logics** [BD05]. **long** [SSP04]. **long-path** [SSP04]. **Longevity** [KBV⁺15]. **Look** [KSD⁺22]. **Look-up-table-based** [KSD⁺22]. **Lookahead** [PMT20]. **lookup** [CH02, WSEA99]. **Loop** [AA17, EO19, GDD21, LDLM20, SXX⁺06, HKV⁺07, PCC09, XPSE12]. **Loop-dominated** [LDLM20]. **Loops** [IYF⁺21, BG01, CL99a, KNDK96, SHLL98]. **Lose** [KBV⁺15]. **Loss** [WSRH16, KC13]. **Losses** [ZMS⁺19]. **Low** [ACF⁺11, AYS20, ALL17, BPTB17, CH10b, CM08, CHHL96, CLMZ10, DMR23, DSM25, GBR07, GAT⁺21, GRC25, HWDQ22, HLKN07, HTCP13, HBBD25, JDLZ24, KP22, Kha23, KLP⁺24, LTYW12, LS23, LSL⁺13, LSZ⁺24, LCZ⁺25, LQD22, LS17, MED23, MKK13, MACV14, PMT20, PMB10, Pom14b, RFB10, RM23a, SMS22, SYH⁺22, SCK⁺23, SP24, SESN15, TWL16, TMDF10, WGT⁺17, WPR⁺19, YKCG14, ZK15, ZHL⁺25, BD00, BPRR98, CH10a, CCX06, DS06, GOC02, HLCH07, HCK13, JWL⁺03, KBN09, KKH⁺02, KJR⁺07, KHW06, KYN⁺12, LLHT03, LYCP13, LHW97, ML09, RTNL05, SUC01, TJ99, YGZ04, ZYDP08, ZP08]. **Low-Complexity** [LTYW12]. **Low-Cost** [LSZ⁺24, JDLZ24, BPRR98, HCK13]. **Low-coverage** [WPR⁺19]. **Low-data** [LS23]. **Low-energy** [LSL⁺13, MED23]. **Low-Latency** [LCZ⁺25, YKCG14, PMT20]. **Low-Overhead** [KLP⁺24, LQD22, ZHL⁺25, PMB10]. **Low-Power** [ALL17, BPTB17, CH10b, CLMZ10, GBR07, GAT⁺21, HWDQ22, HBBD25, LS17, TWL16, TMDF10, WGT⁺17, ZK15, CM08, HTCP13, KP22, MKK13, Pom14b, RFB10, SMS22, BD00, CH10a, DS06, GOC02, HLCH07, JWL⁺03, KBN09, KKH⁺02, KHW06, KYN⁺12, LYCP13, ML09, RTNL05, SUC01, ZYDP08, ZP08]. **Low-Rank** [SYH⁺22]. **Low-Voltage** [DMR23, SCK⁺23]. **Lower** [HWF⁺23, LC96, TC98]. **Lower-bound** [HWF⁺23, LC96]. **Lowering** [JLK15]. **LSTM** [CBC22]. **LUT** [CD96, CH00, CYLC24, KNRK06, LKM04, NK24, VKT02]. **LUT-based** [CH00, KNRK06, LKM04, NK24, VKT02]. **LVS** [LBV⁺06]. **M** [MMX⁺25]. **MAB** [GGB⁺24]. **MAB-BMC** [GGB⁺24]. **MAC** [BS14a]. **Machine** [ALLE20, BHBS22, CAOM19, CCMC20, CXS⁺23, CJKS24, DNT20, EW18a, EGK⁺24, HAW20, HMMG⁺20, HXC⁺18, HHH⁺21, HC23, HBBD25, IE12, KP22, LYHL14, LZY⁺23, LZR23, MMR⁺25, MYSZ23, NSP⁺20, RPR⁺21, SCK⁺23, SAHF⁺20, WLW⁺24a, WLY⁺24, XAG⁺20, ZHC⁺18, ZPLI23, CK96, KMC97, MMP00, PHM00, MSR09]. **Machine-Learning** [ZHC⁺18]. **Machine-learning-driven** [CXS⁺23]. **Machines** [DMR10, BDC08, CHHL96, MS08, BHDS09]. **Macro** [LJ18]. **macrocell** [CHY05]. **Macromodel** [SHD17]. **Made** [GT25]. **MAESTRO** [RGT⁺14]. **Magnetic** [WDC⁺22]. **Magneto** [AKM⁺22].

Magneto-Electric [AKM⁺22]. **Main** [AAA15, BLNK14, NAK20, NK24, PBZM19]. **Makespan** [SRKS23]. **Making** [HCG⁺24, TCW20, XLNB17]. **Malware** [LZ24b]. **Man** [ZLYZ25]. **Managed** [KLK⁺17]. **Management** [ABC⁺17, BDR⁺24, BM11, CHBK15, DLC⁺17, DMR10, GCL⁺16, HC17, HXC⁺18, JPM⁺19, KKL15, LHW⁺17, LZA⁺21, MMR⁺25, MBD⁺20, MDR15, NDA⁺23, PJJ14, PSP24, PBZM19, SKP21, SAHF⁺20, VA17b, WMT⁺16, WXH⁺19, YB23, AHAKP08, ADDM⁺13, AMM⁺06, ANR13, BHDS09, BMJ13, CLQ12, DS05, FHHG12, GK14, HCK13, IBMD07, LMB⁺12, STL⁺13]. **Managing** [TY19, BD08]. **Manhattan** [DSKB04]. **Manhattan-diagonal** [DSKB04]. **manipulation** [CCQ98, Zho08]. **manufacturability** [WPR⁺19]. **Manufacturing** [MCY23, YCL⁺20]. **Many** [CAOM19, GD22, SA24b, SESN15, WMT⁺16, WDLX21, ZHC⁺21]. **Many-Core** [CAOM19, SESN15, WMT⁺16, GD22, WDLX21]. **Manycore** [AJK⁺21, KLK⁺17, NDA⁺23]. **Manycore-Based** [KLK⁺17]. **mapper** [YTHC97]. **Mapping** [APSMMD25, CPS16, CGLH23, ETAV18, GT21, GYZ⁺22, HABS15, HAB⁺17, HJY23, JBJ22, LFST21, MNT⁺25, SWT23, SWT24, VNS19, WDD⁺23, XGC⁺20, ZYPC17, CSL⁺07, CH02, CH00, CHY05, JP12, JD00, KL05, LKM04, MBB01, PL98, SKS12, WY06, WSEA99, ZS02]. **Marching** [CCH⁺15a]. **Marching-Based** [CCH⁺15a]. **Markov** [CB17]. **Mask** [XHY⁺25, ZZM⁺25]. **Masked** [ZZM⁺25]. **Masking** [CYZL23]. **Massively** [ZWD11]. **Matched** [LCYN18]. **Matching** [CLC20, HWF⁺23, MS17, PZY⁺25, THM15, WLLH16, ZLG⁺19, BD97]. **Matching-based** [HWF⁺23]. **Mathematical** [LHC24]. **MATLAB** [LPD⁺17]. **matrices** [KVMH08]. **Matrix** [CLT⁺15, CZZYW21, LCJ⁺22, LXWC20, LKC⁺18]. **Matrix-Based** [LKC⁺18]. **Maximization** [LM21]. **Maximize** [CS22]. **Maximizing** [BH22, HHK⁺17]. **MaxSense** [LM21]. **Maze** [LLLL18, JCGP05]. **MCC** [YYG⁺16]. **MCEmu** [THT12]. **MCM** [EK97]. **MCMCF** [GDTY24]. **MCMCF-Router** [GDTY24]. **MCMM** [EK16]. **McPAT** [LLK⁺14]. **MCTS** [DXM⁺25]. **MCUs** [MRB⁺11, ZLYZ25]. **MDE** [ORGD⁺15]. **mean** [Das04]. **Measurement** [APDC17, CRT19, JB98, XAG⁺20, LG12]. **Measurement-Based** [APDC17]. **Measurements** [LFST21, LYSO19]. **Measuring** [CHA⁺23, WAZ98]. **MEC** [LJZ⁺24]. **Mechanical** [BHLG19, LTW⁺16]. **Mechanism** [QSW⁺15, SVK17, WQC⁺16, ZLW⁺15, ZK15, Wu09]. **Mechanisms** [CBO⁺18, PTPB22, GBK07]. **MEDA** [KR23, LSCK20, PBWB21]. **Media** [SLV⁺22]. **Medium** [MED23]. **MEDUSA** [ZPLI23]. **MeF** [AKM⁺22]. **MeF-RAM** [AKM⁺22]. **memetic** [LFG⁺09]. **Memories** [AAA15, DFM15, DHZL23, JSA18, LS23, LSZ⁺24, NK24, SKP21, JD00, MRB⁺11, NR03, OK08, RMB10, SPG⁺08]. **Memory** [AKM⁺22, BLNK14, BD14, CPS16, CGH⁺25, CCK⁺18, CIX15, CLX⁺23, DMR24, DFM15, DHX⁺23, HJY23, HTC⁺25, JCK⁺18, JPM⁺19, KLSP11, KKL15, LHS20, LDP⁺22, LZZ23, LLP⁺16, LCJ⁺22, LWZ⁺19, LPL⁺21, MWS⁺20, MS23, MCdS25, NAK20, NM23, OJC⁺24, PDN97, PPP⁺15, PRKK21, PBZM19, RTJE25, RPR⁺21, SHBD21, SSL17, TLCF16, TRM⁺16, TMDF10, VFML23, WQC⁺16, WDZG16, WFT⁺19, WDD⁺23, WGS16, WZL⁺21, XNZ⁺15, ZXC⁺23, ZLW⁺15, ZZCY17, ZLYZ25, AMM⁺06, BD08, BHDS09, BGN⁺07, CPW04, CJLZ11, HHX⁺23, HKV⁺07, IBMD07, JCS⁺08, Kan06, KG09, LSPC14, MB04, NdLCR03, OKC08, PDN00, PCD⁺01, SUC01, SM00, WH05, Wu09, ZYZ⁺13, ZP08].

Memory-aware [DHX⁺23].
Memory-Based [BD14, CPS16, LWZ⁺19].
Memory-Centric [HTC⁺25].
memory-constrained [OKC08].
Memory-driven [NM23].
Memory-Efficient [CGH⁺25, ZLYZ25].
Memory-Throughput [MS23].
Memristive
 [BXG⁺24, KZKAKP23, WSY23, XGC⁺20].
Memristive-based [KZKAKP23].
Memristor [LS22]. **MEMS**
 [BHLG19, Kha12]. **MEMS-IC** [BHLG19].
Merging
 [ASAP17, CZW19, TCL14, LLLC13, MB04].
Mesh
 [CHA⁺23, JM14, KK14, GHW⁺12, RL13].
MESO [ZXC⁺23]. **Message**
 [Hu20, KPB19, DSH12, EY12].
message-passing-based [EY12]. **MESSI**
 [APSMMD25]. **metamodeling** [MPSJ07].
Metastability [PBH⁺24]. **Method**
 [AKAKP18, BZWZ17, CZZYW21, JSS⁺19,
 KO23, LCL⁺24, LLL⁺24, LCC⁺15,
 MNMK⁺21, RGM15, SYH⁺22, SRC15,
 STGR15, WTR12, WMT⁺16, WZL⁺21,
 YLZ⁺17, ZYW⁺18, ZPLI23, ZCS⁺24,
 ZJH⁺25, CGN96, CL99b, HW00, Kag05,
 LH13, LDK99]. **Methodologies**
 [PLH⁺24, BW00, CEB06, MD13, SCS10].
Methodology [BFV15, DK22, EKEK22,
 EAP17, GMS⁺23, HXB⁺22, KKLP15,
 KJR⁺07, KMO⁺12, LW17, LSZ⁺21, LZ21,
 LZZSV15, LLLL18, NSP⁺20, SWT23,
 SWT24, VA17a, VEO16, VBP⁺19, WCZ⁺24,
 XPX⁺21, AMM⁺06, DRG98, FLPP09,
 HDL⁺12, HCLC98, Hsi00, KYN⁺12, NR03,
 PW99, SEN05, SMSB05, SZV⁺12].
Methods [CLL⁺22, EW18a, GDF09,
 KRL15, ZHC⁺18, FZKS11, SW04, ZAJ⁺12].
Metric [YRH11]. **Metrics** [LIK22]. **Micro**
 [Kha23, RBWB20, YBM⁺21]. **Micro-**
 [Kha23]. **Micro-/Nano** [Kha23].
Micro-architecture [YBM⁺21].
Micro-Electrode-Dot-Array [RBWB20].
Microarchitectural
 [GOC02, LS11, HMLL11].
Microarchitecture [BSZ⁺24, TCW⁺25,
 XZW⁺25, ZBPF18, CFX09].
microcontrollers [CD09]. **MicroElectrode**
 [RB21]. **MicroFix** [YHL⁺11]. **Microfluidic**
 [CPK20, CGLH23, CHG⁺24, GLD⁺22,
 GHYR19, JYHY21, KGS⁺20, LHC16,
 LWLH24, LCZ⁺24, LKC⁺18, MGR⁺15,
 MWK21, PGCB16, PBF⁺22, RCK⁺15,
 RB21, SKS⁺18]. **microfluidics**
 [SOC06, SC06]. **microfluidics-based**
 [SOC06, SC06]. **Microgrid** [VA17a].
Microprocessor [OT15, BPRR98, HV98,
 LBV⁺06, WAZ98, WWC04].
microprocessor-based [BPRR98].
Microprocessors [Ali12, WMT⁺16,
 LTPT10, MKW09, VAAH⁺98, WTL⁺13].
Migration [DK16, Kha12, TZ20].
Migration-Resistant [Kha12]. **million**
 [HH09]. **million-gate** [HH09]. **Min**
 [HS18, SSP04]. **Min-Area** [HS18, SSP04].
min-delay [SSP04]. **Mine** [LWC18].
Minimal [MCD12, ZYPC17, KL05].
minimal-area [KL05]. **Minimally**
 [EKEK22, RNA⁺21]. **Minimization**
 [HYN15, KR23, PIK20, WB16, AMR00,
 CSAHR07, CGN96, CCC09b, HPK99,
 HCS01, HCN09, KC13, LXCH04, LKM04,
 LDK99, LWH06, LC07, MRC06, OK08,
 Ped96, PR96, QS09, SXX⁺06, TJ99, ZYP09].
Minimizing [GSD⁺18, KOS09, PKJK20,
 SRKS23, TPC⁺17, WDZG16, WC10, KT96].
Minimum [BFL10, HYN15, JLK15,
 KJKK03, FNMS01, MS00, ZCG06].
minimum-area [MS00].
Minimum-Energy [BFL10]. **Mining**
 [LJZ⁺24, LWC18]. **Mirage** [HPW⁺25].
Mismatched [WPL23]. **miss** [TY97].
Missing [HDB22]. **Mission** [BSP⁺22].
Mistakes [DHB16]. **Mitigate**
 [JIR⁺21, MDR15, WFW⁺25, RJBS09].
Mitigating [KS23, LHS⁺21, MRB⁺11,
 VFML23, YWF⁺24]. **Mitigation**

[BFL10, GLM⁺25, HWL⁺23a, KD24, KRL15, MRL⁺20, HMLL11]. **Mixed** [BB17, CZZYW21, CYH19, GNPZ25, HRC21, IGN18, KZKAKP23, KMR18, LLL⁺25c, SZB17, TFW24, YVC14, YWF⁺24, ZABGZ17, ZSY18, ZCS⁺24, AM05, KOS09, MS00, YWGI09]. **mixed-** [KOS09]. **Mixed-Cell-Height** [CZZYW21, ZCS⁺24]. **Mixed-Critical** [IGN18, KMR18]. **Mixed-Criticality** [BB17, CYH19, SZB17, YWF⁺24, ZABGZ17]. **Mixed-Signal** [GNPZ25, HRC21, STGR15, ZSY18, GMS⁺23, KZKAKP23]. **Mixed-Size** [LLL⁺25c, YVC14, AM05]. **Mixing** [KR23]. **Mixture** [RCK⁺15, SKS⁺18]. **ML** [EGK⁺24, LYM⁺20]. **ML-Based** [EGK⁺24, LYM⁺20]. **MLC** [JSA18, KYL16, MWS⁺20, PPP⁺15, SJN24]. **MM*** [LH14]. **MNFTL** [MWS⁺20]. **Mobile** [CLL⁺22, GYZ⁺22, JZYZ15, LPLK22, LKH19, YPCF17, ISE08, JBC⁺10]. **MoC** [MPSJ07]. **MoDAF** [LDYW25]. **Mode** [EAAK⁺23, EK16, JOH17, KKS16, KS23, SLC⁺22, UE22, LC07]. **Mode-benefited** [SLC⁺22]. **Mode-Reconfigurable** [UE22]. **Mode-switch** [KS23]. **Model** [AVG19, Ase23, CLH12, CCH15b, CB17, CW25, DFC⁺25, EAP17, GFJ16, GGB97, HTC⁺25, JJH21, KW16, KLP⁺24, LH14, LJ18, LCG⁺22, LLL⁺24, LOC12, LY24, MS21, ACES25, SZB17, TFW24, TAP⁺24, WHF⁺25, XLNB17, YWGI09, YZS⁺25, YMB15, BLR06, BK10, BH03, CNQ13, CH13, CK96, LLQ⁺03, MP07, MCMW08, PWY05, RS98]. **Model-based** [JJH21, MP07]. **Model-Centric** [XLNB17]. **Model-Driven** [EAP17, LOC12]. **modeled** [ARLJH06]. **ModelGen** [WHF⁺25]. **Modeling** [AVA24, BKW15, BLUS19, CVMP19, GS00, GNPZ25, GCZ⁺15, LG18, LLK⁺14, LLQD23, MNT⁺25, PSL⁺98, QBTM16, RGT⁺14, RPR⁺21, SSS⁺19, TWL16, TTL⁺24, WTR12, WGT⁺17, WLC⁺24, ZHL⁺23, ZZM⁺25, BBD00, JP08, LMW99, LON08, LVL03, MPSJ07, PTC05, RHN00, RFYL98, Rak09, SKCM06, VAAH⁺98, VLGG01, WTL⁺13, WJY⁺07, ZM07]. **Models** [APD⁺11, APS18, BBEM15, BFG17a, CGK25, DPSY25, HPW⁺25, HHL14, LS23, LFST21, LS22, LCP⁺25, LZA25, MA16, PZC⁺25, PBL⁺25, RG19, SDD⁺25, UMS25, WLM21, YLY⁺23, YLC⁺25, YBM⁺21, ZABGZ17, GMSSS02, LTPT10, MRC06, SGD10, SMSB05]. **Modern** [DKT⁺16, NTSA18]. **Modification** [JK10, MGC24, PAV17, SA24a]. **Modified** [DMR23]. **Modular** [GAT⁺21, ZMS⁺19]. **Module** [HRC21, LCYN18, SC06, WCZ⁺24, CCX06, SCJ01, TW96]. **Module-Level** [WCZ⁺24]. **Module-Linking** [HRC21]. **Modules** [DHW⁺23, CWW96, CZW⁺03, KT96, OWH08]. **Modulo** [PG15]. **Modulus** [CZZYW21]. **Modulus-Based** [CZZYW21]. **MOEA** [SA24b]. **MOEA/D** [SA24b]. **Monitoring** [CSS⁺24, FYCT15, LL15, LHL16, LLH⁺17, SL18, APB⁺08, CXK⁺13, CBR⁺05, KP13, WJY⁺07]. **Monitors** [VBP⁺19]. **Monolithic** [AJK⁺21, DLK24, LDD⁺18, LDD⁺19, PKC⁺21]. **Monotone** [DPNB02]. **Monster** [FHHH22]. **Monte** [FZL⁺23, GLY⁺12, ZFL22]. **morphing** [RAKK12]. **MOS** [ZK15]. **MOSFET** [BFL10]. **motes** [RFB10]. **Motion** [FG18, ZLG⁺19, DHV⁺00, KMS12]. **Movable** [TFW24]. **Movement** [HWGY16]. **MP** [CRC15]. **MPRM** [ZJH⁺25]. **MPSoC** [BGN⁺07, FACA25, GK14, KKJ⁺08, KH10, SGD10]. **MPSoCs** [ADP⁺07, DJP21, EWT23, LFST21, MRL⁺20, MHT14, RGT⁺14, SKS12, SSL17, SWT23, SWT24, YP10]. **MRAM** [JZYZ15, SMBT19]. **MSG** [WY06]. **MTCMOS** [HLCH07]. **Muller** [ZHJ⁺23, ZHL⁺25]. **Multi** [BS14c, CYH19, EKEK22, ETAV18, EWT23,

GDTY24, GACK22, HC17, JOH17, KGS⁺20, KLE18, KR23, LFST21, LDYW25, LWG⁺23, LFJ25, LZD⁺24, LLZ⁺25, LG23, PGD24, PBWB21, PBF⁺22, PY20, RKKH24, SA24b, SFM⁺19, SBY⁺20, SCL⁺22, VILSL23, WFSS20, WZH⁺23, WMF⁺25, WDLX21, WLW⁺24b, XXC⁺24a, XHL⁺25, ZLY⁺15, ZGB⁺23, ZHJ⁺23, ZPLI23, dONH23, CNQ13, HGBH09, HMB98, KOS09, MPSJ07, PB14, Pom14a, RAKK12, SZV⁺12, Wu09, LLL⁺25b]. **multi-** [KOS09]. **multi-bank** [Wu09]. **Multi-bit** [VILSL23]. **Multi-capacity** [GDTY24]. **Multi-chip** [WDLX21]. **Multi-Core** [CYH19, ETAV18, SBY⁺20, LG23, RAKK12, SZV⁺12]. **Multi-Cores** [RKKH24, SFM⁺19]. **Multi-Cycle** [WZH⁺23, Pom14a]. **multi-engine** [CNQ13]. **Multi-Fidelity** [WFSS20, SCL⁺22]. **Multi-FPGA** [BS14c, LWG⁺23, PY20, LLL⁺25b]. **Multi-Kernel** [WMF⁺25, EKEK22]. **multi-MoC** [MPSJ07]. **Multi-Mode** [JOH17]. **Multi-Objective** [GACK22, KLE18, SFM⁺19, dONH23, EWT23, LFST21, LDYW25, SCL⁺22, ZGB⁺23, PB14]. **multi-phase** [HMB98]. **multi-processor** [HGBH09]. **Multi-Resolution** [ZPLI23]. **Multi-Row** [LFJ25]. **Multi-Scalar** [LZD⁺24]. **Multi-Start** [ZLY⁺15]. **Multi-strategy** [ZHJ⁺23]. **Multi-Stream** [PGD24]. **Multi-Target** [KGS⁺20, PBWB21, PBF⁺22, KR23]. **Multi-Task** [WLW⁺24b, XXC⁺24a, XHL⁺25]. **Multi-tenant** [LLZ⁺25]. **Multi-threaded** [HC17]. **Multi/Many** [SA24b]. **multibank** [WH05]. **Multicast** [WWCT18, XS16, XCF18]. **multichip** [OWH08]. **Multicore** [BM11, CRC15, DFM15, HWX⁺14, JPHL16, KLSZ11, LS11, LHK⁺15, LMA⁺16, QBTM16, SPT⁺17, SAL19, THT12, WDGZ16, XPX⁺21, BHW⁺13, CNQ13, DSH12, HDL⁺12, KP13, LTPT10, Ped11, QM12, SNL12, WTL⁺13]. **Multicycle** [Pom15a, Pom20, Pom13]. **multidimensional** [SBGD13]. **multidomain** [AM10, BMJ13]. **multifunctional** [AM10]. **Multigrid** [LAYZ23]. **Multiharmonic** [WGT⁺17]. **Multilayer** [DLK24, KKHK16, LLLL18]. **Multilevel** [HBPW14, JZYZ15, PJJ14, ZF23, JCS⁺08, SGK08]. **multilevel-cell** [JCS⁺08]. **multimedia** [HKL⁺07, ZHM07, ZHOM08]. **multimetric** [HR06, RGM09]. **Multimode** [SSGS03]. **Multiphysics** [YCZ⁺25]. **multiplane** [AJM13]. **Multiple** [BM11, GYT12, GGB⁺24, GPS⁺24, HA25, KRL15, OKJH22, Pom16b, SA24a, SRC15, WLW⁺24a, WC06, YLZ⁺17, CH96, GM08, JR97, KFH⁺08, LBV⁺06, LLHT12, MRB⁺11, MR05, NdLCR03, PT06, PMB10, RMKP03, RM09, SBGD13, WLT08, WLCJ09, WSEA99]. **multiple-bit** [RM09]. **multiple-choice** [SBGD13]. **multiple-output** [WSEA99]. **multiple-project** [WLT08]. **Multiple-Supply** [BM11]. **Multiple-Transient** [KRL15]. **Multiplexed** [LHC16, LM19]. **Multiplexer** [Pom18a]. **Multiplexing** [LWG⁺23, PY20]. **Multiplication** [GYT12, JDLZ24, LZD⁺24, ZSL⁺25]. **Multiplier** [EKEK22, SMS22, WCX⁺24]. **Multiplier-divider** [EKEK22]. **Multiplierless** [ACFM12, AFM14]. **Multipliers** [CXS⁺23, RMPJ08]. **multiprocessing** [ZM07]. **Multiprocessor** [CHBK15, CWZ⁺25, CH17, JOH17, KFH⁺08, MCdS25, NSH⁺16, APB⁺08, DCK07, DCK09, DCK10, HCLC98, Kan06, MOZ06, WLL⁺11, WG11, ZAJ⁺12]. **Multiprocessors** [HAB⁺17, JGM14, KBV⁺15, PJJ14, IAI⁺09, PTC05, ZYDP08]. **Multirate** [ZABGZ17]. **Multisegment** [ACES25]. **Multistage** [Shi20, LON08]. **multistandard** [CCC⁺09a]. **Multitarget** [SKS⁺18]. **multitasking** [NG06, PW99].

Multiterminal [UPV23, JCGP05, MW97]. **Multithread** [SYHL14]. **Multithreaded** [HPB11]. **Multiversion** [HCL⁺14]. **multivoltage** [CCX06]. **Multiway** [FW00]. **Mutation** [HA25, XGL⁺25]. **mutually** [DK08]. **Mux** [BH22]. **MVP** [LCJ⁺22].

n [RG19, MMX⁺25, PR07]. **N-detection** [PR07]. **NAND** [CWL⁺22, MWS⁺20, PPP⁺15, TTL⁺24, WQC⁺16, WZL⁺21, ZLW⁺15]. **Nano** [Kha23]. **Nanometer** [BFL10, BPTB17, STWX12]. **Nanophotonic** [LKLC22]. **nanoribbon** [YMC⁺13]. **Nanotube** [WSH⁺18]. **NAS** [NGL⁺21]. **Native** [LS22]. **Navigation** [MVK⁺18]. **NBTI** [BDB12, CMP10]. **NBTI-Aware** [CMP10]. **Near** [KCKG13, LCJ⁺22, PRKK21, SHN12]. **Near-Memory** [PRKK21]. **Near-optimal** [KCKG13]. **near/sub** [SHN12]. **near/sub-threshold** [SHN12]. **Nearest** [PSD21]. **Negative** [LHS⁺21]. **Negatives** [AL19]. **Negligible** [EAAK⁺23]. **Neighborhood** [PSD21]. **Neighborhood-aware** [PSD21]. **Nested** [AA17, CL99a]. **Nesterov** [LCC⁺15]. **Net** [Yan19, GAS⁺24, LXCH04, MW97]. **Netlist** [STG⁺25]. **nets** [JCGP05]. **Network** [Ase23, CM20, CHK⁺23, CARH18, DJP21, DNT20, DCC⁺23, EJ22, FLG⁺23, HZL⁺22, HCZ⁺16, HXC⁺18, HC23, KZKAKP23, KLK⁺17, LDD⁺18, LDD⁺19, LW17, LJ22, LJL⁺23, MT15, NHS23, OJC⁺24, PMT20, RDJ25, UMS25, WXH⁺19, WDLX21, XS16, XCF18, XHL⁺25, XLP⁺25, YKCG14, YLY⁺23, YXG⁺24, ZHC⁺21, ZS25, ZYS12, ZBG⁺23, CSC08, CL13, CM08, CXK⁺13, CCL04, GNQ⁺22, HW14, KMC97, LCOM07, LLKY13, LLKC13, OCS07, RFB10, LCG⁺22]. **Network-Based** [Ase23, FLG⁺23, YLY⁺23, ZS25]. **Network-on-Chip** [CM20, LDD⁺18, LW17, PMT20, XS16, XCF18, YKCG14, ZHC⁺21, ZYS12, CSC08, LCOM07, LLKY13, LLKC13]. **Network-on-Chips** [HCZ⁺16, RDJ25, GNQ⁺22]. **Networked** [KC10]. **Networking** [DZK⁺24, ZZF⁺25]. **Networks** [BKW15, BP23, BDBB19, CZW19, CAP⁺23, CLX⁺23, FCZ⁺23, GAT⁺21, GPS⁺24, HWL⁺23b, HLX⁺23, IIEKS23, IHM15, JLJ15, KPB19, LHS20, LDP⁺22, LYL⁺19, LNPL23, LRHL24, MAS⁺20, MNMK⁺21, MPM⁺17, NM23, PSP24, SSK⁺23, SRTG19, UPV23, UE22, XLS15, YMB15, ZFLS11, ZYPC17, ZMP16, BLR06, CXK⁺13, CBR⁺05, GWR13, HVMG13, JP12, JSG09, MD13, MDM07, OM08, RL13, TDE08, VS12a]. **Networks-on-Chip** [BDBB19, IHM15, JLJ15, CXK⁺13, JP12, OM08]. **Networks-on-Chips** [VS12a]. **Neumann** [KT01]. **NeuPow** [NSP⁺20]. **Neural** [Ase23, BP23, DCC⁺23, EJ22, FLG⁺23, FCZ⁺23, GAT⁺21, GPS⁺24, HXZ⁺23, HLX⁺23, HTC⁺23, JYY⁺22, KZKAKP23, LHS20, LDP⁺22, LPLK22, LYL⁺19, LJ22, LJL⁺23, LNPL23, MNMK⁺21, NHS23, NM23, NGL⁺21, OJC⁺24, PSP24, SSK⁺23, UMS25, UPV23, WXH⁺19, WDLX21, XHL⁺25, XLP⁺25, XZW⁺25, YLY⁺23, ZS25, ZBG⁺23]. **NeuroCool** [PSP24]. **Neuromorphic** [BXG⁺24, GT21, LS22, XGC⁺20]. **Neuron** [ZK15]. **Neuron-MOS** [ZK15]. **Newton** [ZCS⁺24]. **Next** [PFHAH22, YD16]. **Next-generation** [PFHAH22]. **NMOS** [RM23b]. **NoC** [ADDM⁺13, CAOM19, CBR⁺22, CXR⁺23, DJP21, HWX⁺14, JBJ22, MHT14, QBTM16, SGJN24, TCL14, SPT⁺17]. **NoC-based** [MHT14, CAOM19, HWX⁺14, QBTM16, CBR⁺22, DJP21]. **NoC-Enabled** [CXR⁺23]. **Noc-HMP** [SPT⁺17]. **NoCs** [AJM13, AL19, CHA⁺23, DLC⁺17, HMMG⁺20, JM14, KPF16, MT15]. **Node** [BDB12, CZW19, PDS12, PMA24, DHZ⁺11,

JSG09, ZHOM08]. **node-centric** [ZHOM08]. **Nodes** [ATF⁺23, BPTB17, LZA⁺21, NSS⁺16]. **noise** [GGBZ02, HR06, HMLL11]. **nominations** [Ano13]. **Non** [AKM⁺22, BDR⁺24, CWZ⁺25, EGK⁺25, EWT23, GLY⁺12, HSP⁺22, HKJ⁺23, LL15, PPC25b, SL18, STJG16, WDLD17, ZYW⁺18, KCKG13]. **Non-Convolution** [EGK⁺25]. **Non-enumerative** [STJG16]. **Non-functional** [EWT23]. **Non-Gaussian** [ZYW⁺18]. **Non-Intrusive** [LL15, SL18]. **Non-Linear** [PPC25b]. **Non-Monte-Carlo** [GLY⁺12]. **non-overlapping** [KCKG13]. **Non-Preemptive** [CWZ⁺25]. **Non-uniform** [HKJ⁺23]. **Non-Volatile** [AKM⁺22, HSP⁺22, WDLD17, BDR⁺24]. **noncomplementary** [RS03]. **Nonfunctional** [HBPW14, RGT⁺14]. **Nonideal** [TWL16, WFT⁺19]. **noniterative** [MCMW08]. **nonlinear** [CCC09b, Con06]. **nonManhattan** [Yan00]. **nonpreemptive** [GDG⁺08]. **nonslicing** [LCC11]. **Nonspecified** [WC10]. **nonstationary** [AHAKP08]. **nonuniform** [VCLD03]. **nonvolatile** [SLXZ12, ZYZ⁺13]. **note** [CSL⁺07]. **Notions** [SGC⁺14]. **Novel** [GD22, KKKH16, LWZ⁺19, LJJ⁺22, LLQD23, MS17, VNS19, DDFR13, SCCH08, Ped06]. **NP** [DK22]. **NP-Separate** [DK22]. **NPU** [LPLK22, RKKH24]. **NPU-Accelerated** [RKKH24]. **NSGA** [SA24b]. **NSGA-II** [SA24b]. **number** [HPK99]. **NVDLA** [LZ24a]. **NVM** [BRCS18, SJ23, SJN24]. **NVMe** [HC18].

O [LC13, SLC⁺22, Wu09, Yan16]. **OAOS** [HGLC16]. **OBDD** [FWCL05]. **Obfuscated** [ISK21, LMS16, RNR⁺21]. **Obfuscation** [AYS20, GDTF17, HYK⁺20, KSD⁺22, MZS24, OK20, RGX⁺24, SLP⁺19, SRP25, SCY25]. **Obfuscation-Based** [GDTF17, HYK⁺20]. **Object** [SJL23, Wol96, HCLC98, Hsi01]. **Object-oriented** [Wol96, HCLC98, Hsi01]. **Objective** [GACK22, KLE18, SA24b, SFM⁺19, dONH23, EWT23, LFST21, LDYW25, PB14, SCL⁺22, ZGB⁺23]. **Observability** [CLMZ10, CM13]. **observability-based** [CM13]. **Observation** [LL15, HW14, Pom13]. **Observing** [DBK⁺18]. **Obstacle** [HLG⁺15, HGLC16, LLLL18, WSRH16, Yan20, LYKW09, SMYH07]. **Obstacle-Avoiding** [HLG⁺15, HGLC16, LLLL18, WSRH16, LYKW09]. **Obstacle-Aware** [Yan20, SMYH07]. **obtain** [MS00]. **Obviating** [PBWB21]. **Occupancy** [ZHC⁺18]. **Octilinear** [HGLC16, Yan08]. **Off** [FG18, BHY⁺24, KSD⁺22, MS23, PDN00, RJL⁺09, WPHL08]. **off-chip** [PDN00]. **Office** [GCL⁺16]. **Offline** [MGR⁺15]. **Offlining** [JPM⁺19]. **Offloading** [LJZ⁺24]. **offs** [FHHG12, PCC09, WVYG99, WGDK07, XPSE12]. **OLED** [LKH19]. **On-Chip** [ALL17, JNS⁺17, JZYZ15, SCK18, SMBT19, ZYPC17, DNT20, LCOM07, PLH⁺24, PDN00, Pom24a, WM24, WDC⁺22, SZS10, ADS⁺09, CCL04, KP13, LH13, NR03, PPDK09, YLP⁺13, ZM07]. **On-Demand** [AAA15]. **On-Device** [ZZW⁺25, TZZH22]. **On-Sensor** [SPZ⁺24]. **On-the-Fly** [VFML23]. **Once** [CHBK15]. **One** [MWK21, XFJ⁺16]. **One-pass** [MWK21]. **Ones** [PB12]. **Online** [BYT22, HLW⁺23, MBD⁺20, TZZH22, ZAJ⁺12, ADDM⁺13, CSAHR07, RAKK12]. **Only** [CHBK15]. **onto** [OKJH22, QLX⁺25, SWT23]. **Op** [AG22]. **Op-Amps** [AG22]. **Opamp** [Shi20]. **OPC** [TZ20]. **OPC-inclusive** [TZ20]. **Open** [EGK⁺24, LRHL24, BCR⁺08, BD05]. **Open-Source** [EGK⁺24, BCR⁺08]. **OpenCL** [TL19, WMF⁺25]. **Operating** [EAAK⁺23, TWL16, TL19, PMB10]. **Operation** [BPTB17, CLMZ10, ENH⁺25, GDTF17,

MACV14, ZSL⁺25, ZHL⁺25, KJR⁺07].
Operation-based [ZSL⁺25]. **Operational** [UMS25]. **Operations** [BC16, EGK⁺25, GSN25, LWZ⁺19, LXWC20, ARLJH06, BG01, HPK99].
Operator [ZS25]. **operators** [BD05].
OPportunistic [SGJN24]. **Opportunities** [ZJL25, VCLD03]. **Opposite** [HCN09].
Opposite-phase [HCN09]. **Optical** [DZ18, VKT25, WM24]. **Optimal** [ABC⁺17, BKW15, BASB01, Cha01, CCX06, CARH18, CH96, FG18, GSS14, HNS23, HWCL13, IIEKS23, KLP⁺24, KNDK96, LCHT02, OWH08, PL98, SCK18, TS96, TPC⁺17, ZW98, BW00, BMJ13, CACS05, CGN96, CH00, DSK01, GH00, KCKG13, LH09, MKW08]. **Optimization** [ACFM12, BDR⁺24, BZWZ17, BHLG19, CZW19, CHG⁺24, CW25, CYH19, CWL⁺22, CK16, DHVW18, DHNR23, DZCD15, EGK⁺24, FXH⁺25, GNPZ25, GLY⁺12, GK07, GPS⁺24, HRC21, HWF⁺23, HLG⁺15, HC23, HLL⁺25, HS19, HKJ⁺23, JBJ22, JZL⁺25, JPHL16, JNCS19, KKK12, KKS16, LFST21, LHC16, LZZSV15, LWG⁺23, LH11, LYCP17, NL24, NM23, PTS⁺20, PPP⁺15, PPC⁺25a, PY20, RKKH24, SA24b, SFM⁺19, SYHL14, SHBD21, SRTG19, SHL⁺19, SCK⁺23, SCL⁺22, TRM⁺16, VILSL23, WHRC12, WFSS20, WTW⁺23, WDC⁺22, WKC12, WSRH16, WDLX21, WLW⁺24b, XJF⁺23, YZS⁺25, ZGB⁺24, ZZW⁺25, ZGB⁺23, ZHJ⁺23, ZJH⁺25, ZZM⁺25, dONH23, BLM00, BDM⁺99, BdM00, BCC08, BDB98, BFP08, BOC00, BGN⁺07, CLLK06, CSC08, CCC09b, CFX09, CJLZ11, Con06, DP02, GG04, GBC07, GDF09, GHW⁺12, HR06, HPK99, HG07, JPCJ06, KJKK03, KLSP11, KCKG13, KSA⁺10, LLHT03, LCG⁺22, LCHT02, LC07, LLLC13, MKBS05].
optimization [MHT14, MKW09, MLG12, OM08, PCD⁺01, PEPP06, RGM09, RJBS09, SB98, SPA⁺03, THL⁺13, VKKR02, VLH04, WGDK07, WLL⁺11, XZC09, GK09].

optimizations [GGDN04, KRS06, SSG12, SC00, ZHTC09].
Optimized [ACF⁺11, BC05, HCRK11, MJB19, VA17b, ZABGZ17, ZYS12, KCA04, SY07].
Optimizer [LDLM20]. **Optimizing** [DCS⁺24, GYT12, KSK⁺05, LPP00, LPLK22, LHC24, LAS01, LXC⁺25a, RBWB20, SYZ08, TTL⁺24, ZLW⁺15].
optimum [Das04]. **OR-based** [ZHJ⁺23].
Oracle [RNR⁺21]. **Oracle-guided** [RNR⁺21]. **Orchestrated** [SAL19].
Orchestration [EW18a]. **Order** [DZCD15, KQP⁺19, LYSO19, SXZV13, ZBPF18, CYZL23]. **Ordered** [DXM⁺25, GDTY24, JD18]. **Ordering** [AJM13, GKM05, LXCH04, MKW08].
organization [PDN97]. **Oriented** [CLC20, RGT⁺14, HCLC98, Hsi00, Hsi01, LHZ⁺06, Sen11, Wol96]. **Orthogonal** [GLY⁺12]. **Oscillator** [CLC⁺24]. **outbreak** [FNP09]. **Outcome** [HFMB20]. **Output** [JM14, LJJ⁺22, WSEA99]. **Outputs** [LHS20]. **Overhead** [AYS20, EAAK⁺23, FHHH22, KLP⁺24, LQD22, PKJK20, WLL⁺11, ZHL⁺25, MHQ07, PMB10].
Overhead-aware [WLL⁺11]. **Overlapping** [KCKG16, YYG⁺16, KCKG13]. **Overlay** [EW18b, LM19]. **Overscaling** [CS22].
Overview [SLP⁺19].

P3 [HK18]. **PACE** [WDW⁺25]. **Pack** [ZHJ⁺23]. **Package** [ENH⁺25, WPL23, BC05, LC13, LCJ⁺10].
packaging [VLH98]. **Packed** [YCL⁺23].
Packet [MS17, RDJ25, VNS19, CL13].
packings [SYZ08]. **Packs** [SKM⁺16]. **pad** [IBMD07]. **padding** [SSP04]. **Page** [AAA15]. **Pair** [DXM⁺25, JD18]. **Pairing** [AAA15]. **Pairwise** [ZLY⁺15]. **Paper** [LWLH24, GK09, QS11]. **Paper-Based** [LWLH24]. **papers** [CH10a, KLSZ09, Ped11].
Paradigm [AVA24, DS05, TYH08].
paradigms [Ped06, PBSV⁺06]. **Parallel**

[Brz24, CHL⁺25, DL11, EBR⁺09, EAP17, FZL⁺23, GDPRG11, JJH21, KLSZ11, KLK⁺17, KMC97, LAYZ23, LB11, Sch17, ZFLS11, ZS16, ZGB⁺24, ZMLH24, ZWD11, CBHK11, CT13, Hsi00, Hsi01, KKJ⁺08, KH10, LM05, LH09, RMPJ08, TW96, ZCG06, KLSZ09]. **parallel-programming** [KKJ⁺08]. **Parallelism** [HC18, DSRV02]. **Parallelization** [LH11, ZLL⁺16]. **parallelizing** [GGDN04]. **Parameter** [HRC21, LDYW25, MAL23, WHF⁺25, ZKS⁺16, ZGB⁺23, ST99]. **Parameterised** [HABS15]. **parameterizable** [BHS11]. **Parameterized** [LTPT10, CT13, TP08]. **Parameters** [BBEM15, BHLG19, KPR06]. **Parametric** [BFG17a, LON08, LCKT12]. **Parasitic** [LZ21, WLLH16]. **Parasitic-Aware** [WLLH16, LZ21]. **Pareto** [NL24, XZW⁺25]. **parity** [RMB10]. **PARR** [XYG⁺16]. **parser** [MLC08]. **Part** [HLZ⁺22]. **ParTBC** [SSN22]. **Partial** [HZJC23, KQP⁺19, MCZ⁺16, ETR07, GDG⁺08, KBN09, KJT04]. **Partially** [DHX⁺23, DHW⁺23, Pom16c, Pom18b, SSC17, LSDV10, YYLL09]. **Particle** [HLG⁺15, FS13]. **Partition** [CHL⁺25, WDL17, ZLL⁺16, CFHM09, WY06]. **partition-based** [CFHM09]. **Partition-Level** [WDL17]. **Partitioned** [WDZG16, FWCL05]. **Partitioning** [CPS16, CXLL22, DHX⁺23, DHW⁺23, KD24, KLP⁺24, LSDV10, LCL⁺24, SS14, SRTG19, TBCH17, TP08, Vah02, AM10, AMO05, CT13, CJLZ11, DCK07, DD02, FW00, GF10, LLKY13, LVL03, MSKBD07, ML09, PDN00, VLH98, Vah99, WH05, YGH⁺10]. **Partitions** [ZS16]. **pass** [BWB14, MWK21]. **pass-fail** [BWB14]. **passing** [DSH12, EY12]. **Passive** [DHB16, EO19]. **Past** [WS22, WLY⁺24]. **Patchability** [LTC25]. **Patchability-Driven** [LTC25]. **Patching** [LTC25]. **Path** [AKAKP18, CV17, FYCT15, KPF16, LVS16, LLLL18, MMM⁺22, MCD12, PSD21, STJG16, TD03, ZHC⁺21, ZBG⁺23, ETR07, LC14, PT06, PMB10, SHLL98, SSP04, XLCL13, Yan08]. **Path-Assessed** [LLLL18]. **Path-Aware** [AKAKP18]. **Path-Driven** [LVS16]. **Pathfinding** [APG24, UPV23]. **Paths** [GC18, XGWL24, BK00, PGB01]. **PATRON** [CGV⁺23]. **Pattern** [BKW15, CCK⁺18, CY24, HWF⁺23, IIEKS23, NPH⁺20, BH03, FNMS01, OKC08]. **pattern-based** [OKC08]. **Patterning** [LZ17, SHL⁺19, XYG⁺16, YLZ⁺17, ZLY⁺15]. **Patterns** [LM21, Pom18b, ZMTC13]. **Pay** [CHBK15]. **Pay-Burst-Only-Once** [CHBK15]. **PBO** [ZGB⁺24]. **PCB** [Yan17]. **PCM** [AAA15, BLNK14, CCH⁺15a, CHC⁺16, HHK⁺17, LYLW17, NK24, PBZM19]. **PCM-Based** [PBZM19, AAA15, CCH⁺15a, NK24]. **PeaCE** [HKL⁺07]. **Peak** [JGM14, PTC⁺15, TPC⁺17, HCN09]. **PeaPaw** [TBCH17]. **Pegged** [IK19]. **Penalty** [JK10]. **Per-Flow** [WZL⁺25]. **per-Task** [LMA⁺16]. **per-word** [RMB10]. **Perception** [LCZ⁺25]. **Performance** [Ali12, AVA24, BDR⁺24, BG01, BDBB19, CCS15, CWL⁺22, DKT⁺16, DBK⁺18, DLC⁺17, DHZL23, DKZ⁺15, EGK⁺25, FG18, GK14, GDD21, HWCL15, Kha23, KYL16, LHS20, LDD⁺18, LMW99, LLL⁺18, LS19, LLM⁺23, LTPR⁺13, LQL⁺24, NRZ⁺18, OJC⁺24, QBTM16, SCKK25, SJN24, SYX12, SPZ⁺24, TWM⁺23, TBCH17, TRM⁺16, TK18, THT12, THC⁺14, UMS25, WY06, WMT⁺16, WYZ⁺25, WLC02, WLCJ09, Yan16, YP10, ZLW⁺15, CL13, CYZL23, DP02, EK97, FLPP09, GDTG07, Giv06, GOC02, GHW⁺12, GWR13, HDL⁺12, LC96, LJV02, LYKW09, LFG⁺09, LV02, NS03, PDN97, RAKK12, SLXZ12, VLH98, WWG08, ZHM07]. **Performance-Aware** [BDBB19]. **Performance-constrained** [BG01, WLCJ09, GOC02].

Performance-Driven

[GDD21, HWCL15, Yan16, GK14, LLM⁺23, WY06, WLC02, EK97].

Performance-Efficient [YP10].

performance/power [ZHM07].

Performance/Thermal [SYX12].

Performance/Thermal-Aware [SYX12].

Period

[HYN15, ZCL⁺25, BDB98, CGN96, PL98].

Periodic

[CHBK15, CWZ⁺25, Pom16c, SBY⁺20].

Permanent [GRS25, JM24].

Perpendicular [RPR⁺21].

Personalization [TZZH22]. **Perspective**

[GNPZ25, KAC⁺23, RJ14, SS14, MOZ06, ZHOM08]. **Perspectives** [YBM⁺21].

Perturbation [LYM⁺20]. **Pharmaceutical**

[YSF⁺18]. **Phase** [BLNK14, IYF⁺21,

JSA18, KSA⁺10, LLP⁺16, LQD22, LG23, CR12, HMB98, HCN09, Kag05, RAKK12].

Phase-adjustable [KSA⁺10].

Phase-aware [LG23]. **Phase-Change**

[LLP⁺16]. **Phenomena** [ADB⁺19].

Physical

[Ase23, BHY⁺24, CXLL22, CO18, HLHT08, JCPL23, LLQD23, LZX⁺24, MYSZ23,

PKC⁺21, PTPB22, SKM⁺16, YD16, ZCL⁺25, GWR13, HMGV13, MLG12, SYL09].

Physically [CSC⁺21]. **Physics** [Y CZ⁺25].

Physics-Informed [Y CZ⁺25]. **Piece**

[WDW⁺25]. **Piece-Wise** [WDW⁺25].

Piecewise [HBPW14]. **PIM**

[CXR⁺23, KLP⁺24, ZCK24]. **PIM-Based**

[ZCK24, KLP⁺24]. **Pin** [GDTY24, XYG⁺16,

Yan20, OWH08, XTW05]. **Pin-Access**

[XYG⁺16]. **Pins** [TFW24]. **Pipeline**

[CRC15, WMF⁺25, RPKC05]. **Pipelined**

[CHBK15, LF12, MED23, MRL⁺20, Hua01, MS08, MD08, NS03, RTNL05, YGH⁺10].

Pipelines [PGD24, HA05]. **Pipelining**

[AA17, KLV15, BG01, BASB01, CACS05, CL99a, HV98]. **Pixel** [DZ24]. **place**

[KCKG13, YWW10, LRHL24]. **Placement**

[ATF⁺23, CW25, DK16, FM24, FZH⁺25,

HWGY16, HWL⁺23a, HWCL15, HKJ⁺23,

JYHY21, JNCS19, KRL15, LLL⁺18,

LNG⁺16, LCC⁺15, LB11, MCZ⁺16, MJB19,

MAL23, NK24, PSD21, SAHF⁺20, TFW24,

TRM⁺16, TTL⁺24, WSH⁺18, WTW⁺23,

WSRH16, WLLH16, WDLX21, YVC14,

ZSY18, AM05, ACT13, CBHK11, CACS05,

CC06, CSX⁺05, EK97, KPSW09, LCK⁺09,

OS03, RS03, SC06, Tes02, TY97, VLH04,

WLC02, WCC03, WLT08, YWK⁺03].

placements [HWCL13]. **Placer**

[AMM⁺18, DKT⁺16, DKT⁺16]. **Placers**

[LRHL24, MAL23]. **Plaintext** [HYK⁺20].

planar [DPNB02]. **Planning**

[DSHD23, XYG⁺16, YYG⁺16, LC13,

LHZ⁺06, MKBS05, SBC08, XTW05]. **PLAs**

[LWH06]. **Plasticine** [EKEK22]. **Platform**

[APD⁺11, FACA25, IGN18, KLP⁺24, LY24,

VGG19, WMF⁺25, FNP09, JCS⁺08, RFB10,

ZHM07, PBSV⁺06]. **Platform-aware**

[VGG19]. **platform-based**

[ZHM07, PBSV⁺06]. **Platforms**

[BS14c, ETAV18, LS11, LMS16, MMR⁺25,

MBD⁺20, RS18, TBCH17, VGG19,

WDZG16, YPCF17, BMJ13, CNQ13, JW08,

LP07, MPDG09]. **Playing** [R JL⁺09]. **PMC**

[CLH12, CCH15b, CH13]. **PMU** [APD⁺11].

POEM [BDR⁺24]. **Point**

[ALL17, BS14a, BFL10, SRC15, WZH⁺23,

WDW⁺25, XNZ⁺15, AM98, BSP⁺23,

CPW04, DPNB02, LCOM07, WG11,

WFT⁺19, YCL⁺23, Yan08]. **point-to-point**

[LCOM07]. **Pointer** [RCW22]. **points**

[PMB10, Pom13, TD03]. **Poisson**

[QSK12, WTW⁺23]. **Polar** [JNS⁺17].

Polarity [ZHJ⁺23, CHH09, LT11]. **Policies**

[DZCD15, Kha12]. **policy** [CXK⁺13].

Polishing [LTW⁺16]. **Polling** [LZZ23].

Polling-Based [LZZ23]. **Pollution**

[DJP21]. **polygon** [LLM01]. **polygons**

[CT13, LM96, TP08]. **Polymerase** [LHC16].

polymorphic [LLYW10]. **polynomial**

[GK07, GK09]. **Polynomials** [GLY⁺12].

Poor [ZLYZ25]. **port** [CL13, SBC08].

port-scalable [SBC08]. **Portable** [HCG⁺24, LCZ⁺08, Rak09]. **Portion** [GD20]. **Pose** [WYZ⁺25, Hsi01]. **Pose-Sensitive** [WYZ⁺25]. **Positioning** [HK18]. **Post** [GDD21, PTS⁺20, VILSL23, WBXJ25]. **Post-clustering** [VILSL23]. **Post-diagnosis** [WBXJ25]. **Post-Processing** [GDD21]. **Post-silicon** [PTS⁺20]. **Postlayout** [CLLK06]. **Postplacement** [CMB07, LCY12, WWG08, XLL⁺16]. **PostRouting** [KO23]. **Postscheduling** [FHHG12]. **postsilicon** [MKK13]. **Power** [ACF⁺11, ALL17, BLM00, BS14b, BM11, BPTB17, Brz24, CMP10, CH10b, CHBK15, CXH⁺16, CAP⁺23, CGV⁺23, CLMZ10, DLC⁺17, DRK⁺25, DNT20, DCC⁺23, FG18, FZL⁺23, GBR07, GCL⁺16, GAT⁺21, GRC25, GSN25, HWDQ22, HPK99, HYN15, HC23, HBBD25, JIR⁺21, JLK15, Kha23, KKHK16, LG18, LKM04, LYHL14, LAYZ23, LSZ⁺24, LLK⁺14, LHJ12, LHK⁺15, LKH19, LS17, LNPL23, MAS16, MKW09, MN17, NPH⁺20, NDA⁺23, NSP⁺20, PJJ14, Ped96, PTC⁺15, RM23a, SCK18, SC00, SBC08, SYHL14, SCS10, SP24, SESN15, SPZ⁺24, TWL16, TRM⁺16, TMDF10, TCL14, VNS19, WVYG99, WGT⁺17, WZH⁺23, WC10, WSRH16, WLW⁺24b, XXC⁺24a, XLS15, ZFLS11, ZK15, ZS16, ZMTC13, ZF23, AHAKP08, BDM⁺99, BdM00, BD00, BMJ13, BBD00, CS07, CH10a, CM08, CIB01, CCX06, CCW08, CHHL96, CCC09b, CJLZ11, CLQ12, DS06, DTC⁺09, ETR07, GOC02, GDF09, GF10, GS13, HR06]. **power** [HLCH07, HLHT08, HTCP13, JWL⁺03, KBN09, KP22, KKH⁺02, KOS09, KC13, KHW06, KYN⁺12, LMB⁺12, LLHT03, LYCP13, LHW⁺17, LBV⁺06, LHW97, MKK13, MRC06, MKW08, MLG12, MFS09, ML09, NT05, PPDK09, Pom14b, PWY05, PR96, RFB10, RTNL05, SMS22, STL⁺13, SUC01, SPMS02, SNL12, SZV⁺12, TKVN07, TJ99, THC⁺14, WJY⁺07, YHL⁺11, YGZ04, YLL06, YHL07, YHH09, ZHM07, ZLL13, ZYDP08, ZP08, ZYP09]. **Power-Aware** [LHK⁺15, CGV⁺23, SBC08, SNL12]. **Power-delay** [MKW09, SC00, WVYG99]. **power-density** [ZYP09]. **Power-Efficient** [JLK15, SZV⁺12]. **Power-Gating** [KKHK16, YHL07]. **Power-On** [WZH⁺23]. **power-optimal** [MKW08]. **Power-safe** [ZMTC13]. **power-transmission** [KC13]. **Power/Ground** [HC23, LHJ12]. **Power/Thermal** [ZF23]. **Powered** [TCW⁺25, XHW⁺25, XPZ⁺18, CSAHR07]. **Powerful** [LTYW12, MB04]. **PowerPC** [WAZ98]. **PPA** [LS23, MAL23]. **Practical** [CPK20, Pie16, UPV23, VJBC07]. **Practice** [MDM⁺12, RGX⁺24, SCS10]. **Pragma** [PPC25b]. **PRAM** [KYL16]. **PREASC** [GD20]. **precedence** [ZAZ13]. **Precise** [Ali12, RCW22, ZZ24]. **Precision** [EJR22, HLX⁺23, YCL⁺23]. **Precision-reconfigurable** [EJR22]. **predefined** [PSK08]. **Predict** [KO23]. **Predictability** [NSCM17]. **Predictable** [VGG19, WLZ⁺19, HGBH09]. **Predicting** [LHS20, SCKK25, XXC⁺24a]. **Prediction** [CS07, CBC22, DNT20, DCC⁺23, DKZ⁺15, FG18, HWX⁺14, JS25, JGM14, LLL⁺24, LLL⁺25c, LPY⁺20, LNPL23, MXO⁺25, PBL⁺17, SAHF⁺20, WLW⁺24a, XHL⁺25, XXC⁺24b, YB23, CR12, OM08, SYL09]. **prediction-based** [OM08]. **Predictive** [AVG19, HW00, TKVN07]. **Preemptive** [CWZ⁺25, IHM15, SSC17, GDG⁺08]. **Preface** [YD16]. **Preferred** [Pom18a]. **Prefetching** [DJP21, LV02, PSP24]. **Prefix** [Brz24, LH09, ZCG06]. **Preparation** [PGCB16, PBWB21, PBF⁺22, RCK⁺15, SKS⁺18]. **prescribed** [DSRV02]. **Presence** [EKS⁺14, SA24a, MCMW08]. **Present** [WLY⁺24]. **Preserving** [HK18, HTC⁺23]. **Pressure** [JS25]. **Prevent** [WSS⁺18]. **Preventing** [YCL⁺20]. **Previewer**

[HFMB20]. **Primal** [TC24]. **Primary** [Pom16a, Pom21b]. **Primitive** [MMM⁺22]. **Principle** [CHBK15]. **Principles** [SBY⁺20, Ped96]. **Print** [DZCD15]. **Printed** [GDTF17, OW06]. **Priority** [IHM15, KPF16, LMS16, WDG16, MHQ07]. **Priority-Aware** [KPF16]. **Priority-Preemptive** [IHM15]. **PriorMSM** [LZD⁺24]. **Privacy** [GT25, HTC⁺23, HK18]. **Privacy-preserving** [HTC⁺23]. **Proactive** [KBV⁺15]. **Probabilistic** [APS18, CKAP07, CB17, GQW19, KW16, KVMH08, BLR06, FZKS11]. **Probe** [Kha12, BC05]. **Probe-Wear** [Kha12]. **Problem** [Ase23, DPNB02, DS06, FNMS01, LVL03, NR01, PDN00, SW99, YWW10]. **Problem-tailored** [Ase23]. **Problems** [LZX⁺24, SB98, WGDK07]. **Procedure** [Vah99]. **Process** [AKAKP18, BHY⁺24, BHLG19, GC18, LWZ⁺19, LFJ25, RJ14, TWM⁺23, VEO16, CS07, GM08, KTKO13, KPR06, LG12, LH13, LTPR⁺13]. **Process-in-memory** [LWZ⁺19]. **processes** [JB98]. **Processing** [BM11, GFJ16, GDD21, GRC25, HXB⁺22, LCJ⁺22, LYL⁺19, LS22, MFHP12, OJC⁺24, PRKK21, WDD⁺23, ZCK24, HMGV13, JSG09, LPP00, NM13, TYH08, ZHOM08]. **Processing-In-Memory** [WDD⁺23, OJC⁺24]. **Processing-Near-Memory** [LCJ⁺22]. **Processor** [HKL⁺15, ISE08, LHLP16, LYHL14, LF12, NSH⁺16, NRZ⁺18, OHA19, SPT⁺17, VLGG01, DHZ⁺11, GG04, Giv06, HGBH09, KBA08, LMB⁺12, OCSR07, PDN97, PDN00, RFB10, SGD10, WKR09]. **processor-based** [PDN00]. **Processors** [ASPP24, CRC15, JZY15, KAKSP16, KKK⁺17, KLJ14, LPD⁺17, LHF12, OKJH22, TY19, BH10, CL99a, CPW04, Edw03, Hua01, KJR⁺07, LJV02, LCD07, LB00, MD08, PHM00, RAKK12, SR12, TKVN07, LSV06]. **product** [DK08]. **Production** [DYP⁺25, PBWB21, PKP⁺03]. **profile** [ZSZ10]. **Profiling** [KLP⁺24, SMBT19, THC⁺14]. **Profiling-Based** [SMBT19]. **Program** [HKL⁺15, SCKK25, BGN⁺07, RAKK12, WWC04]. **Programmable** [CLC⁺24, GHYR19, HHX⁺23, KP22, WCZ⁺24, WSS⁺18, ZK15, CH02, CD96, LSPC14, MSD06, PTC05, PWY05, WV02]. **Programmers** [SYGC22]. **Programming** [CGV⁺23, DCS⁺24, ETAV18, KLSZ11, PPC25b, TFW24, TZ17, WLZ⁺19, ADDM⁺13, GH00, KLSZ09, KKK⁺08, TP08, WJYZ11]. **programming-based** [ADDM⁺13]. **Programs** [PMS15, SYHL14, XGL⁺25, EY12, Vah02, YWGI09]. **Progressive** [KC10, SRP25]. **project** [WLT08]. **projective** [DL11]. **Prolonging** [AAA15]. **Proof** [CCMC20, IPWW17]. **Proof-Carrying** [IPWW17]. **Propagation** [AL19, MCD12, ZLYZ25, KPR06, RCD07, YH97]. **Properties** [CVMP19, HBPW14, RGT⁺14, WFT⁺19, BDC08, BH03, BFP08, BZ08]. **property** [KHP05]. **Prospect** [WLY⁺24]. **Protect** [MLH⁺17]. **protected** [LSDV10, RMB10]. **Protecting** [DFM15, GSFT16, YBS⁺18]. **Protection** [GDTF17, LSZ⁺24, PLH⁺24, SLP⁺19, KHP05]. **PROTECTS** [SRP25]. **ProtFe** [LSZ⁺24]. **Protocol** [LXGM23, ADS⁺09, BGM04, DP04]. **Protocols** [LLZ⁺25]. **prototype** [APB⁺08]. **Prototyping** [ARLJH06, ORGD⁺15, JDT⁺08]. **Provably** [ADS⁺09, Das09, YWK⁺03]. **Provide** [KKLG15]. **Providing** [HC18]. **Proximity** [DZ18]. **Pruning** [GYZ⁺22, MNMK⁺21, OJC⁺24, ZZW⁺25, ZBG⁺23, DHV⁺00]. **Pruning-enabled** [OJC⁺24]. **PSCaps** [WYZ⁺25]. **PSCMark** [DRK⁺25]. **Pseudo** [KD24, MAL23, PKC⁺21]. **Pseudo-** [MAL23, PKC⁺21]. **Pseudo-Partitioning** [KD24]. **PSL** [BZ08]. **PSS** [DSHD23]. **PTA** [XJF⁺23]. **PTM** [LLH⁺17]. **PUF**

[CCMC20, CLC⁺24, IK19, LLQD23, MMM⁺22, NSCM17]. **PUFs** [HRK18, WLC⁺24]. **Pulse** [HWL⁺23a, LQD22]. **Push** [KMO⁺12]. **PV** [DZ18]. **PV-Aware** [DZ18]. **PVT** [AVA24, PPDK09]. **PVT-aware** [AVA24]. **PWM** [TWL16, WGT⁺17].

QoS [LYLW17, RKKH24]. **QoS-Constrained** [RKKH24]. **quad** [LBV⁺06]. **quad-core** [LBV⁺06]. **Quadratic** [AL19]. **Quadruple** [JIR⁺21]. **QuadSeal** [JIR⁺21]. **Quality** [BZWZ17, JSS⁺19, LKH19, LPY⁺20, LIK22, Pom19b, BHW⁺13, LRHL24, XPSE12]. **Quality-Assured** [JSS⁺19]. **Quality-Enhanced** [LKH19]. **QuanDA** [NHS23]. **Quantifying** [SGC⁺14, YRH11]. **Quantitative** [NHS23, LCOM07]. **Quantization** [GYT12, HWDQ22, HJY23, HLX⁺23, LDP⁺22, ZZ24]. **Quantization/Mapping** [HJY23]. **Quantized** [ZLYZ25]. **Quantum** [CY24, CHF25, HZL⁺22, LSZ⁺21, TC24, ZFL22]. **Quantum-error-corrected** [TC24]. **Quenching** [HWL⁺23a]. **Queues** [WZL⁺25]. **Queueing** [SSL17, ZZF⁺25].

Race [BK10, HN07]. **Radio** [JDT⁺08, JSG09]. **Radix** [BS14a]. **RAG** [LXC⁺25b, STG⁺25, XHW⁺25]. **RAG-Powered** [XHW⁺25]. **RAID** [SLC⁺22]. **RAID-enabled** [SLC⁺22]. **Rail** [LQD22, VEO16]. **RAM** [AKM⁺22, LSL⁺13, SABSA15]. **ramp** [KM97]. **Random** [BZWZ17, BS14b, RPR⁺21, ZGB⁺23, JT98, KPR06, SXZV13, SNL12]. **Range** [LDP⁺22, MS17, CL13, LSPC14]. **Rank** [SYH⁺22, XZW⁺25]. **Rank-DSE** [XZW⁺25]. **Rapid** [EW18b, ORGD⁺15]. **Rare** [ZKS⁺16]. **Rare-Event** [ZKS⁺16]. **RASCv2** [BSP⁺22]. **Rate** [CJKK19, HDZ⁺20, LD17, MDG98, PB12, PHKW12, TY97]. **rates** [ACT13]. **Ratio** [HKJ⁺23, WLLH16, Das04]. **RC** [KM97, VEO16]. **RDL** [Yan11]. **re** [GAS⁺24]. **re-route** [GAS⁺24]. **Reachable** [XLNB17]. **React** [ADB⁺19]. **Reaction** [LHC16]. **Reactive** [WLZ⁺19, ZABGZ17, PSL⁺98]. **Read** [DSM25, DHZL23, GSN25, JSA18, LHS⁺21, PPP⁺15, WHXZ13]. **Readable** [BHBS22]. **Real** [APSMMD25, CHBK15, CBC22, CH17, DZK⁺24, FG18, FHHR21, GYZ⁺22, HXC⁺18, JS25, KPF16, LSCK20, LQL⁺24, NSH⁺16, NRM⁺24, PKJK20, PSNC18, SSC17, SBY⁺20, SLV⁺22, SWT23, WLZ⁺19, WDZG16, WJG⁺19, YRH11, ZLW⁺15, APB⁺08, DRG98, HMVG13, MHQ07, PEPP06, PW99, WLL⁺11, ZAZ13]. **Real-Time** [APSMMD25, CHBK15, CBC22, CH17, FG18, GYZ⁺22, HXC⁺18, KPF16, LSCK20, LQL⁺24, NSH⁺16, NRM⁺24, PSNC18, SSC17, SBY⁺20, SLV⁺22, WLZ⁺19, WDZG16, WJG⁺19, YRH11, ZLW⁺15, DZK⁺24, FHHR21, JS25, SWT23, APB⁺08, DRG98, HMVG13, MHQ07, PEPP06, PW99, WLL⁺11, ZAZ13]. **realistic** [MFS09]. **Reality** [XLNB17]. **Realization** [ACFM12, CHHL96]. **Realizing** [DMR24]. **reallocation** [ZYP09]. **realtime** [HG07]. **Reassignment** [Yan20, Yan08]. **ReChannel** [RHA08]. **Recognition** [GFJ16, RG19, SJL23]. **recompilation** [GF10]. **Reconfigurable** [ADB⁺19, AVG19, BKW15, CPS16, CM20, DHX⁺23, DHW⁺23, EK16, JDLZ24, JPHL16, LPL⁺21, MS21, MLC08, MRL⁺19, ORGD⁺15, RM23a, SSC17, SVK17, UE22, ZLQ15, ZHL⁺25, ZMS⁺19, ARLJH06, EJR22, GDG⁺08, HBC⁺08, HW14, JBC⁺10, KKMB02, KLSP11, LCK⁺09, RHA08, WKR09, WLC02, YLP⁺13, YGH⁺10, YYLL09]. **Reconfiguration** [CAOM19, MCZ⁺16]. **reconfigurations** [RCG⁺08]. **reconnections** [WC06]. **reconstruction** [Yan08]. **Recover** [BFV15].

Recovering [JCK⁺18]. **Recovery** [NSS⁺16, WL12, ZAZ13]. **Rectangle** [Yan18]. **rectangular** [DSK01, Meh98]. **Rectilinear** [GC96, LLLL18, WCC03, LYKW09, MHD⁺04, MS00, OWH08]. **Recurrent** [HLW⁺23]. **recursive** [LC96]. **Recycling** [TCW20]. **Red** [RGX⁺24]. **Redaction** [CBT⁺25]. **Reduce** [CIX15, JK10, Pom16c]. **Reduced** [PAV17, Pom24a, AMM⁺06, SBH⁺06]. **reducible** [BC11]. **Reducing** [ASAP17, BFG⁺19, BWB14, CJKK19, DJP21, HH09, Kan06, KLJ14, LYCP13, PR11, SYHL14, KTKO13, MB04, PGB01, TKVN07]. **Reduction** [ABC⁺17, BDB12, FLWW02, PTC⁺15, PS23, Shi20, WB16, WDL17, WH19, WLH20, CFHM09, CCW08, DK08, ETR07, GF10, HLHT08, KYN⁺12, LCC11, LLHT12, LCJ⁺10, NT05, RMKP03, SY07, SBH⁺06, SPMS02, TY97, WVYG99, YHL⁺11, YWK⁺03, YLL06]. **Redundancy** [CJKK19, JLK15, CMNQ08]. **Redundant** [KMO⁺12, SHL⁺19, PGB01]. **Reed** [ZHJ⁺23, ZHL⁺25]. **reference** [AOC02, SM00]. **Refinement** [SWM24, TFW24, WBXJ25, CLM⁺10, GGB97, MS08, MOZ06]. **refit** [DVA02]. **Refresh** [CJKK19, LSL⁺13]. **Region** [BZWZ17, ZCS⁺24, ZGB⁺23]. **Regions** [JCK⁺18]. **Register** [GF10, HWCL15, LHF12, LQD22, MHF96, TLCF16, WKL⁺18, WJM24, XLL⁺16, CACS05, CFX09, HCN09, KI01, KNDK96, LWK11, VKKR02, ZYP09]. **register-file** [CFX09]. **Register-Transfer** [WJM24]. **Registers** [PBH⁺24, CL99a]. **Regression** [BBD00, GD20, MXO⁺25]. **Regression-based** [BBD00]. **Regular** [XYG⁺16, CH13]. **Regularity** [FZH⁺25]. **regulation** [ZLL13]. **Reinforced** [MAL23]. **Reinforcement** [FXH⁺25, JBJ22, LJZ⁺24, LCZ⁺25, LCZ⁺24, NL24, PJJ14, QZZW24, SKR⁺22, WDLX21, XGWL24, GAS⁺24, STL⁺13]. **Related** [dONH23]. **Relaxation** [LGGJ14, PY20, ZBG⁺23]. **Relaxation-Based** [PY20]. **Release** [SZB17, YP10]. **Reliability** [APS18, BHY⁺24, CSC⁺21, CET16, CCK⁺18, CXLL22, GPS⁺24, KMO⁺12, LHJ12, NWA⁺24, PPP⁺15, RMB10, TK18, WXH⁺19, XLY⁺18, ZJH⁺25, GS13, JS13, KVMH08, LH13, ZAZ13]. **Reliability-Aware** [BHY⁺24, CET16]. **Reliability-Driven** [LHJ12]. **Reliable** [BJX15, DMR24, GC18, GSN25, JPCJ06, MACV14, OJC⁺24, WZL⁺21, XCF18, XNZ⁺15]. **Relocation** [HWF⁺23, LLLC13]. **Remote** [BSP⁺22, CRT19, KOO18, KC10]. **Removal** [MZS24, MGR⁺15, CMNQ08]. **reorder** [WPHL08]. **Reordering** [WC10, GFC⁺09, Hua01, PR96]. **Reorganizing** [JCK⁺18]. **Repair** [CJKK19, KMO⁺12, PSNC18, MRMP08, NR03]. **Repairable** [KMO⁺12]. **repeating** [LWC07]. **Replacement** [CZW19, JCK⁺18, CCW08]. **Replay** [YXG⁺24, ZLQ15, EY12]. **Replication** [DFM15]. **Representation** [HZL⁺22, MCdS25, MGC24, CCQ98, YYC09]. **Representations** [KQP⁺19, YCCG03]. **Representative** [FYCT15, PKJK20, XHY⁺25]. **Reprogramming** [ANS⁺20]. **Request** [AL19, Wu09]. **Requests** [CIX15, AHAKP08]. **Requirement** [XLY⁺18, KCA04]. **Requirements** [EWT23, Pie16, SL18, Meh98, MB04]. **ReRAM** [BP23, HXZ⁺23, LJJ⁺22, LHC24, OJC⁺24, XLP⁺25]. **ReRAM-based** [HXZ⁺23, LJJ⁺22, LHC24, OJC⁺24, XLP⁺25]. **ReSC** [YFT18]. **rescheduling** [GK14]. **Rescuing** [HXZ⁺23]. **Research** [BRCS18, MNT⁺25, MRL⁺19, PZC⁺25, XFJ⁺16]. **reseeding** [KJT04]. **Reservation** [HC18]. **Reserved** [KKLG15]. **reset** [SPA⁺03]. **Reshaping** [TZZH22]. **Residential** [VA17a]. **Residue** [MGR⁺15]. **Resilience** [GD20, GRC25, LWC18].

Resilient [BJX15, BC16, CRC15, KKLP15, SMS22, WFW⁺25]. **Resistance** [CYLC24, KYL16]. **Resistant** [Kha12]. **Resister** [WFW⁺25]. **Resistive** [CYLC24, EBR⁺09, LWZ⁺19, TLCF16, WFT⁺19, XNZ⁺15, LLQ⁺03, SKCM06]. **Resolution** [LQL⁺24, ZPLI23]. **resolving** [Das09]. **Resource** [CET16, CS22, DK08, FS13, HC17, KK14, LZY⁺23, LZ24b, LCZ⁺25, LF12, MBD⁺20, PBF⁺22, QLX⁺25, TCL14, WG11, WLH20, WGS16, BDB98, CFX09, HLN07, Kuc03, LSDV10, MKK13, MJM11, NR01, WGD07, YWW10, ZHOM08, KMR18]. **Resource-aware** [FS13, LZ24b]. **Resource-Constrained** [PBF⁺22, QLX⁺25, WG11, WLH20, LSDV10, NR01, ZHOM08]. **Resources** [DHW⁺23, JNS⁺17, PGB01]. **Response** [CH17, KS23, PMS15, SSO16, ZCL⁺25, DC07, SCJ01]. **Responses** [WLW⁺24a, XCW12]. **Responsiveness** [SLC⁺22]. **Restore** [ZZCY17]. **Restricted** [HSR⁺24, KD24]. **results** [AYM05]. **Resynthesis** [WPR⁺19]. **Retargetable** [PHM00, AMR00, KKJ⁺08, VLG01]. **Retargeting** [DZ18, IIEKS23, WJYZ11]. **Retention** [CJJK19, TTL⁺24]. **Rethinking** [PZY⁺25]. **reticle** [WLT08]. **Retiming** [BOC00, HMB98, HLHT08, SSP04, Zho08]. **Retiming-based** [BOC00]. **Retracing** [LLLL18]. **Retrain** [ZBG⁺23]. **Retrain-Free** [ZBG⁺23]. **Reuse** [AC06, BFP08, CSO22, LDLM20, NAK20, OHA19, IBMD07, LSPC14, RSR01, VCLD03]. **Reuse-based** [OHA19]. **Reusing** [CCL04]. **Revealing** [CM19]. **Reverse** [AYS20, CM18, GDTF17, WSS⁺18]. **Reversible** [HDB22, PS23, MDM07]. **Review** [IE12]. **revisited** [RS98, SDP⁺09]. **Revisiting** [GWR13, PBL⁺25, ZSY18]. **Revitalized** [PCT⁺17]. **Rewarding** [TEK18]. **Rewiring** [LTYW12, CMB07]. **Rewriting** [PZY⁺25, ZS25, ARLJH06]. **rewriting-logic** [ARLJH06]. **RF** [BBEM15, HCZ⁺16, LYSO19, LZ21, PTS⁺20, SA24b]. **RF-Interconnect** [HCZ⁺16]. **RF/Analog** [LYSO19]. **RFID** [DTC⁺09, YFT18, YBS⁺18]. **RFID-Enabled** [YFT18]. **RGMU** [JDLZ24]. **rhythms** [GS13]. **rich** [SHBD21]. **right** [MR96]. **Ring** [CLC⁺24, GK07, GK09]. **rip** [GAS⁺24]. **Ripple** [HWGY16]. **rISAs** [SBH⁺06]. **RISC** [BSZ⁺24, HV98, YCL⁺23, ZBPF18]. **RISC-V** [BSZ⁺24, YCL⁺23]. **Risk** [GLM⁺25, DS05]. **Risks** [MCY23]. **river** [ZW98]. **RL** [NT05, XGWL24]. **RL-Huffman** [NT05]. **RLC** [MN17]. **RM-TB** [WLW⁺24b]. **RO** [PBH⁺24]. **RO-driven** [PBH⁺24]. **Robust** [ATF⁺23, BJX15, BP23, CZZYW21, CY24, DZ18, GCZ⁺15, MCD12, PBWB21, STGR15, TLCF16, ZK15, ZHC⁺23, ZCS⁺24, CLYP09, ST99]. **Robustness** [BHLG19]. **Role** [CK19]. **Root** [PLC24]. **Root-Cause** [PLC24]. **rotary** [TDF⁺09]. **Routability** [AMM⁺18, HWGY16, HC23, HKJ⁺23, SAHF⁺20, THL⁺13, ZSY18, CLYP09, HSA⁺04, SYZ08, WSV⁺14, YCHT00]. **Routability-Driven** [AMM⁺18, HWGY16, ZSY18, HC23]. **Routable** [LCYN18]. **Route** [CJKS24, GAS⁺24]. **Router** [PMT20, TCL14, XS16, CLYP09, JCGP05, MLC08, TDF⁺09, wATkK02, GDTY24]. **Routers** [JM14]. **Routing** [ATF⁺23, CLC20, DXM⁺25, DLK24, GDTY24, GdRJM21, GKM05, JD18, LLL⁺25b, LHJ12, LLLL18, LWG⁺23, LXC⁺25a, LKC⁺18, MAS⁺20, MCZ⁺16, RGM15, RBWB20, SGJN24, TZ17, TZ20, WLLH16, WPL23, XYG⁺16, Yan18, Yan19, Yan20, ZHC⁺21, ZPLI23, CZW00, CKKT98, DSKB04, DVA02, GAS⁺24, GMN⁺13, LLKC13, LCC11, LCJ⁺10, MW97, OW06, OWH08, RL13, SMYH07, Yan00, YW09, Yan11, YMC⁺13, YCHT00, ZW98, ZHTC09].

Routing-aware [GKM05]. **Routing-Based** [LLLL18, LWG⁺23]. **Row** [FM24, LFJ25, SAL19, HNS23, LC13]. **row-based** [LC13]. **Row-Buffer** [SAL19]. **RRAM** [LXWC20]. **RRAM-based** [LXWC20]. **RSMT** [TFW24]. **RSMTs** [DLK24]. **RSPP** [KD24]. **RTGC** [ZLW⁺15]. **RTL** [AAKT⁺25, SRP25, BK00, BBD00, BFP08, BFV15, Fuj05, GS00, HA25, ISK21, LZY⁺23, LCP⁺25, LV14, PGB01, PSK08, PIK20, WLM21, XK97]. **RTMF** [LLL⁺25b]. **Rule** [FOM⁺25, GdRJM21, KMO⁺12, MS17, VNS19, XHY⁺25, ZZL⁺23, RS98]. **Run** [DP02, KS23, HMLL11]. **Run-time** [DP02, KS23, HMLL11]. **Runtime** [BHW⁺13, LL15, LPL⁺21, NRZ⁺18, VTC20, WXH⁺19, WDW⁺25, ADDM⁺13, GFC⁺09, GDG⁺08, HW14, RCG⁺08, SKS12, WJY⁺07, YGH⁺10]. **runtime-reconfigurable** [GDG⁺08].

Saber [CYZL23]. **safe** [ZMTC13]. **SafeTI** [FACA25]. **Safety** [MN17, XLY⁺18, dONH23, MS08]. **Safety-Related** [dONH23]. **Salsa20** [MAS16]. **Sample** [PGCB16, PBWB21, PBF⁺22, ZKS⁺16]. **Sampling** [WTR12, XHY⁺25, ZYW⁺18]. **SAT** [CLM⁺10, Che18, CYV⁺14, DP02, IIEKS23, MZS24, RCD07, SGK08]. **SAT-based** [CLM⁺10, IIEKS23, SGK08]. **SAT-Hard** [MZS24]. **Satisfiability** [BR12, GMSSS02, OK20, PG15, GPK⁺09, HSA⁺04]. **satisfying** [QS09]. **saturation** [CCL03]. **Saving** [RM23a, HW00]. **Savings** [LKH19]. **Scalable** [AA17, CHL⁺25, HTC⁺25, KLK⁺17, LAYZ23, PJI14, SS24, SESN15, SKM⁺16, ZF23, HG07, KCKG13, SBC08, SBGD13, WSV⁺14]. **Scalable-Throughput** [SESN15]. **Scalar** [LZD⁺24]. **Scale** [DNT20, HC17, LYL⁺19, YVC14, ZHC⁺21, CGS⁺24, CSX⁺05, GNQ⁺22, HCK13, WTW⁺23, WLW⁺24b, ZGB⁺24, KBA08]. **Scaled** [PHKW12]. **Scaling** [GC18, HC17, HHL14, LCP⁺25, LV14, WGS16, IAI⁺09, KSA⁺10, ML09].

Scaling-Aware [HC17]. **Scan** [BKW15, KMO⁺12, LWC07, LWK11, PSD21, Pom16b, Pom16c, Pom17b, Pom25b, RNR⁺21, WC10, WWW⁺12, XCW12, DDFR13, GKM05, KBN09, NT05, PR09, PR11, RMKP03, SSGS03, TYH08, WPHL08]. **Scan-based** [LWK11, KBN09, PR09]. **Scan-BIST** [LWC07]. **Scan-Cell** [WC10]. **Scan-In** [Pom16c]. **Scan-Shift** [WC10]. **scanline** [CT13]. **Scenario** [BLUS19, DCK09, EK16, HLZ⁺22, KW16, SWT23, SWT24, GPH⁺09]. **Scenario-Aware** [BLUS19, KW16, SWT23]. **Scenario-Based** [SWT24, DCK09]. **Scenarios** [NRZ⁺18, SPG⁺08]. **Schedulability** [GDG⁺08]. **Schedule** [SGC⁺14]. **Scheduler** [NSH⁺16, SRKS23, YWF⁺24, JP08]. **Schedules** [GDD21, DSRV02, LC96]. **Scheduling** [ABC⁺17, APSMMD25, BB17, BDBB19, CACS05, CHG⁺24, CWZ⁺25, CIX15, DYP⁺25, DZK⁺24, DCS⁺24, DHX⁺23, DHW⁺23, ENP20, JOH17, KPB19, LZ24a, LHW97, MAS⁺20, NRM⁺24, OKJH22, PMS15, PGD24, SSC17, SLC⁺22, SAL19, SZB17, WCB15, WDZG16, WWCT18, WJG⁺19, XPX⁺21, CLM⁺10, CJLZ11, DS05, DHV⁺00, GBC07, HN07, JR97, KW02, Kuc03, LLHT03, MKBS05, MJM11, MHQ07, MR05, MWG97, NR01, PGGD23, RCG⁺08, SXX⁺06, TC98, WH05, WGDK07, YWW10, YGH⁺10, YYLL09]. **schematic** [KG09]. **Scheme** [BM11, CWL⁺22, HDB22, JDD20, KKL15, KLK⁺17, LTYW12, LJZ⁺24, WHRC12, WH20, XS16, HCK13, KSA⁺10, XLCL13]. **Schemes** [GYZ⁺22, MGR⁺15, CSC08, KCKG13]. **Scoping** [dONH23]. **Score** [XLL⁺16]. **scratch** [IBMD07]. **scratch-pad** [IBMD07]. **Scratchpad** [CPS16, DFM15, BD14]. **Screening** [WBXJ25]. **Script**

[ZZL⁺23, NPH⁺20]. **Scrubbing** [SVK17]. **SDF** [OKJH22]. **SDF/L** [OKJH22]. **Search** [FZL⁺23, JYY⁺22, LPLK22, NDA⁺23, Pom24b, RFG20, VCLD03, ZFL22, CMB07, DVA02, YWW10]. **search-based** [DVA02]. **Search-space** [RFG20]. **Searching** [DK16, SYZ08]. **Secret** [LDX22]. **Section** [BMdG17, CCY22, CO18, JCPL23, KLSZ11, PFHAH22, YD16, CH10a, CLQ12, HJ08, JW08, KLSZ09, MD13, RBA⁺12]. **Secure** [BHK17, ENH⁺25, GSN25, LSZ⁺24, LSCK20, YCL⁺20, HBC⁺08, ISE08, HRK18]. **SecureTVM** [HTC⁺23]. **Securing** [RDJ25]. **Security** [CM20, CPK20, CYLC24, GQW19, GLD⁺22, HMO⁺14, KAC⁺23, KSD⁺22, LHLP16, LZZSV15, LQD22, LZX⁺24, LMS16, MMM⁺22, MAS⁺20, MCY23, MPM⁺17, NSCM17, NWA⁺24, RNR⁺21, RGX⁺24, SLP⁺19, TK18, WM24, WLM21, YSF⁺18, YBM⁺21, DP04, IAI⁺09]. **Security-Aware** [KAC⁺23, LZZSV15, LMS16, MAS⁺20, NWA⁺24]. **SEDONUT** [PMA24]. **Seeds** [Pom17a, Pom24a]. **Segment** [WL12]. **Segment-Based** [WL12]. **Segmentation** [LCG⁺22]. **Segmented** [HSA⁺04, JWL⁺03, YCHT00]. **Select** [Pom18a, SP24]. **Selection** [AKAKP18, CXS⁺23, CV17, FYCT15, GC18, JM14, KPF16, STJG16, ZKS⁺16, CGN96, CCC09b, LB00, PMB10, VLGG01, XLCL13]. **Selective** [HTC⁺23, HKJ⁺23, Mut09, NRDB19, LCT03, WY06]. **selectively** [BD00]. **selectively-clocked** [BD00]. **Self** [CRT19, EO19, IYF⁺21, LW21, LFJ25, PIK20, SS24, SBB⁺18, SJ23, SHL⁺19, WCB15, WZH⁺23, XYG⁺16, SEN05, SZV⁺12]. **Self-Aligned** [LFJ25, SHL⁺19, XYG⁺16]. **Self-Assembly** [LFJ25]. **Self-healing** [SS24]. **Self-Measurement** [CRT19]. **Self-Similarity** [PIK20]. **Self-Test** [EO19, SBB⁺18, WCB15, WZH⁺23, IYF⁺21]. **Self-Testable** [LW21]. **self-testing** [SEN05]. **self-tuning** [SZV⁺12]. **Semantic** [Pie16]. **Semantics** [KC98]. **Semi** [JM24, PLC24]. **Semi-Permanent** [JM24]. **Semi-Supervised** [PLC24]. **Semiconductor** [WHF⁺25]. **Sense** [ADB⁺19, DMR23, RM23b]. **Sensing** [DMR23, LSCK20, LTH99, WJY⁺07]. **Sensitive** [CHA⁺23, DZK⁺24, WYZ⁺25, YBS⁺18, ZZF⁺25]. **Sensitivity** [LM21, LON08, PMB10, ST99]. **Sensor** [CCMC20, HBBD25, NSS⁺16, PDS12, SPZ⁺24, ZHC⁺18, DHZ⁺11, JSG09, LCK⁺09, RFB10, ZSZ10]. **Sensor-Aware** [HBBD25]. **sensor-driven** [ZSZ10]. **Sensors** [FG18, RG19, YHL⁺11]. **Separable** [LLL⁺25a]. **Separate** [DK22]. **Separation** [EK16]. **Sequence** [ZHL⁺25, GF06, LC07, MMP00]. **Sequences** [PKJK20, Pom15b, Pom15c, Pom17b, Pom18a, Pom24b, KT01, LWC07, PL03, PR11]. **Sequential** [LVS16, LD17, LWG⁺23, SPA⁺03, WKC12, BLR06, BOC00, Che96, CPR⁺02, Edw03, HVF⁺01, HRP00, HCC01, JB98, KT96, KOS09, MMP00, PL98, SNH02, Vah02, YWGI09]. **sequentially** [LIA00]. **SER** [LD17]. **Serial** [LLL⁺24, PMP17]. **Serialized** [KH10]. **Series** [HBBD25, TW96]. **Series-parallel** [TW96]. **server** [dW97]. **servers** [ANR13]. **Service** [DKZ⁺15, AHAKP08, CBR⁺05]. **Service-Level** [DKZ⁺15]. **Set** [HKL⁺15, LPD⁺17, LHF12, LF12, MCD12, OT15, Pom19b, Pom22, DPNB02, Hua01, LP03, LCD07, LLYW10]. **Sets** [Pom16b, YRH11, PR07, TCP97]. **Settings** [ZHC⁺23]. **setup** [KO23]. **SEU** [JLF⁺12]. **Several** [XHF⁺25]. **SG** [KPB19, ZZL⁺23]. **SHAIP** [HRK18]. **Shannon** [GBR07]. **shaped** [Meh98]. **shapes** [LM96]. **Shaping** [KLK⁺17]. **Share** [RG19]. **Share-n-Learn** [RG19]. **Shared** [KLJ14, MCdS25, SHBD21, WZL⁺25, ZAZ13]. **Shared-Memory** [MCdS25]. **SHARED** [Pom25b]. **Sharing** [CS22, LF12, Pom25b, RG19, TCL14, WGS16, BDB98, DK08, SHLL98].

Sherlock [GACK22]. **shield** [LXCH04]. **shielding** [Mut09]. **Shift** [HWDQ22, PBH⁺24, Pom21b, PTC⁺15, WC10, WWW⁺12, ZSL⁺25, LWK11, WPHL08]. **shifter** [Kag05]. **Shifts** [LS19]. **short** [SSP04]. **short-path** [SSP04]. **Shot** [TCW⁺25]. **Shuffling** [HHK⁺17, KJR⁺07]. **shutdown** [HW00]. **SID** [LHK⁺15]. **SID-Based** [LHK⁺15]. **Side** [BSP⁺22, CYZL23, DRK⁺25, DZS⁺18, LSZ⁺24, LZ24b, LQD22, LM21, NPH⁺20, WFW⁺25, ZBPF18]. **Side-Channel** [DZS⁺18, LSZ⁺24, LQD22, WFW⁺25, ZBPF18, CYZL23, LZ24b, LM21, NPH⁺20]. **Side-Channels** [BSP⁺22]. **sided** [Yan19]. **Sigma** [ZYW⁺18]. **Signal** [GNPZ25, HRC21, LS22, MFHP12, STGR15, WGT⁺17, ZSY18, CPW04, GMS⁺23, KZKAKP23, LLLC13, SR12, TYH08, XZC09]. **signal-integrity** [XZC09]. **Signals** [Yan16, MKW08]. **Significance** [LJJ⁺22, MHA19]. **Signoff** [LNPL23]. **Silicon** [ANS⁺20, HAB⁺17, PTS⁺20]. **SIMD** [EKEK22, YCL⁺23]. **Similarity** [PIK20, TYSF20, YRH11]. **Simplifying** [HA05]. **SIMTAM** [XGL⁺25]. **Simulated** [ZYS12, SMYH07]. **simulating** [RHA08]. **Simulation** [BLUS19, CGH⁺25, CDB11, EKS⁺14, EO19, GDPRG11, HBPW14, HIW15, HPB11, IHM15, LZ24a, LS22, LZX⁺24, MDM⁺12, PLH⁺24, PRCK08, ST99, SKM⁺16, WFSS20, WWFT12, XJF⁺23, XGL⁺25, YCZ⁺25, ZWD11, CVMP19, DCK10, DL11, HVF⁺01, HKB⁺07, KMC97, LOC12, PTC05, PHM00, RSR01, WTL⁺13]. **Simulation-Based** [EO19, PRCK08, LOC12]. **Simulations** [LS11]. **Simulator** [LAYZ23, LHK⁺15, FWCL05, EBR⁺09]. **simulators** [RPKC05]. **Simultaneous** [CC06, CYV⁺14, CFX09, JK10, LXCH04, SM00, TC24, CCX06, CCW08, CW01, MRC06, YHH09]. **simultaneously** [HLCH07, SSP04]. **Single** [BD14, HCW⁺16, KRL15, LSZ⁺21, LQD22, Pom25c, PMA24, RM23b, SKS⁺18, SSL17, SP24, VEO16, Yan19, Yan20, PTC05, VJBC07, YW09]. **Single-** [SKS⁺18]. **Single-Chip** [BD14, PTC05]. **Single-Cycle** [Pom25c]. **single-detour** [YW09]. **Single-Electron** [HCW⁺16]. **Single-Event** [KRL15]. **Single-Inverter-Based** [VEO16]. **Single-Layer** [Yan20, Yan19]. **Single-Rail** [LQD22]. **Single-Tier** [SSL17]. **Situ** [HSP⁺22, SL18, ZSL⁺25]. **Size** [KCKG16, LLL⁺25c, YVC14, ZLG⁺19, AMR00, AM05, FNMS01, HH09, HKV⁺07, LDK99, LH09, SBH⁺06]. **Sizing** [CHK⁺23, DZ18, KKS16, LLM⁺23, LZ21, LGGJ14, PPC⁺25a, SV16, SCK⁺23, ZLL⁺16, ZGB⁺24, CW01, HR06, LG12, MLG12, RGM09, SC00]. **Skew** [CHH09, TCW20, CKKT98, HN07, HTCP13, LLHT12, LT11, wATkK02]. **Skew-aware** [CHH09]. **Skewed** [Pom19a, CSKR05, Pom14b]. **Skewed-Load** [Pom19a, Pom14b]. **Slack** [ASAP17, NRZ⁺18, CGN96, KSA⁺10]. **Slack-Based** [ASAP17, KSA⁺10]. **Slacks** [PSNC18]. **SLAM** [BYT22]. **Sleeping** [TEK18]. **Slew** [WCCC14]. **Slicible** [DSK01]. **SLO** [HC18]. **slow** [NS03]. **slow-speed** [NS03]. **Small** [WGT⁺17, XLCL13]. **small-delay** [XLCL13]. **Small-Signal** [WGT⁺17]. **Smart** [AL19, FHL⁺23, HXC⁺18, HK18, JDD20, SKM⁺16, YMB15, ZHC⁺18, JS13, AL19]. **Smart-Gateway** [HXC⁺18]. **Smart-Grid** [HXC⁺18]. **Smart-Hop** [AL19]. **SmartCap** [LYHL14]. **SmartDR** [GdRJM21]. **Smarter** [HFMB20]. **Smartphone** [LYHL14]. **Smartphones** [LYLW17]. **SMs** [SBR⁺17]. **SMT** [AA17]. **SMT-Based** [AA17]. **SNNs** [ZMLH24]. **Snoop** [PCT⁺17, ZYDP08]. **Snooping** [GD22]. **SoC** [HZS⁺19, GM03, GDF09, XZC09, BHW⁺13,

DCK10, DRK⁺25, Kan06, LLH⁺17, LCL08, LXGM23, MOZ06, SBC08, TCL14, WLCJ09]. **SOC-based** [GDF09]. **SoCDAL** [AHL⁺08]. **SOCs** [MSD06, BM11, JHMGS18, JPHL16, ZM07]. **Soft** [CWL⁺22, DFM15, EKEK22, FZH⁺25, HWL⁺23a, LD17, LW21, PHKW12, SWT23, TLCF16, QS09, RJBS09, ANS⁺20]. **Soft-Error** [HWL⁺23a, LW21, TLCF16]. **Soft-Error-Rate** [LD17]. **Soft-HaT** [ANS⁺20]. **Software** [ANS⁺20, BR24, BJZ24, BM11, CBR⁺22, CGK25, HLL⁺24, JHMGS18, JJH21, KMR18, LLP⁺16, LHF12, SYGC22, THT12, WLY⁺24, YYL⁺15, ZHC⁺23, AMO05, BASB01, CMM00, CACS05, CM13, FHHG12, GGB97, HKL⁺07, JW08, KSK⁺05, KTKO13, LMW99, LP07, LVL03, MSD06, ML09, NG06, SS11, WYIG07, WJY⁺07, YWGI09, YGH⁺10]. **Software-assisted** [WLY⁺24]. **Software-Based** [ANS⁺20, BR24]. **Software-Defined** [JHMGS18]. **Software-to-Hardware** [CGK25]. **Software/Hardware** [CBR⁺22, HLL⁺24]. **Software/Tools** [BJZ24]. **Solid** [CCS15, CD09, CCYC14]. **Solid-State** [CCS15, CCYC14]. **solid-state-disk** [CD09]. **Solution** [GSFT16, JNS⁺17, ACES25, YFT17, YFT18, FNMS01, SR12]. **Solutions** [WFT⁺19, CW01, NR01]. **Solver** [MS21, XJF⁺23]. **solvers** [DP02, QSK12]. **Solving** [CYV⁺14, HZJC23, WGD07]. **Some** [KAKSP16]. **SOPs** [BCC08]. **Sorting** [JBE⁺25, ZMP16, Yan00]. **Source** [EGK⁺24, LRHL24, YKCG14, BCR⁺08, KRK98, ZYZ⁺13]. **source-level** [KRK98]. **Source-Synchronous** [YKCG14]. **Sources** [DHB16, CH96]. **Space** [AKAKP18, BSZ⁺24, FLG⁺23, FMR23, FCZ⁺23, GACK22, GCZ⁺15, HMMG⁺20, HTC⁺25, JBS24, PGGD23, Pom24b, RGX⁺24, RS18, Sch17, SHBD21, TCW⁺25, UMS25, WS22, XZW⁺25, APB⁺08, ARLJH06, BW00, EK97, JP08, KSS⁺09, RFG20, SW12, VCLD03]. **Space-aware** [PGGD23]. **space-efficient** [ARLJH06]. **spaces** [BC11]. **spacing** [MKW09]. **spare** [ACT13]. **SparGD** [WML⁺24]. **Sparing** [NRM⁺24]. **Sparse** [HLL⁺25, WML⁺24]. **Sparsity** [MMX⁺25]. **Spatial** [GFC⁺09, RB19, Das09]. **Spatio** [SSC17]. **Spatio-Temporal** [SSC17]. **Special** [ADGSM22, BJX15, BMDG17, BJZ24, CCY22, CO18, DPSY25, HAW20, JCPL23, KLSZ11, LZR23, NWA⁺24, PFHAH22, TK18, YD16, BC08, CH10a, CLQ12, HJ08, JW08, KLSZ09, LP07, MD13, Ped06, RBA⁺12]. **specialization** [ADM⁺13]. **specialized** [BC08]. **Specific** [HKL⁺15, HMMG⁺20, HCZ⁺16, LPD⁺17, LHF12, LF12, RCK⁺15, TCL14, VA17a, ACT13, CSC08, SCV06, WKR09]. **Specification** [HZS⁺19, HV98, MD08, VS12a, BD00, BGM04, HV07]. **Specification-driven** [MD08]. **Specifications** [DSHD23, LXGM23, Pie16, CMM00, DDNAV04, MB04, VKKR02]. **Spectral** [KOO18, ZF23, TN99]. **spectral-based** [TN99]. **Speculative** [NRDB19]. **Speed** [CK16, DMR23, Kha23, PTC⁺15, RM23a, SP24, TPC⁺17, NS03, OW06, PSD21, SXZV13]. **Speeding** [CLM⁺10]. **Speeding-up** [CLM⁺10]. **Speedup** [Che18, KAKSP16]. **Speedups** [GDTG07]. **SPICE** [LS22, XJF⁺23]. **Spill** [LHF12]. **Spin** [RPR⁺21]. **Spin-Transfer-Torque** [RPR⁺21]. **Spintronics** [MS21]. **Spintronics-based** [MS21]. **Split** [SJ23, YCL⁺20]. **Splitting** [BHY⁺24, CZZYW21]. **SPMCloud** [BD14]. **Spread** [MJB19]. **SPTA** [CHL⁺25]. **SQLite** [LLP⁺16]. **SRAM** [CCC⁺09a, DMR23, DMR24, DSM25, GSN25, HHL14, JLF⁺12, MMX⁺25, NdLCR03, PMA24, PS23, RM23a, RM23b, SP24, ZYW⁺18, ZSL⁺25]. **SRAM-based** [JLF⁺12, MMX⁺25]. **SRAM/71mW** [CCC⁺09a]. **SRAMs** [RM09]. **SSA** [MHA19]. **SSA-AC** [MHA19].

SSAGA [SBR⁺17]. **SSD** [WHXZ13]. **SSDs** [CSS⁺24, GSD⁺18, HC18, LHS⁺21, SLC⁺22]. **SSER** [PHKW12]. **Stability** [HHL14]. **Stable** [SP24]. **Stack** [APG24, EGK⁺24, WDZG16]. **Stacked** [SYX12, THM15, LHZ⁺06]. **Stacking** [HKJ⁺23]. **Stage** [CHL⁺25, LZ17, LLL⁺25c, Shi20, JSF⁺25, KSA⁺10]. **Stage-form** [Shi20]. **Stages** [KO23, SYL09]. **Staggered** [GDTY24]. **staircases** [MSKBD07]. **Stairway** [MHD⁺04]. **Standard** [ACF⁺11, DBK⁺18, KRL15, Pom25b, TRM⁺16, PR09, SSCS10, TS96]. **Standard-Cell** [DBK⁺18, SSCS10]. **standard-scan** [PR09]. **Standby** [NRM⁺24]. **Standby-Sparing** [NRM⁺24]. **Start** [ZLY⁺15]. **State** [AVG19, BHBS22, CCS15, CK16, JBE⁺25, Pom15a, RGX⁺24, BDC08, CD09, CCYC14, CK96, CHHL96, HRP00, Pom14a, SNH02]. **State-Based** [AVG19]. **State-of-the-Art** [JBE⁺25]. **Stateful** [XHF⁺25]. **States** [Pom16c, LIA00]. **Static** [BDB12, ETAV18, KD24, LV14, MHA19, Pom15b, XPX⁺21, ZFLS11, DH06, EMO03]. **Statically** [KKLG15]. **Statistical** [BBEM15, CV17, JGM14, KPR06, LM21, PHKW12, RPR⁺21, SV16, STWX12, XT16, ZKS⁺16]. **statistics** [SNH02, SXZV13]. **STCO** [HLL⁺25]. **steering** [HKV⁺07]. **Steiner** [CKKT98, GC96, HGLC16, LLLL18, LYKW09, SMYH07, Yan08]. **Steiner-point** [Yan08]. **Stencil** [YYG⁺16]. **Step** [HGLC16, Vah02]. **stimuli** [MFS09]. **Stimulus** [CYV⁺14, LV14, BLR06, PKP⁺03]. **stimulus-free** [BLR06]. **stitching** [Meh98]. **STLs** [DFC⁺25]. **Stochastic** [BH22, GLY⁺12, MMP00, GBC07, NM13]. **Stopper** [PCT⁺17]. **Storage** [BD14, CCH⁺15a, CGLH23, CHG⁺24, HWDQ22, Kha12, KCA04, Pom24a, WQC⁺16, ZLW⁺15, ZMS⁺19, BD08, Meh98, Wu09]. **storages** [HCK13]. **Storytelling** [GLM⁺25]. **STR** [ZZ24]. **STR-based** [ZZ24]. **Straight** [ACES25]. **Straight-line** [ACES25]. **Straightforward** [LH09]. **Strategies** [HJY23, JM14, WLW⁺24a, XLS15]. **Strategy** [APSMMD25, KKHK16, ADDM⁺13, ZHJ⁺23]. **Stream** [PGD24, LWK11, NM13]. **Streaming** [LWX⁺23, RS18, TY19, ZLL⁺16, ZMP16, FHHG12, KSS⁺09, WLL⁺11]. **Streamlining** [LWX⁺23, YLC⁺25]. **Strengthen** [SCY25]. **Stress** [HZJC23, LS19, ACES25, WXH⁺19]. **Stress-based** [HZJC23]. **Stress-Induced** [LS19]. **Stress-wave** [ACES25]. **striping** [CCYC14]. **STRIVE** [GRC25]. **Strong** [AYS20, WLC⁺24]. **Structural** [CML98, CH00, AYM05, CL99a, HA05, VLH98]. **Structure** [AG22, KKHK16, FWCL05]. **Structured** [HLX⁺23, HLL⁺25, THL⁺13]. **Structures** [TB20, BK00, DDFR13, GMN⁺13, Hua01, Meh98]. **STT** [JZY25, LSL⁺13, SABSA15, SMBT19, WSS⁺18]. **STT-MRAM** [SMBT19]. **STT-RAM** [SABSA15]. **Stuck** [JM24, TPC⁺17, HVF⁺01, PR09]. **Stuck-At** [JM24, TPC⁺17, HVF⁺01, PR09]. **Study** [FM24, LLP⁺16, LYM⁺20, MNT⁺25, MAL23, LC13, MLG12]. **Style** [CFD⁺16]. **Styles** [LCYN18]. **Sub** [BFL10, PS23]. **Sub-45nm** [BFL10]. **Sub-threshold** [PS23, SHN12]. **Subgraph** [LNPL23, PZY⁺25, YYC07]. **subnetworks** [TDF⁺09]. **Substrate** [WPL23, Yan20, LCJ⁺10, SKCM06]. **substrates** [SKCM06]. **subsystems** [JSG09]. **Subthreshold** [BFL10]. **Subtraction** [BSP⁺23]. **Successive** [HWCL15]. **Successive-Approximation-Register** [HWCL15]. **Suggestion** [GLM⁺25]. **Suited** [GYZ⁺22]. **sum** [DK08]. **sum-of-product** [DK08]. **Super** [LQL⁺24]. **Super-Resolution** [LQL⁺24]. **SUPERB** [EBR⁺09]. **Superposing** [ZZ24]. **Supervised** [PLC24, RNA⁺21]. **Supply**

[BSP⁺19, BM11, CUA⁺24, JLK15, SLP⁺19, WCCC14, XRS⁺19, YFT17, YSF⁺18, YFT18, YBS⁺18, JR97, LLHT12, WLCJ09]. **Support** [MCZ⁺16, WKL⁺18, ZP08]. **Supporting** [LYL⁺19, ZLL⁺16]. **Supports** [MLH⁺17]. **Suppressed** [BC16]. **Surrogate** [UMS25, WFSS20, ZBG⁺23]. **Surrogate-Based** [WFSS20]. **Survey** [BFG17a, BRCS18, FOM⁺25, GLD⁺22, HHH⁺21, JBE⁺25, KAC⁺23, LM19, Mit16, MRL⁺19, PZC⁺25, PTPB22, RJ14, SSK⁺23, WM24, WCX⁺24, WLY⁺24, BD97, CEB06, KG99, KP13, SW04]. **survivability** [ACT13]. **suspect** [DNA⁺12]. **Suspension** [NSH⁺16]. **Sustainable** [CXH⁺16]. **SW** [ADP⁺07, BFV15, FLPP09, HTC⁺25, WWFT12]. **Swarm** [HLG⁺15]. **Switch** [CYLC24, HSR⁺24, MMM⁺22, CWW96, CZW⁺03, FLWW02, FLWC07, KS23, RFYL98, THL⁺13, ZHTC09]. **switchboxes** [DSKB04]. **switched** [CSC08, HWCL13]. **switched-capacitor** [HWCL13]. **Switches** [WZL⁺25]. **Switching** [AVG19, BP23, GSS14, RM23b, SRC15, BLR06, HCN09, PR11, SXX⁺06]. **switching-activity** [SXX⁺06]. **SwitchX** [BP23]. **Symbolic** [BDM⁺99, BFG17b, DY23, MCD12, SHD17, BLM00, FWCL05, KVMH08, YWGI09]. **Symbolic-Event-Propagation-Based** [MCD12]. **symmetric** [IAI⁺09]. **Symmetrical** [OCK19, CZW00]. **symmetries** [CMB07]. **Synaptic** [HSP⁺22]. **Synchronizing** [MDM⁺12]. **Synchronous** [CH17, HPB11, PMS15, TB20, WWW⁺12, YKCG14, ZABGZ17, BDM⁺99, BASB01, CACS05, CPR⁺02, HKB⁺07, MB04]. **SynergyFlow** [LYL⁺19]. **Synthesis** [AG22, AA17, BR12, BD00, BSP⁺23, CSKR05, CET16, CHF25, CXS⁺23, CS22, CLMZ10, CCL03, EO19, EWT23, FCZ⁺23, GBR07, HS18, HRC21, HVMG13, HCZ⁺16, ISK21, JJH21, JZL⁺25, KK14, KKK12, KKS16, LS17, MWK21, MGC24, NG06, OCK19, PZY⁺25, PDS12, PG15, PFHAH22, PPC25b, QZZW24, QSW⁺15, RCW22, RTJE25, RJ14, RBS⁺25, Sch17, SGC⁺14, SS14, SGGR14, SLV⁺22, SV11, SCCH08, UE22, WCCC14, WS22, XHF⁺25, YZS⁺25, YMB15, ADS⁺09, BDM⁺99, BZ08, CLLK06, CMM00, CBMM10, CL99b, CD96, DDNAV04, FHHG12, GG99, GOC02, GH00, GGDN04, GWR13, HLKN07, HCLC98, Hsi01, HLHT08, Hua01, JLF⁺12, KSS⁺09, KKH⁺02, KK11, KW02, KHP05, KFH⁺08, LCD07, LC14, Lin97, LLHT12, LWH06, MMP00, MDM07, MKBS05, MJM11, MRC06, PBSV⁺06, RFYL98, RS03, SW12, SCB01, SV07, TN99, TC98, VLH98, VKT02, VKKR02]. **synthesis** [WV02, WG11, WKR09, XK97, XPSE12, YWW10, SRP25]. **Synthesis-time** [BSP⁺23]. **Synthesized** [RB21, SBR⁺17]. **Synthesizing** [GSS14, GNQ⁺22]. **synthetic** [PSK08]. **System** [BdM00, BJJ24, CH17, DMR10, DPSY25, ENH⁺25, GM08, GPH⁺09, HKL⁺15, HZS⁺19, LZ24a, LL15, LG18, LLL⁺25b, LTC25, LXC⁺25b, NAK20, NRZ⁺18, PDS12, PPDK09, Pie16, PBSV⁺06, RFG20, SL18, SGGR14, TK18, WL12, YYG⁺16, ZHM07, ZCL⁺25, APB⁺08, BPRR98, BMJ13, Cha01, CKAP07, CSC08, CGLH23, DC07, GG99, GABP00, HGBH09, HVMG13, HW00, LTH99, LCC11, MOZ06, MPSJ07, OCRS07, Ped06, SPG⁺08, Sen11, Vah99, ZLL13, dW97, AHL⁺08, LVL03, WLL⁺11]. **System-in-Package** [ENH⁺25]. **System-Level** [HKL⁺15, LL15, LG18, PDS12, Pie16, BdM00, GM08, PPDK09, RFG20, ZHM07, MOZ06, OCRS07, Ped06, Sen11, Vah99, ZLL13]. **system-on-a-chip** [Cha01, CKAP07]. **System-on-Chip** [HZS⁺19, LTC25, SGGR14, APB⁺08, BMJ13, CSC08, WLL⁺11, AHL⁺08]. **System-on-Chips** [LZ24a]. **System-scenario-based** [GPH⁺09]. **Systematic** [AMM⁺06, JBS24, MNT⁺25,

SLP⁺19, KPR06, RPKC05]. **SystemC** [BK10, CVMP19, GD20, HV07, MNT⁺25, WWFT12, ZMS⁺19, RHA08]. **SystemC-AMS** [CVMP19, ZMS⁺19]. **SystemC-based** [GD20]. **SystemC/TLM** [MNT⁺25]. **SystemCoDesigner** [KSS⁺09]. **Systemization** [ZHC⁺23]. **SystemJ** [MSR09, SPT⁺17]. **Systems** [ALLE20, APSMMD25, ADGSM22, APG24, BHK17, BLNK14, BJX15, BSP⁺22, BB17, BXG⁺24, BS14c, CLL⁺22, CHA⁺23, CH10a, CCH⁺15a, CHBK15, CXLL22, CWZ⁺25, CYH19, DFM15, DHX⁺23, DHW⁺23, EAP17, GT21, HXZ⁺23, HK18, IGN18, JJH21, KLSZ09, Kha23, KC10, KMR18, LL15, LWX⁺23, LHK⁺15, LZZSV15, LWG⁺23, LMA⁺16, LZX⁺24, LL19, LZA⁺21, MCdS25, MRL⁺19, NSH⁺16, NDA⁺23, NRM⁺24, ORGD⁺15, PLC24, PPP⁺15, PSNC18, PG15, PBZM19, PY20, QBTM16, RFG20, RG19, RNA⁺21, SSC17, SPT⁺17, SRKS23, SBY⁺20, STWX12, SS14, SHBD21, SAL19, TB20, THT12, TL19, UPV23, WLZ⁺19, WHRC12, WQC⁺16, WDD⁺23, WDLX21, XPZ⁺18, XGC⁺20, YBM⁺21, YRH11, ZLW⁺15, ZMS⁺19, ADM⁺13, AM10, ADDM⁺13, ARLJH06, BD00, BWB14, CSAHR07, CMM00, CSL⁺07, Con06, CLQ12, CCL04, DCK07, DRG98, DDNAV04, DTC⁺09, GDTG07, GPH⁺09, GDF09, HKL⁺07, HV07, HDL⁺12]. **systems** [HCLC98, Hsi00, HBC⁺08, JS13, JWL⁺03, JW08, KKMB02, KC13, KP13, KFH⁺08, LCZ⁺08, LCK⁺09, LSDV10, LDK99, LP07, MBB01, MDG98, MHQ07, ML09, OKC08, PDN00, PCD⁺01, PSL⁺98, Ped11, PEPP06, QS09, Rak09, RSR01, SCB01, SLXZ12, SUC01, SHN12, SS11, SZV⁺12, THC⁺14, Wol96, Wu09, ZAJ⁺12, ZP08, SN10, CPX14]. **Systems-on-Chip** [BHK17, HDL⁺12, KP13]. **Systems-on-Chips** [LWX⁺23]. **SystemVerilog** [CYV⁺14]. **T** [YYC09]. **T-trees** [YYC09]. **TAAL** [JZG21]. **table** [KSD⁺22, WSEA99]. **table-based** [WSEA99]. **tables** [CH02, YTHC97]. **Tag** [YBS⁺18]. **tagged** [ZP08]. **tailored** [Ase23]. **Tailoring** [CSC08]. **Taming** [FHHH22]. **Tampering** [HYK⁺20, JZG21]. **Tandem** [MSR09]. **tap** [GMS⁺23]. **Tapered** [BSP⁺23, KKHK16]. **Target** [KGS⁺20, KYL16, PBWB21, PBF⁺22, Pom20, Pom25a, FS13, KR23]. **Targeted** [SNL12]. **Targeting** [LPD⁺17, LZY⁺23, PTPB22, JBC⁺10, MLM08]. **Task** [APSMMD25, DHW⁺23, ENP20, LJZ⁺24, LMA⁺16, SZB17, WLW⁺24b, XXC⁺24a, XHL⁺25, DCK07, GK14, GBC07, YYLL09]. **Tasks** [CWZ⁺25, CH17, RBS⁺25, SSC17, WJG⁺19]. **taxonomy** [KP13]. **TB** [WLW⁺24b]. **TCAM** [VNS19]. **TCONMAP** [HABS15]. **tdf** [ZMTC13]. **TDM** [LLL⁺25b, VGG19]. **TDM-based** [VGG19]. **Team** [RGX⁺24]. **Technique** [CV17, JK10, JPM⁺19, LGGJ14, SBB⁺18, SRP25, DHV⁺00, HLCH07, IBMD07, KI01, LC96, MB04, Mut09, RSR01]. **Techniques** [GD20, GdRJM21, MDM07, Mit16, PTC⁺15, SJ23, TWL16, WSV⁺14, YD16, AM05, BD97, BdM00, BH10, BASB01, CLM⁺10, CSAHR07, CACS05, CFHM09, DS06, DD02, HPK99, HCS01, HCC01, KSK⁺05, KMS12, KHP05, LSDV10, LB00, LHW97, LHCT05, LVL03, OCRS07, OK08, PCD⁺01, RJBS09, TY97, TBZ13, TYH08, VMP⁺00, XK97, ZHOM08]. **Technologies** [PFHAH22, SN10, BC08]. **Technology** [ATF⁺23, BRF24, BFL10, CHY05, DKT⁺16, DBK⁺18, GLD⁺22, HABS15, JZYZ15, PZY⁺25, PS23, SABSA15, YD16, ZS02, ZCS⁺24, BLM00, CH02, CH00, KL05, LKM04, PL98, WY06, WSEA99, ZLL13]. **Technology-Aware** [PZY⁺25]. **technology-dependent** [BLM00]. **Technology-Driven** [DKT⁺16]. **TEI**

[LHW⁺17]. **TEI-power** [LHW⁺17].

Temperature

[BHY⁺24, JGM14, LHW⁺17, SRKS23, ZYP09, ADP⁺07, CLQ12, DH06, WJY⁺07].

Temperature-aware

[SRKS23, ZYP09, ADP⁺07, CLQ12].

Template [LFJ25, HGBH09]. **Templates**

[Pom25c]. **Temporal** [Pie16, SSC17, YYC07, BD05, Das09, YYC09]. **Temporally**

[PRCK08]. **tenant** [LLZ⁺25]. **Tensor**

[GRC25, HZL⁺22, HLL⁺25, SYH⁺22].

terminals [ISE08]. **termination**

[WLW⁺24a]. **Terrestrial** [PMA24]. **Test**

[AYM05, BDBB19, CY24, DYP⁺25, EMO03, EO19, FHL⁺23, GF06, IE12, LCT03, LYSO19, LM21, MCdS25, MCD12, NSCM17, PKJK20, Pom15a, Pom15b, Pom15c, Pom16b, Pom16c, Pom17a, PAV17, Pom18a, Pom19b, Pom20, Pom21a, Pom22, Pom24a, Pom24b, Pom25a, Pom25b, Pom25c, RJ14, SBB⁺18, TBZ13, WCB15, WWCT18, WH19, WH20, WZH⁺23, WLW⁺24a, WLM21, WC10, WWW⁺12, XCW12, XLCL13, Xia24, XGL⁺25, BC05, BWB14, Cha01, Che96, CCL04, ETR07, FNMS01, GM03, HLKN07, HRP00, HJ08, IYF⁺21, KT01, LTH99, MD08, NCP01, NT05, PR98, PR07, PR11, QM12, RMKP03, SW04, SBC08, SEN05, SNL12, TCP97, TD03, WPHL08, WWC04, XZC09, ZMTC13, SSGS03].

Test-Architecture [WWCT18, XZC09].

Test-Fleet [DYP⁺25]. **Test-termination**

[WLW⁺24a]. **Testability**

[LW21, NWA⁺24, Pom16a, Pom18a, Pom25b, FRS97, PSK08, Pom14a, SCJ01].

Testable [GBR07, LW21, RMPJ08].

Testbench [LZA25]. **testbenches** [BFP08].

testers [NS03, SBC08]. **Testing**

[CY24, LPY⁺20, NS03, PTC⁺15, TPC⁺17, WWCT18, WJM24, WWW⁺12, XCW12, XS16, XCF18, Xia24, XGL⁺25, JT98, KBN09, LHCT05, PKP⁺03, SEN05, SXZV13, SCJ01, SOC06, TD03, XZC09].

Tests [Pom15a, Pom16a, Pom16c, Pom18b,

Pom19a, Pom19b, Pom20, Pom21a, Pom21b, Pom24b, Pom25b, DNA⁺12, PR09, Pom13, Pom14a, Pom14b]. **text** [LDK99].

text-compression-based [LDK99]. **Theft** [BTP⁺20]. **Their**

[MLH⁺17, PTPB22, DSK01]. **theoretic**

[HR06]. **Theoretical** [TB20, SB98].

Theories [PG15, YW09]. **Theory** [CXLL22, KR23, MDM⁺12, SSK⁺23, JWL⁺03].

Thermal [CK19, CLT⁺15, CXH⁺16, CVMP19, CAP⁺23, CR12, DCK10, JGM14, LCK⁺09, LHW⁺17, LDD⁺18, LZA⁺21, MMR⁺25, MDR15, OCK19, PSP24, RKKH24, SBY⁺20, SKP21, WMT⁺16, ZHC⁺18, ZF23, ADDM⁺13, ANR13, GK14, LH13, LHZ⁺06, LTPT10, QSK12, WTL⁺13, WJY⁺07, YHH09, ZAJ⁺12, ZSZ10].

Thermal-Aware

[SBY⁺20, SYX12, OCK19].

thermal-oriented [LHZ⁺06].

Thermal-Sensor-Based [ZHC⁺18].

Thermally [RGM15]. **thermodynamic**

[VLH04]. **Things** [TK18]. **Thread**

[CNQ13, SV11, KBA08]. **Thread-based**

[CNQ13]. **threaded** [HC17]. **Threat**

[MCY23, YBM⁺21]. **Three**

[KQP⁺19, LQD22, RGM15, WXH⁺19, Yan00, Vah02, YYC07, YYC09].

Three-Dimensional [RGM15, KQP⁺19, WXH⁺19, YYC07, YYC09]. **Three-layer**

[Yan00]. **Three-Phase** [LQD22].

three-step [Vah02]. **ThrEshold**

[SRP25, CZW19, DHVW18, LYL⁺23, SV16, PS23, SHN12]. **Throughput**

[HCRK11, HIW15, KLJ14, MS23, SESN15, ZZ24, CJLZ11, EKEK22, GM08, PRKK21, SKS12, SHN12]. **throughput-aware**

[SKS12]. **Throughput-Optimized**

[HCRK11]. **Thwart** [BTP⁺20, LSCK20].

Tier [SSL17]. **TIGFET** [LQD22].

TIGFET-Based [LQD22]. **tightly**

[LMB⁺12]. **tightly-coupled** [LMB⁺12].

Tightness [APS18]. **tile** [DJP21]. **Tiled**

[DK16]. **Tiled-DNUCA** [DK16]. **Time**

[APDC17, APSMMD25, BB17, CHA⁺23, CHBK15, CBC22, CH17, CJKK19, FG18, FXH⁺25, GYZ⁺22, HXC⁺18, HBBD25, IGN18, KPF16, KPB19, LM19, LSZ⁺21, LSCK20, LWG⁺23, LQL⁺24, NSH⁺16, NRM⁺24, PSNC18, PGGD23, PY20, SSC17, SBY⁺20, SLV⁺22, VKT25, WLZ⁺19, WDZG16, WJG⁺19, YRH11, ZLW⁺15, ZZCY17, ZZF⁺25, APB⁺08, ARLJH06, BSP⁺23, CSAHR07, DP02, DRG98, DZK⁺24, FHHR21, HMLL11, HLNK07, HVMG13, JS25, KS23, KNRK06, LCHT02, LTPR⁺13, MR96, MHQ07, NG06, PEPP06, PW99, SCB01, SWT23, WGDK07, WLL⁺11, ZAZ13]. **Time-** [PGGD23, ARLJH06]. **Time-Amplitude** [VKT25]. **time-constrained** [NG06, SCB01]. **time-constraints** [CSAHR07]. **Time-Division** [PY20, LWG⁺23]. **time-domain** [LTPR⁺13]. **Time-Efficient** [FXH⁺25]. **Time-Multiplexed** [LM19]. **Time-Sensitive** [CHA⁺23, DZK⁺24, ZZF⁺25]. **Time-Series** [HBBD25]. **Time-Triggered** [BB17, IGN18, KPB19]. **time/resource** [WGDK07]. **Timely** [ZCL⁺25]. **Times** [PMS15]. **Timing** [CHL⁺25, CZW00, CB17, CJKS24, HIW15, HS19, JNCS19, KKK12, LVS16, LJ18, LWC18, LYCP17, LNG⁺16, LL19, MJM11, MKW08, TB20, VBP⁺19, WSH⁺18, WFW⁺25, WKC12, WL12, XHL⁺25, XGL⁺25, Yan08, YRH11, DCK09, DRG98, DH06, KPSW09, KPR06, KC98, LC14, LCHT02, MCMW08, QS09, SXX⁺06, SCCH08, YHL⁺11]. **Timing-aware** [MKW08]. **Timing-Driven** [LNG⁺16, CZW00, Yan08, DRG98]. **timing-error** [SCCH08]. **Timing-Yield** [WSH⁺18]. **TinyOS** [RFB10]. **TLB** [KSK⁺05]. **TLC** [CWL⁺22, WZL⁺21]. **TLM** [BFP08, MNT⁺25, ZMS⁺19]. **TLM-to-RTL** [BFP08]. **TMDS** [SRKS23]. **TODAES** [CH10a, KLSZ09, BC08, GK09, QS11, TK18]. **Toffoli** [CHF25, MDM07]. **Together** [GGB⁺24]. **Toggles** [TPC⁺17]. **Tolerability** [LW21]. **Tolerance** [GVJ15, JPM⁺19, BXG⁺24]. **Tolerant** [CYH19, DSM25, GT21, LW17, PMA24, XCF18, ZZF⁺25, CEB06, NdLCR03, NGL⁺21, SC06]. **tolerate** [SPG⁺08]. **Tolerating** [ZHC⁺21]. **Tool** [BBEM15, BTT⁺25, CSS⁺24, JHMGS18, TDE08, VLH98]. **Toolbox** [LZX⁺24]. **Toolchain** [GVJ15]. **toolkit** [MSD06]. **Tools** [BJZ24, XHW⁺25, XGL⁺25, BdM00, GS00, MD13, MT02]. **Top** [SSN22]. **Top-** [SSN22]. **Topological** [SHD17]. **Topologically** [TC24]. **Topologies** [Kha23]. **Topology** [BDBB19, HCZ⁺16, UE22, TDF⁺09]. **Topology-Agnostic** [BDBB19]. **Torque** [RPR⁺21]. **Trace** [BHK17, SJN24, BHW⁺13]. **Trace-Based** [BHK17]. **Traceability** [IK19, YFT17]. **Track** [CHL⁺25, LCC11]. **Tracking** [HMO⁺14, NPH⁺20, FS13]. **Trade** [BHY⁺24, KSD⁺22, MS23, PCC09, FHHG12, RJL⁺09, WVYG99, WGDK07, XPSE12]. **Trade-off** [BHY⁺24, KSD⁺22, MS23, RJL⁺09]. **Trade-offs** [PCC09, FHHG12, WVYG99, WGDK07, XPSE12]. **Tradeoff** [RS18]. **Tradeoff-Aware** [RS18]. **Tradeoffs** [LDD⁺18]. **Trading** [FG18]. **Traffic** [FACA25, QBTM16, YWF⁺24]. **Train** [TZZH22]. **Trainable** [KLIK24]. **Training** [ALL17, EGK⁺25, HSP⁺22, HLL⁺25, JSS⁺19, KLIK24, LS23, LCG⁺22, OJC⁺24, PLC24, TZZH22, ZLYZ25]. **Transactions** [CH10a, CPX14, KLSZ09]. **Transceivers** [JNS⁺17]. **Transfer** [AVA24, LRHL24, RNA⁺21, RPR⁺21, WJM24, ZHL⁺23, KI01, KVMH08]. **Transform** [HHX⁺23, LCC⁺15]. **Transformation** [SPC⁺15, ZFL22, BGN⁺07, KKH⁺02, Vah99, VJBC07]. **transformational** [Voe01].

transformations[HKV⁺07, LLM01, PCC09, WVYG99].**Transformer**[LY24, MMX⁺25, SDD⁺25, XLP⁺25].**Transformers** [SCKK25]. **Transforms**[ACFM12, MFHP12]. **Transient** [KRL15, ACES25, SQL⁺24, YCZ⁺25, DC07, MRC06].**Transistor** [CFD⁺16, CGS⁺24, FOM⁺25, HCW⁺16, PR96, RS03, WSH⁺18].**Transistor-Level** [FOM⁺25]. **Transition**

[JOH17, MHQ07, Pom25b, Xia24, LHCT05, PL03, PR09, WPHL08].

Transition-overhead-aware [MHQ07].**Transitions** [DY23, Mut09]. **transitive**[YYC07]. **Translating** [WLW⁺24a].**Translation** [MWS⁺20, WL12].**transmission** [KC13]. **Transmissions**[CBO⁺18]. **TransNet** [RNA⁺21].**Transparency** [WHRC12]. **Transparent**[Pom17b, SV11, PR11]. **Transparent-Scan**[Pom17b, PR11]. **Transposition** [CCH15b].**traversal** [HRP00]. **Tree**[FZL⁺23, HGCL16, KK11, KKS16, LLLL18, LNG⁺16, LS17, OCK19, PSD21, WCCC14, ZFL22, CHH09, LLHT12, LYKW09, LLLC13, TDF⁺09, wATkK02, Yan08, YYC09].**Tree-based** [PSD21, YYC09]. **Trees**

[CCH15b, EK16, GC96, WCC03, YYC09].

Trends [CH10b, HHL14]. **Triggered**

[BB17, DY23, HS18, IGN18, KPB19, BDC08].

Triggering [EW18b, HW14]. **Triple**[LZ17, ZLY⁺15]. **Tristate** [CK16]. **TRNG**[PBH⁺24, ZZ24]. **Trojan** [ANS⁺20, LM21,MRL⁺20, MGC24, RDJ25, YCL⁺20].**Trojan-Induced** [RDJ25]. **Trojans**[DY23, SGJN24, VTC20, XFJ⁺16]. **TROP**[SGJN24]. **True** [MAL23]. **True-** [MAL23].**Truncated** [Pom22]. **Trust**[GSFT16, ZGB⁺23, SGJN24].**TRust-aware** [SGJN24]. **Trust-region**[ZGB⁺23]. **Trustworthy** [CCMC20]. **TSN**[MAS⁺20, WZL⁺25, YWF⁺24]. **TSocket****CXH⁺16]. TSV**[KK11, KKHK16, WDC⁺22, YCZ⁺25].**TSV-based** [KK11]. **TSV-Inductor**[WDC⁺22]. **Tunable** [OK20, CFHM09].**tuned** [RFB10]. **Tuning** [LDYW25,PTS⁺20, ZGB⁺23, LT11, SZV⁺12, YCL⁺23].**Turbine** [WSRH16]. **Turn** [HSR⁺24].**Turn-Restricted** [HSR⁺24]. **Tutorial**[Edw03]. **TVM** [HTC⁺23, YCL⁺23].**TVM-based** [HTC⁺23]. **twisted** [YW09].**Two** [CHL⁺25, DCS⁺24, HLZ⁺22, JSF⁺25,

LZ17, OW06, Pom24b, TJ99, Yan19, CSC08,

DDNAV04, LHZ⁺06]. **Two-Dimensional**[DCS⁺24, Pom24b]. **Two-layer**[OW06, DDNAV04]. **Two-level** [TJ99].**Two-Part** [HLZ⁺22]. **Two-sided** [Yan19].**two-stacked-die** [LHZ⁺06]. **Two-Stage**[CHL⁺25, LZ17, JSF⁺25].**UAV** [LJZ⁺24]. **UAV-aided** [LJZ⁺24].**UCR** [YBS⁺18]. **Ultra**[ACF⁺11, CK16, GBC07, Kha23, MACV14,SESN15, ZLG⁺19]. **Ultra-fast** [GBC07].**Ultra-High** [Kha23].**Ultra-High-Definition** [ZLG⁺19].**Ultra-High-Speed** [CK16]. **Ultra-Low**[ACF⁺11, MACV14, SESN15]. **UltraScale**[AMM⁺18]. **Unauthorized**[CBO⁺18, GDTF17, KOO18]. **Unbounded**[VS12a]. **Uncertain** [CXLL22, KW16].**uncertainties** [CS07]. **Uncertainty**

[CXLL22, GC18, STGR15, YB23].

Uncertainty-aware [YB23]. **Unclonable**[Ase23, BHY⁺24, CSC⁺21, LLQD23,YBS⁺18]. **Uncore** [WGS16].**Understanding** [HHL14]. **Undetectable**[Pom19b]. **Unicast** [XS16, XCF18].**Unicast-Based** [XS16, XCF18]. **unified**[Kag05]. **Uniform**[HZS⁺19, KCKG16, HKJ⁺23]. **Unique**[SOS15]. **UNISIM** [LS11].**UNISIM-Based** [LS11]. **Unison** [SGJ96].**Unit** [BM11, GRC25, HWCL15, JDLZ24,ZXC⁺23, ZHL⁺25, HWCL13].**Unit-Capacitor** [HWCL15]. **Units**[CLC⁺24, LCJ⁺22]. **Universal** [CWW96,

CJKK19, JCK⁺18, FLWW02, FLWC07].
universality [RHN00]. **Unknown** [SSO16].
Unknowns [EKS⁺14]. **Unmanned**
 [HXB⁺22]. **Unnecessary** [Pom15c].
unpredictabilities [DS05].
unpredictability [SPG⁺08]. **unscheduled**
 [MHF96]. **Unstructured** [VTC20].
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 [IIEKS23]. **Upset**
 [PMA24, NdLCR03, RM09]. **upsets**
 [MRB⁺11]. **Use**
 [KBV⁺15, PPC⁺25a, KFH⁺08, MS00].
use-cases [KFH⁺08]. **Useful** [TCW20].
Using [APDC17, APD⁺11, ASAP17,
 AVG19, AGM01, BBEM15, BDB12, BS14b,
 BM11, BLUS19, CM19, CAOM19, CYV⁺14,
 CJKK19, CLC⁺24, DRK⁺25, DCC⁺23,
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 FZL⁺23, FWCL05, FHHR21, FYCT15,
 GFJ16, GBR07, GNGT21, GD20, GHYR19,
 HS18, HWF⁺23, HWL⁺23a, HLL⁺24,
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 XXC⁺24a, XGWL24, XHL⁺25, YHL⁺11,
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 BWB14, BK10, BTT⁺25, BGN⁺07, BASB01,
 CACS05, CBMM10, CFHM09, CK96,
 DMR24, GGBZ02, GK07, GK09, HVF⁺01,
 HMB98, HPK99, HCC01, HW14, KSK⁺05].
using [KRS06, KPR06, KMS12, KMC97,
 LCT03, LSL⁺13, LON08, MHD⁺04, MSR09,
 MS08, MR05, MP07, MLC08, MVK⁺18,
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 PHM00, RJL⁺09, RCD07, SGK08,
 SABSA15, SWM24, SFM⁺19, STL⁺13,
 SYH⁺22, SBH⁺06, SCJ01, TLCF16, TWL16,
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UST [wATkK02]. **UST/DME** [wATkK02].
Utilisation [NAK20]. **utility** [BCR⁺08].
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 KMR18, MT15, GM03, SBC08, SY07].
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 LQD22, LLQD23]. **UTPlaceF** [LLL⁺18].
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 [FYCT15, SCK⁺23, WSH⁺18, LSZ⁺21,
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 [LCZ⁺25]. **Vector** [BSP⁺19, JK10, LCJ⁺22,
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[Ali12, BKW15, DSHD23, DSH12, EW18a, GGB⁺24, HZS⁺19, KYN⁺12, LXGM23, MCdS25, PKJK20, Ped11, SSS⁺19, VBP⁺19, WLY⁺24, ZF23, BHW⁺13, BDC08, BGM04, DCK07, DCK09, DCK10, DC07, GF06, HA05, HDL⁺12, HV98, KMS12, KG99, KC98, LBV⁺06, LOC12, MS08, MPDG09, PRCK08, RFYL98, RBA⁺12, Sen11, VAAH⁺98, VS12b, WYIG07, WWC04]. **Verified** [APPJD25]. **Verify** [KRH18]. **Verifying** [APD⁺11, HCC01]. **VeriGen** [TAP⁺24]. **Verilog** [BTT⁺25, CZW⁺25, QJAP⁺25, TAP⁺24, ZJL25]. **VerilogEval** [PBL⁺25]. **versatile** [TYH08]. **Vertical** [AJK⁺21, LLKC13]. **Vertices** [SSN22]. **Very** [ZHC⁺21]. **Very-Large-Scale** [ZHC⁺21]. **VFI** [DLC⁺17]. **VFI-Based** [DLC⁺17]. **vGreen** [DMR10]. **VHDL** [DDNAV04, GDPRG11, MR96, MWG97]. **VHDL-AMS** [DDNAV04]. **Via** [LFJ25, SHL⁺19, WPL23, XGL⁺25, BZWZ17, CRT19, CGS⁺24, CSO22, CCC09b, DFC⁺25, DCS⁺24, FHL⁺23, GPS⁺24, HHL14, HLL⁺25, HSA⁺04, IPWW17, IK19, JYHY21, JYY⁺22, JBS24, KOO18, KRL15, KLK⁺17, LHZ⁺06, LZ24b, PB12, PTS⁺20, RAKK12, SAL19, VAAH⁺98, WB16, WLC⁺24, WLW⁺24a, WHXZ13, XHY⁺25, Yan20, YWGI09, YZS⁺25, ZZL⁺23, ZZM⁺25]. **vias** [YHH09]. **Victim** [NAK20, SSS⁺19]. **Video** [MDR15, SJL23, ZLG⁺19, CCC⁺09a, ZHOM08]. **Videos** [LWX⁺23]. **viewpoint** [LKTD98]. **Violation** [LLL⁺24]. **Violations** [KO23, Das09]. **Virtual** [BHDS09, DMR10, JLJ15, MSR09, SSL17, Fuj05, KMC97, LLKY13, ZP08]. **virtualization** [ISE08]. **Virtuoso** [LWX⁺23]. **visibility** [HW14]. **Visual** [UMS25, FS13]. **ViT** [MXO⁺25]. **VLAN** [SRTG19]. **VLIW** [AMR00, DCS⁺24, GBK07, KJR⁺07, LJV02, LLHT03, LYCP13, SXX⁺06]. **VLSI** [CW25, CHK⁺23, DPNB02, DK22, DD02,

GMN⁺13, GOC02, HLG⁺15, JT98, LM96, MSKBD07, MYSZ23, MKW09, OS03, RS03, STWX12, SB98, SSCS10, UPV23, ZGB⁺23]. **VLSI-CAD** [SB98]. **VNCS** [BXG⁺24]. **Volatile** [AKM⁺22, HSP⁺22, WDLD17, BDR⁺24, LSL⁺13]. **Voltage** [BHY⁺24, CS22, DHVW18, DMR23, DSM25, DS05, GNGT21, JPHL16, JLK15, KLE18, LCY12, MACV14, RM23a, SV16, SCK⁺23, WCCC14, WGS16, ZLL13, GM08, GBC07, KSA⁺10, LHW97, LLHT12, MHQ07, ML09, Rak09, SHN12, WWG08, WLCJ09]. **Voltage-Based** [GNGT21]. **Voltage-Frequency** [JPHL16, GM08]. **voltage/frequency** [ML09]. **voltages** [JR97, MR05]. **Volume** [Pom16c, RMKP03]. **Volumes** [PAV17]. **VOR** [SJL23]. **VR** [SPZ⁺24]. **vs** [KG09, MAL23, PDN00, SA24b]. **VSSD** [CCS15]. **Vulnerabilities** [GQW19, LLZ⁺25, MAS16, PTPB22]. **Vulnerability** [NPH⁺20].

W [DHZ⁺11]. **Wafer** [THM15, BC05, WLT08, ZMTC13]. **wafer-probe** [BC05]. **Wafer-to-Wafer** [THM15]. **Wages** [CGS⁺24]. **Wake** [WSRH16]. **Walks** [BS14b]. **Wall** [VFML23]. **Warp** [LSV06]. **Warping** [SV11]. **Wash** [CHG⁺24]. **Washing** [MGR⁺15]. **Waste** [KR23, PBWB21]. **Watch** [LLZ⁺25]. **Watermarking** [DRK⁺25, LWLH24]. **watt** [RAKK12]. **wave** [ACES25]. **waveform** [MCMW08]. **Wavelet** [AHAKP08, GFC⁺09]. **Wavelet-based** [AHAKP08]. **WaveSync** [YKCG14]. **WCET** [APS18]. **WCPNet** [XXC⁺24a]. **WCRT** [CYH19]. **Weakly** [NRM⁺24]. **Weakness** [GLM⁺25]. **Wear** [CCH⁺15a, CHC⁺16, Kha12, CD09]. **Wear-Leveling** [CCH⁺15a, CD09]. **Wearable** [FG18, HBBD25, RG19, RNA⁺21]. **Wearables** [GFJ16, JS25]. **WEB** [MS08].

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Year [PBL⁺25]. **Yield** [GLY⁺12, GPS⁺24, JGM14, KAKSP16, KMO⁺12, SV16, SYH⁺22, THM15, WSH⁺18, ZYW⁺18, HWCL13, KPSW09, LCKT12, MHT14].

Zero [BC16, Giv06, JK10, TCW⁺25, HTCP13, ZCG06]. **zero-deficiency** [ZCG06]. **Zero-Shot** [TCW⁺25]. **Zero-Suppressed** [BC16]. **ZeroD** [LZ24b]. **ZeroD-fender** [LZ24b]. **ZNS** [CSS⁺24]. **Zone** [CSS⁺24]. **Zone-Trace** [CSS⁺24]. **Zoom** [EO19]. **Zoom-ADC** [EO19].

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