A Complete Bibliography of *ACM Transactions on Design Automation of Electronic Systems*

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19 March 2024
Version 1.91

Title word cross-reference

1 [AGM01]. 2 [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, LS17, MAL23, OS03, OCK19, PSP24, PRKK21, PKC+21, SKP21, SYX12, THM15, TMDF10, VILSL23, WYC10, WTW+23, XGC+20, YHH09, ZYS12, ZPLI23]. 4 [JCGP05]. ^{2} [BXG+24, SJL23]. dd [MLMM08]. **DDX** [SW04]. F**max** [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].

1687 [IIEKS23].

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

36 [DHZ+11].

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

71mW [CCC+09a]. **7T** [RM23a].

90nm [CFD+16]. **9T** [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** [CBR+22, LD17, NHS23, RKKH24, SS24, XJF+23, BHDS09, MLC08, RB19]. **Accelerating** [CXR+23, CLX+23, HW14, KZKAKP23, LS11, SKS12]. **Acceleration** [EJR22, GYZ+22, LDP+22, WFSS20, GPK+09]. **Accelerator** [CBC22, FLG+23, HLL+24, HLW+23, KP22, LCJ+22, LYL+19, LJJ+22, LPL+21, OHA19, SKR+22, SHBD21, SQL+24, TWM+23, WML+24, WB+24, AHL+08]. **Accelerator-rich** [SHBD21]. **Accelerators** [CSO22, HJY23, LHC24, 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, LJ18, SV16, SKCM06, TWL16, TEK18, MFS09, RCD07, SGD10, XK97]. **Accurately** [CHA+23]. **Achieving** [HSP+22, KJT04, STL+13]. **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, CB17, CIX15, EW18b, JM14, KKHK16, LLKY13, LYSO19, LJJ+22, LPY+20, LIK22, SFM+19, SJ23, SOS15, TZ17, WTR12, WQC+16, 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]. **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** [LRHL24]. **Adversarial** [Ase23, BXG+24, FLG+23, LYM+20, LRHL24]. **Aerial** [HXB+22]. **Affine** [WKL+18, BC11]. **after** [XFJ+16]. **Against** [ADB+19, DZS+18, LLQD23, LDX22, RNR+21, AYS20, CYZL23, DFM15, GDTF17, HYK+20, LQD22, ZLQ15]. **AGENTS** [dW97]. **Agglomerative** [LLLC13]. **Agglomerative-based** [LLLC13]. **Aging** [ADB+19, DNT20, FYCT15, GC18, OT15, SJ23, TCW20, HTCP13]. **Aging-** [FYCT15]. **Aging-Aware** [OT15]. **Aging-induced** [TCW20]. **Agnostic** [BDBB19]. **ahead**

[CSAHR07]. **AI** [APG24, CCY22]. **Aided** [HWF+23]. **AIMCU** [ZXC+23]. **AIMCU-MESO** [ZXC+23]. **Airgap** [HS19]. **algebra** [GK07, GK09]. **Algebraic** [LAYZ23, ARLJH06]. **Algorithm** [DHVW18, GDPRG11, GYT12, HCRK11, HNS23, HLG+15, JYHY21, KLSZ09, KLSZ11, MA16, MJB19, TZ17, YVC14, ZHC+21, ZLG+19, ZHJ+23, BDB98, CD09, CT13, CSL+07, CCW08, EK97, GBC07, JHL02, KT96, KL05, LM05, MBB01, MKBS05, MLMM08, MWG97, SCB01, SGJ96, VKKR02, XTW05, YMC+13, YWW10, Zho08]. **Algorithmic** [AMO05, KRH18, LXWC20, RRHB21]. **Algorithms** [ACFM12, DK22, EWT23, GMN+13, GdRJM21, SV16, SZB17, TCP97, WSY23, WCX+24, Das04, Das09, EMO03, GMSSS02, JLF+12, LKM04, LIA00, OWH08, PB14, PW99, TC98, YW09, YCHT00, ZSZ10, ZS02]. **Aligned** [LJJ+22, SHL+19, XYG+16]. **Allocating** [KAKSP16, YHH09]. **Allocation** [ABC+17, BK00, BM11, CET16, CARH18, KK14, KKLG15, LHC24, SCK18, ZYS12, AOC02, CLM+10, CL99b, LCK+09, SM00]. **Alternative** [KRL15, SYZ08]. **among** [DK08, LYSO19]. **Amplifier** [DMR23, RM23b]. **Amps** [AG22]. **AMS** [CVMP19, DDNAV04, MDM+12, MPDG09, ZMS+19]. **Analog** [ADB+19, BBEM15, CFD+16, CLC20, DZ18, GMS+23, GPS+24, HRC21, HSP+22, LDP+22, LYSO19, LS22, LLM+23, LZ21, LHJ12, LCYN18, NL24, PTS+20, SA24, SHD17, SCK+23, STGR15, SOS15, TZ17, TZ20, WJYZ11, XAG+20, 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, SA24]. **Analyses** [BFG17b, MCY23, YBM+21]. **Analysis** [BS14b, CZW+03, CLT+15, CB17, CXLL22, CH17, CYH19, CLMZ10, CYLC24, DKZ+15, GD20, GLY+12, HLZ+22, HKL+15, HHL14, HZJC23, JIR+21, JM14, KM97, KOO18, Kha23, KC13, LJ18, LDLM20, LV14, MAS16, MHA19, NHS23, NSCM17, OM08, PHKW12, Pie16, PEPP06, QBTM16, RRHB21, SMBT19, STWX12, SYH+22, THT12, VTC20, WL12, XT16, 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, JP12]. **Analytical** [HHL14, MA16, SV16, WTW+23, XLL+16, GG04, LON08]. **Analyzing** [CAP+23, LH13]. **Android** [THC+14]. **Annealing** [VLH04]. **Annotating** [BD05]. **Anomaly** [LL19, VTC20]. **ant** [WGDK07]. **anti** [HTCP13]. **anti-aging** [HTCP13]. **Any** [JZG21]. **Application** [BH22, CGLH23, CYV+14, DLK24, HKL+15, HMMG+20, HCZ+16, HLL+24, JBJ22, LPD+17, LYHL14, LHF12, LF12, LIK22, MMM+22, MDR15, RM23a, RCK+15, STJG16, 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, HC17, HAB+17, LFST21, LDLM20, MAS+20, MS23, MLH+17, NTSA18, PFHAH22, 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, WPR+19]. **Approach** [CYZL23, CHK+23, CJKS24, DY23, DZS+18, DNT20, FG18, FMR23, GVJ15, HWL+23a, HS19, JDLZ24, KRH18, LYL+23, LHF12, LMA+16, LTW+16, MDR15, ORGD+15, PGGD23, Pom18a, RRHB21, SHD17, SGGR14, SCK+23, ZHJ+23, 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** [ADGSM22, EJR22, GT21, HWDQ22, JSS+19, LKLC22, MED23, MHA19, NRDB19, OHA19, PMP17, WCX+24, YBM+21]. **Approximating** [GD20]. **Approximation** [BYT22, DHVW18, EKEK22, HWCL15, LNPL23, SYH+22, HCS01, YWK+03]. **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, VS12b]. **Architecture** [AJK+21, BMdG17, CM20, CIB01, DK16, HLG+15, JP12, JYY+22, LPLK22, LWZ+19, LYL+19, LJJ+22, LYLW17, MD13, MSD06, MRL+19, MS17, NGL+21, PMT20, PCT+17, SHBD21, SSL17, SJL23, TWM+23, WKL+18, WWCT18, WSY23, YKCG14, YMB15, YLP+13, ZHL+23, 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, 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** [EO19, HS18, HCW+16, KKK12, KKLG15, SY07, SS14, TRM+16, TCL14, Yan16, ZHJ+23, DK08, GS00, HCS01, KL05, KNRK06, LC13, LCL08, MS00, SPMS02, SSP04, XPSE12, ZYZ+13, ZHTC09]. **area-array** [LC13, LCL08]. **Area-Aware** [HCW+16]. **Area-Efficient** [EO19, SS14]. **Area-I** [Yan16]. **Area-I/O** [Yan16]. **Areas** [WPR+19]. **Arithmetic** [BSP+23, PIK20, CCL03]. **ARM** [LLH+17]. **ARM-Based** [LLH+17]. **ARM2** [HV98]. **Array** [CFD+16, 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]. **Artificial** [KAC+23, WXH+19]. **Ary** [CLH12]. **ASIC** [KLV15, THL+13]. **ASICs** [PW99]. **ASIPs** [SM00]. **ASP** [YMB15]. **ASP-Based** [YMB15]. **Aspect** [HKJ+23]. **aspects** [AMO05]. **Assay** [BTP+20, LSCK20]. **assembled** [BC05]. **assembly** [AMR00]. **assertion** [BZ08, MPDG09, TBZ13]. **assertion-based** [TBZ13]. **assertion-checker** [BZ08]. **Assertions** [MDM+12, WLM21]. **Assessed** [LLLL18]. **Assessment** [NPH+20, RNR+21]. **Assignment** [CK16, KLE18, LYCP17, LMS16, SV16, Yan16, Yan17, Yan20, BDB98, CCX06, CHH09, CPW04, CLYP09, KNDK96, Kuc03, LJV02, LCC11, LT11, VJBC07, WWG08,

WLCJ09, XTW05, Yan11]. **Assisted** [CCMC20, GFJ16, HRC21, PTC+15, SMBT19, SCK+23, CSL+07, MBB01]. **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, JZG21, 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, ZLQ15, LWK11]. **Attempt** [KR23]. **Attestation** [CRT19]. **Attributed** [PRCK08]. **Augmented** [VBP+19]. **Augmenting** [TL19]. **Authentication** [HRK18, MPM+17, YFT17]. **Authorization** [MPM+17]. **Auto** [YCL+23]. **Auto-tuning** [YCL+23]. **AutoDSE** [SYGC22]. **Autogenerated** [APD+11]. **Automata** [BZ08, PSD21, KT01]. **Automata-based** [BZ08]. **Automated** [BPTB17, IE12, KLV15, dONH23, GWR13]. **Automatic** [BFV15, CK96, CS22, CJLZ11, EWT23, GD20, GYZ+22, MS08, SHD17, Shi20, SRTG19, WKR09, ADS+09, KSS+09, LFG+09, TDE08, WWC04]. **automating** [HA05, RSR01]. **Automation** [ADB+19, CH10a, CPX14, CO18, DZS+18, DK22, FZL+23, GHYR19, HHH+21, JDD20, JCPL23, KLSZ09, KAC+23, PSD21, SSK+23, DTC+09, LOC12]. **Automotive** [HK18, KPB19, LZZSV15, LMS16, MPM+17, SRTG19, XLY+18]. **Autonomous** [ML09, STL+13]. **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, BDBB19, BHY+24, BLUS19, CMP10, CET16, CJKK19, DNT20, DZ18, FYCT15, GVJ15, HHK+17, HC17, HXB+22, HCW+16, KPF16, KW16, KAC+23, KPB19, LHW+17, LLL+18, LHK+15, LZZSV15, LNG+16, LMS16, MT15, OT15, PBZM19, RS18, RCK+15, SBY+20, SKP21, SCK+23, SYX12, TBCH17, WSH+18, WDD+23, WLLH16, Yan20, YYG+16, ZYPC17, ADP+07, CHH09, CGV+23, CLQ12, DHX+23, DD02, ETR07, ENP20, FS13, GM08, GKM05, HJY23, JHL02, JDD20, JP12, JCS+08, KPSW09, KJKK03, LC14, LKLC22, LWX+23, LSZ+21, 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, YYLL09, ZYDP08, ZYP09, SGJN24]. **awareness** [RL13]. **Ax** [EJR22]. **Ax-BxP** [EJR22].

B* [WCC03]. **B*-trees** [WCC03]. **back** [CCK+18, GABP00]. **back-end** [GABP00]. **Backward** [BS14b]. **balanced** [LLHT12]. **Balancing** [JIR+21, MT15]. **Band** [WTR12]. **Bandwidth** [KLK+17, BD08, GM03, LLKC13]. **bank** [CPW04, Kan06, SM00, Wu09]. **banked** [OK08]. **Base** [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, GNGT21, GDTF17, GHYR19, HCL+14, HWX+14, HLG+15, HC23, JHMGS18, JPHL16, JM14, KGS+20, KC10, KLK+17, KMO+12, LZZ23, LLH+17, LG18, LDLM20, LAYZ23, LZY+23, LSZ+24, LS11, LHK+15, LLLL18, LH11, LPY+20, LQD22, LGGJ14, LCC+15, LKC+18, LPL+21,

MNMK+21, MCZ+16, MA16, MS23, MCD12, NSP+20, PIK20, PBH+24, PSNC18, PG15, Pom17a, Pom18b, Pom20, PY20, QBTM16, QZZW24, RM23b, RS18, SV16, SMBT19, STGR15, TZ17, VEO16, WLZ+19, WCB15, WQC+16, WWCT18, WFSS20, WSY23, WC10, WL12, XS16, XCF18, YMB15, ZS16, ZHC+18, AHAKP08, AM10, ADDM+13, BLM00, BPRR98, BC11, BXG+24, BBD00, BOC00, BH10, BZ08, CLM+10, CNQ13, CGN96, CZW00, CFHM09]. **based** [CBR+22, CH02, CBR+05, CD96, CHY05, CFX09, CM13, CCL04, DP02, DCK09, 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, IIEKS23, IYF+21, JZG21, JJH21, JLF+12, KBN09, KZKAKP23, KK11, KLP+24, KSD+22, KNRK06, KSA+10, LC13, LB00, LKM04, LWC07, LCC11, LWZ+19, LJJ+22, LHC24, LDK99, LZ21, LCHT02, LWG+23, LOC12, LWK11, LLLC13, LXWC20, LYM+20, LG23, MMM+22, MP07, MS21, MLC08, NAK20, OM08, OHA19, OKC08, OK08, PSD21, PDN00, PRCK08, PMB10, PR09, Pom14b, RL13, RS98, SW04, SGK08, SWT23, SOC06, SC06, TFW24, TN99, TBZ13, VGG19, VILSL23, VKT02, WPR+19, WH20, WTW+23, WWC04, WC06, WPL23, WSEA99, XAG+20, Yan00, Yan08, YLY+23]. **based** [YYC09, ZHM07, ZZ24, ZHJ+23, AA17, PBZM19, CCQ98, CH00, MW97, MHT14, MWG97, PBSV+06]. **Basic** [AG22, VMP+00]. **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+23]. **BDD** [CCQ98, VKT02]. **BDD-based** [CCQ98, VKT02]. **BDDs** [BC16]. **Beam** [LZ17]. **Behavior** [CLMZ10, HXC+18, RGT+14, KRS06]. **Behavior-Level** [CLMZ10]. **Behavioral** [APD+11, AA17, CLMZ10, KHP05, Sch17, TN99, WV02, WHRC12, Fuj05, HLKN07, KSS+09, MRC06, VKKR02]. **behaviors** [BG01, KW02]. **Benchmark** [SA24, PSK08]. **Benchmarking** [JBC+10]. **Benders** [ETAV18]. **benefited** [SLC+22]. **Best** [GYZ+22, GK09, QS11, SSCS10]. **Best-Suited** [GYZ+22]. **between** [ATF+23, CJKS24, Fuj05, YRH11]. **Betweenness** [SSN22]. **Beyond** [CPX14]. **Biased** [EKEK22, JCK+18]. **biasing** [CFHM09]. **BICS** [RM09, RMB10]. **BIFEST** [LTH99]. **Bifurcation** [HHL14]. **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, GLD+22, GHYR19, JYHY21, KGS+20, KR23, LHC16, 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]. **Bits** [SSO16]. **Bitstream** [HYK+20, OK20]. **black** [LAS01]. **BLAS** [CCYC14]. **BlOck** [AG22, CM19, CCYC14, CCK+18, DK16, 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]. **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, CCQ98, GPK+09, OK20, SGJ96]. **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, LLLL18]. **Bounded-skew** [CKKT98]. **bounds** [TC98]. **boxes** [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]. **bridges** [LLQ+03, EBR+09]. **bridging** [LTH99, TCP97]. **Broadside** [Pom15a, Pom16a, Pom16c, Pom18b, Pom19a, Pom21a, 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, CW01, FHHG12, JHL02, LLHT12, LT11, XTW05]. **Buffered** [OCK19, Yan16, CM08]. **buffering** [KRS06, KC13]. **Buffers** [CK16]. **Building** [JDD20]. **Buildings** [ZHC+18]. **Built** [EO19, IYF+21, Pom13, SBB+18, WCB15, LTH99]. **Built-In** [EO19, SBB+18, WCB15, IYF+21, Pom13, LTH99]. **bump** [DVA02]. **bump-and-refit** [DVA02]. **Burst** [CHBK15, CIX15]. **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]. **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, WDLD17, YPCF17, Giv06, JS13, LMW99, LSL+13, PDN97, SLXZ12, TKVN07, TY97, VS12b, ZYDP08, NTSA18]. **cache-coherence-enabled** [LSL+13]. **Cacheline** [PBL+17]. **Caches** [CK19, CB17, 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]. **Cancellation** [LTYW12, FIR+97]. **Cap** [HC17, YLY+23]. **Capability** [EW18b]. **Capacitance** [XLS15, YLY+23]. **capacitive** [LXCH04]. **Capacitor** [HWCL15, HWCL13]. **Capacitors** [SCK18]. **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]. **Case** [APDC17, CH17, LLP+16, LYM+20, RCW22, RPR+21, DCC+23]. **Cases** [LWC18, KFH+08]. **Causal** [CBC22]. **caused** [SHLL98]. **Cayley** [CCH15b]. **CBDC** [LLQD23]. **CBDC-PUF** [LLQD23].

CCM [TWL16]. **CDTA** [YFT17]. **Cell** [ACF+11, CZZYW21, DBK+18, JZYZ15, KRL15, RM23a, TRM+16, WPR+19, WC10, XNZ+15, 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** [WGSH16, XLNB17, WB+24, ZHOM08]. **Centroid** [WLLH16, HWCL13]. **CGRA** [KZKAKP23, WB+24]. **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, DZS+18, JM14, KD24, LSZ+24, LQD22, PPP+15, ZBPF18, CYZL23, FLWC07, HSA+04, LLKY13, LM21, NPH+20, Yan00, YCHT00]. **Channels** [BSP+22, GNGT21, JLJ15, DSKB04]. **Chaotic** [CSC+21]. **Characteristics** [CFD+16, DHZL23, JLF+12]. **Characterization** [KRL15, MMM+22, SRC15, BW00, JCS+08]. **Charge** [VA17b]. **Chassis** [APD+11]. **check** [CL13, YCHT00]. **checker** [BZ08]. **checkerboard** [GC96]. **Checking** [AA17, KW16, ZZL+23, AGM01, BK10, CNQ13, Fuj05, HMB98, KMS12, YWGI09]. **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, PMT20, PGCB16, SCK18, SMBT19, STWX12, SGGR14, WLT08, XS16, XCF18, Yan16, YKCG14, ZHC+21, ZYS12, ZYPC17, AYM05, APB+08, ADS+09, BMJ13, Cha01, CKAP07, CSC08, 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, 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]. **Chips** [CCY22, HCZ+16, LWX+23, SOS15, GNQ+22, HGBH09, VS12a]. **Chisel** [FMR23]. **choice** [SBGD13]. **choose** [DNA+12]. **CHSM** [CUA+24]. **ciphers** [LWK11]. **circadian** [GS13]. **Circuit** [ADB+19, BBEM15, BZWZ17, BFL10, CM18, CM19, CZZYW21, FZL+23, GBR07, GDTF17, GPS+24, HS18, HRC21, HHX+23, HS19, JK10, LYSO19, LH11, LQD22, RJBS09, SS24, SA24, SMYH07, Shi20, SCK+23, TWL16, WSH+18, WKC12, ZFL22, 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** [BJX15, GPS+24, HDB22, HWL+23a, HZL+22, JZG21, KKS16, LD17, LSZ+21, LS22, LLM+23, LZ21, NL24, PB12, Pom16b, RGM15, SHD17, SCK+23, WTR12, WCX+24, XAG+20, ZSY18, ZHJ+23, 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** [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]. **Cluster** [CM19, DD02, LJV02, SB98, KJR+07, LWC07]. **Cluster-aware** [DD02]. **Cluster-cover** [SB98]. **Clustered** [CMP10, GBK07]. **Clustering** [HWF+23, 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, WGSH16, ZHL+23]. **CmpCNN** [ZHL+23]. **CMPs** [CAOM19, SYX12]. **CNN** [LCJ+22, LHC24, LYM+20, MS23, TWM+23, TZZH22, VFML23, YLY+23, ZHL+23]. **CNN-Based** [MS23, LYM+20]. **CNN-Cap** [YLY+23]. **CNNFlow** [NM23]. **CNNs** [PRKK21, WDD+23]. **Co** [CVMP19, CBR+22, Hua01, JSS+19, LCG+22, PGGD23, SKM+16, WWFT12, ZHC+23]. **Co-design** [CBR+22, ZHC+23]. **Co-optimization** [LCG+22]. **Co-scheduling** [PGGD23]. **Co-Simulation** [SKM+16, WWFT12, CVMP19]. **Co-synthesis** [Hua01]. **Co-Training** [JSS+19]. **coarse** [KLSP11]. **coarse-grained** [KLSP11]. **cocurrent** [KI01]. **Code** [AMR00, AM98, CL99a, FHHR21, MLH+17, TY97, BH10, 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]. **Coffeee** [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, 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** [Kha23, MLG12, PB14]. **Comparing** [VGG19]. **Comparison** [SA24]. **Comparisons** [PKC+21]. **compatible** [SGK08, WWC04]. **compensation** [CFHM09]. **Compilation** [SFM+19, SBH+06, YHL07, KLSP11, MSR09, VLGG01]. **Compile** [KNRK06].

Compile-time [KNRK06]. **compiled** [PHM00]. **Compiler** [HTC+23, 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]. **Compiling** [Edw03]. **Complementary** [CYLC24, QSW+15]. **Complementation** [Pom15a]. **Complete** [PDS12, AGM01]. **complete-** [AGM01]. **completeness** [LLYW10]. **Complex** [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, SA24, SSK+23, YFT17, ZBPF18]. **Compress** [XCW12]. **Compressed** [PBL+17]. **Compression** [BLNK14, EK16, 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, HHX+23, HXZ+23, JSS+19, MHA19, NRDB19, SN10, WLH20, XGC+20, YBM+21, ZXC+23, CLQ12, LC96, NR01]. **Concept** [AM10]. **Concept-based** [AM10]. **Concurrency** [SSG12, Sen11]. **Concurrency-aware** [SSG12]. **Concurrency-oriented** [Sen11]. **Concurrent** [SOC06, WH20, Edw03, EY12, HCLC98, LC13, RBA+12]. **Conditional** [CLH12, CCH15b, KW02]. **Conditionally** [CSC+21]. **conditions** [HN07, YH97]. **Confidence** [JT98]. **Configurable** [EAAK+23, LSPC14, LLQD23, BD08, LCD07, SPG+08]. **Configuration** [WCZ+24]. **Configurations** [HABS15, BHS11]. **Conflict** [GSD+18]. **Congestion** [RGM15, SYL09, SAHF+20, YWK+03, ZPLI23, LCJ+10, RL13]. **Congestion-Free** [RGM15]. **connection** [Yan11]. **connections** [YCCG03]. **conquer** [HPK99, SW12]. **Conscious** [LLP+16]. **Consecutive** [Yan17]. **Consideration** [JD18, LYLW17, WPL23]. **considered** [HN07]. **Considering** [BHLG19, CCK+18, GC18, JOH17, WCCC14, KPR06, LH13, LTPR+13]. **Consistency** [CJKS24, YP10]. **Consolidated** [HC17]. **Constant** [CHC+16, GYT12]. **Constant-Cost** [CHC+16]. **Constrained** [LLM01, LLLL18, NRM+24, PBF+22, RKKH24, Yan18, BG01, GOC02, LSDV10, MMP00, NG06, NR01, OKC08, SCB01, WG11, WLH20, WLCJ09, XPX+21, 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, BD05, CSAHR07, Hua01, QS09, SSP04, wATkK02, VLH98, WWG08, ZAZ13, ZW98]. **Constraints-driven** [Kuc03]. **Constructed** [ZXC+23]. **Constructing** [DSRV02, JZYZ15]. **Construction**

[DLK24, EK16, HGLC16, LLLL18, CM08, LH09, LYKW09, Yan08, ZCG06]. **Constructive** [LYL+23]. **Consumption** [FG18, 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** [RG19, BDC08, JHL02]. **context-aware** [JHL02]. **context-triggered** [BDC08]. **Context-Varying** [RG19]. **Contiguous** [KKLG15]. **Control** [AVG19, BDB12, BYT22, CGLH23, CS22, FHHR21, GDD21, JDD20, JK10, LDP+22, LJJ+22, MAS+20, PIK20, PCT+17, QSW+15, SS24, 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, HLW+23]. **Convolutional** [CHK+23, DCC+23, MNMK+21, NM23, NGL+21, YLY+23]. **cooling** [ANR13]. **Cooperation** [ATF+23]. **Cooperative** [LHF12]. **cooptimization** [ZLL13]. **Coordinated** [ANR13, DJP21, GGDN04]. **COPE** [DJP21]. **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, WGSH16, GG04, LV02, SSGS03, XZC09]. **CoreSight** [LLH+17]. **Corner** [KQP+19, MHD+04, Meh98]. **Corners** [GPS+24]. **correct** [ADS+09]. **Correcting** [PGCB16]. **Correction** [DZ18, RM09, WHXZ13]. **Correlated** [SCL+22, SXZV13]. **Correlations** [LYSO19]. **cosimulation** [FLPP09]. **Cost** [ABC+17, CHC+16, JPHL16, LSZ+24, MHT14, MJB19, QS09, BPRR98, BWB14, Giv06, HCK13, JDLZ24, LG12]. **Cost-Effective** [JPHL16, MHT14]. **cosynthesis** [Hsi00, Wol96]. **Counterfeit** [YFT17]. **Countermeasure** [HYK+20, OK20]. **Countermeasures** [CPK20, DZS+18]. **Counting** [PB12]. **coupled** [LMB+12]. **Coupling** [LDD+19, KJKK03, LXCH04, SKCM06]. **coupling-aware** [KJKK03]. **covariance** [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]. **CPU** [LG23, SEN05, 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, ZABGZ17]. **Cross** [APG24, EKEK22, KD24, VBP+19, WFT+19, XNZ+15]. **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, THL+13]. **Crossbar-based** [BXG+24]. **crossbar-switch** [THL+13]. **crossing** [SW99]. **Crosstalk** [LWH06, LDX22, HR06, JPCJ06, LCC11, MCMW08, Mut09, ZW98]. **crosstalk-driven** [JPCJ06]. **Crosstalk-Induced** [LDX22]. **CRP2.0** [ATF+23]. **Cryptographic** [LQD22, DP04]. **Cubes** [CLH12, WC10]. **Cubic** [HWL+23b]. **cuboidal** [WYC10]. **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** [CBMM10, MKK13, MSB+09, YLP+13]. **Customized** [PSP24]. **Cut** [SHL+19, CBHK11]. **Cutting** [LVS16]. **Cyber** [CXLL22, SKM+16]. **Cyber-Physical** [CXLL22, SKM+16]. **Cyberphysical** [PGCB16]. **Cycle** [BHY+24, LVS16, LS11, WZH+23, Das04, Pom14a]. **Cycle-Level** [LS11]. **cycled** [JSG09]. **Cycles** [KAKSP16]. **Cyclic** [BR12, Che18].

D [CWL+22, GH00, WCB15, ADDM+13, AJK+21, CLT+15, CBR+22, CXR+23, DLC+17, DLK24, DHZL23, JGM14, KK11, KKHK16, KLE18, LLKC13, LDD+18, LDD+19, LHZ+06, LHC16, LW17, LS19, LS17, MAL23, OS03, OCK19, PSP24, PRKK21, PKC+21, RL13, SA24, SKP21, SYX12, THM15, TMDF10, VILSL23, WYC10, WWCT18, WTW+23, XGC+20, YHH09, 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** [CPS16, CCMC20, DZCD15, FHHH22, JLK15, KW16, LWC18, LL19, NTSA18, NM23, OHA19, PCD+01, Pom16c, PAV17, PA21, SPC+15, SUC01, TYSF20, TZZH22, VTC20, WDD+23, WB+24, XCW12, XPZ+18, BHW+13, BK00, BWB14, BHS11, 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** [WB+24]. **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]. **Datapath** [JR97, PIK20, CL99b, GDTG07, MR05, XPSE12]. **datapaths** [Fuj05, GK07, GK09, NCP01]. **DC** [CFD+16, SBB+18, TWL16, WGT+17, WDC+22]. **DC-DC** [WGT+17, WDC+22]. **DCM** [TWL16]. **DCW** [WLZ+19]. **DDAM** [WDD+23]. **Deadlines** [ENP20, WJG+19]. **deadlock** [LM05, TDE08]. **deadspace** [SY07]. **Debug** [EW18b, LHLP16, HW14]. **Debugging** [Ali12, BHK17, RPKC05]. **Decade** [XFJ+16]. **decap** [LCL08]. **Decision** [CWL+22, HZL+22]. **decode** [TKVN07]. **Decoder** [CAP+23, SJL23, CCC+09a]. **decoders** [KHW06]. **Decoding** [CWL+22]. **Decomposition** [ETAV18, GBR07, HWDQ22, HCW+16, KHW06, LZ17, RFG20, YLZ+17, ZLY+15, CHHL96, CH00, EMO03, LM96, WSEA99]. **decomposition-based** [EMO03]. **Decompression** [PBL+17]. **Decoupled** [DMR23]. **Decoupling** [SCK18, XLS15]. **deduction** [DP02]. **Deep** [Ase23, CLL+22, EJR22, HZJC23, HLX+23, KZKAKP23, KLP+24, LYL+19, LCZ+24,

LPL+21, NHS23, PSP24, RNA+21, SKR+22, SQL+24, UPV23, ZHC+23, ZBG+23]. **DeepFlow** [APG24]. **Defect** [XAG+20, ACT13, JT98]. **defect-level** [JT98]. **Defective** [PB12]. **defects** [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** [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]. **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]. **dependent** [BLM00]. **depth** [CH00, LH09, ZCG06]. **depth-optimal** [CH00]. **depth-size** [LH09]. **derive** [GS00]. **derived** [CACS05, Zho08]. **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, DZS+18, DK22, DNT20, DHB16, EAP17, FZL+23, FHL+23, FLG+23, FMR23, FCZ+23, GACK22, GdRJM21, GCZ+15, GHYR19, HCRK11, HXB+22, HMMG+20, HLG+15, HHH+21, HKJ+23, ISK21, JCPL23, JDLZ24, JWL+03, JLK15, KKLP15, KGS+20, KO23, KP22, KLSZ09, KLSZ11, KLV15, KKS16, KAC+23, KSD+22, LLP+16, LW17, LJJ+22, LF12, LHK+15, LZZSV15, LQD22, LLQD23, LPL+21, MED23, MYSZ23, NWA+24, OT15, OHA19, PSD21, PLH+24, PMT20, PKC+21, PDS12, PBH+24, Pom14a, Pom16a, Pom18a, PS23, RFG20, RS18, SSK+23, SMBT19, Sch17, SBY+20, Shi20, SDP+09, SGGR14, SHBD21, SYGC22, SHN12, SESN15, SYX12, STGR15, SCL+22, TYSF20, TCL14, VGG19, VILSL23, VA17a, VEO16]. **Design** [WWCT18, WPR+19, WS22, WDC+22, WSS+18, WPL23, XPX+21, XLS15, XNZ+15, YPCF17, YD16, ZLG+19, ZGB+23, ZYS12, ZZL+23, ACT13, AHL+08, APB+08, AMM+06, ADP+07, BC05, BW00, BFP08, BASB01, CWW96, 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, LFG+09, LCL08, MOZ06, MBB01, MP07, MLG12, OCRS07, PB14, Ped96, Ped06, PBSV+06, PW99, RFYL98, RS98, SW12, SGD10, SYL09, 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, Pom14a]. **design-specific** [ACT13]. **Designed** [KMO+12, SPT+17]. **Designer** [SS11]. **Designing** [BLNK14, DZS+18, HBC+08]. **Designs** [EK16, GD20, HLL+24, LZY+23, LTZ22, MACV14, PHKW12, 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, GdRJM21, HWL+23a, MJB19, CBHK11, PWY05]. **Detecting** [DY23]. **Detection** [CBO+18, HDZ+20, JYY+22, KOO18, LXWC20, LYM+20, LL19, LM21, PTPB22, Pom16b, Pom17a, VTC20, WH20, YFT17, ZHC+18, CR12, DHZ+11, FNP09, KI01, KRK98, KSA+10, LM05, PR07, RM09, SCCH08, TDE08]. **Determined** [Pom18a]. **Deterministic** [EY12, KBV+15, LB11, ZHC+21, KT01]. **Deterministic-Path** [ZHC+21]. **detour** [YW09]. **Detours** [Yan19]. **developing** [SMSB05]. **Development** [THT12]. **developments** [Lin97]. **Device** [BXG+24, GHYR19, HXZ+23, ZXC+23, TZZH22]. **Device-Based** [GHYR19]. **Devices** [CLL+22, GAT+21, HSP+22, KP22, Kha12, LPLK22, LKH19, PGGD23, PTPB22, 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]. **Diagnostic** [HVF+01, HFMB20]. **diagonal** [DSKB04]. **Diagram** [HZL+22]. **Diagrams** [CM19, KC98]. **dictionaries** [LCT03]. **dictionary** [HH09]. **Diet** [LS23]. **difference** [Das09]. **differentiable** [Con06]. **Differential** [DMR23, HZJC23, JD18, LLP+16, DDFR13]. **differentiated** [WHXZ13]. **Digital** [CM18, DZCD15, GLD+22, JYHY21, LHC16, LCZ+24, LKC+18, MFHP12, MGR+15, MWK21, PGCB16, PBF+22, 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** [RGM15, SYH+22, KQP+19, WXH+19, YYC07, YYC09]. **Directed** [CHK+23, IE12, QM12, WLM21, CM13, HLCH07, HG07, LKTD98, MD08]. **Direction** [Yan18]. **Direction-Constrained** [Yan18]. **Directives** [SCL+22]. **discharging** [HLCH07]. **Discovering** [NGL+21]. **Discrete** [CHK+23, HLG+15, LGGJ14, MLG12, 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]. **Disturbance** [SBB+18]. **Disturbance-Free** [SBB+18]. **Divide** [SW12, HPK99]. **divide-and-conquer** [HPK99]. **Divided** [TMDF10]. **divider** [EKEK22]. **Division** [PY20, LWG+23]. **DME** [wATkK02]. **DNN** [CSO22, GYZ+22, HWDQ22]. **DNUCA** [DK16]. **domain** [FWCL05, IAI+09, JBC+10, LTPR+13, SCV06]. **domain-specific** [SCV06]. **Domains** [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, 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, ZZCY17]. **DRAM/PCM** [BLNK14, LYLW17]. **DRAMs** [LS19]. **DRC** [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, LNG+16, PBF+22, SKS+18, Yan16, YP10, ZFLS11, ZSY18, 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** [dONH23]. **Droplet** [LKC+18, RBWB20]. **DSA** [YLZ+17]. **DSP** [AFM14, CL99a, LP03, SXX+06, SESN15]. **DSPs** [AM98]. **Dual** [BLNK14, BPTB17, HS18, KKS16, 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** [CC06, WY06]. **During** [TPC+17, EW18b, HR06, MRC06, PTC+15, RGM09, XPSE12, YWK+03, YWW10, ZMTC13]. **Duty** [BHY+24, JSG09]. **Duty-Cycle** [BHY+24]. **duty-cycled** [JSG09]. **DVFS** [CXK+13, SQL+24]. **DVFS-induced** [SQL+24]. **Dynamic** [ADDM+13, BMJ13, BLUS19, BHS11, CLX+23, HKL+15, HRP00, HLX+23, HLW+23, IAI+09, LDP+22, LHW+17, LCZ+24, LV14, MNMK+21, MDR15, NDA+23, ORGD+15, PSP24, PBL+17, RNA+21, SKP21, SV11, WMT+16, WML+24, WGSH16, WZL+21, XPX+21, 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, LTZ22, PBL+17, SZB17, MKBS05, SYL09]. **Early-Release** [SZB17]. **Easy** [VS12a]. **EBL** [YYG+16]. **ECC** [KRH18]. **ECDSA** [DHB16]. **ECG** [APB+08]. **echo** [FIR+97]. **ECO** [DVA02, LG12, LNPL23]. **ECO-GNN** [LNPL23]. **ECR** [LTYW12]. **EDA** [JHMGS18, LZR23]. **EDF** [GDG+08, SZB17, WDZG16]. **Edge** [BPTB17, HS18, KP22, MS23, PGGD23, WB+24, RS98]. **edge-based** [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** [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** [WAZ98]. **Effects** [BDB98, BFL10, GC18, JIR+21, VFML23, MRB+11, RJBS09]. **Efficiency** [HSP+22, KKLG15, LWC18, RB19, TCL14, WH19, WCX+24, KJT04, ZAZ13]. **Efficient** [AKAKP18, BS14a, BHDS09, BW00, CK19, CCY22, CAOM19, CBC22, CYV+14, CSO22, CLC+24, DMR10, EO19, FHL+23, GADG19, GT21, GFJ16, HLZ+22, HMB98, HAB+17, HKB+07, HCS01, HMMG+20, HG07, HWX+14, JSS+19, JYY+22, JLK15, KBN09, KC10, KW02, LHLP16, LJ18, LDD+18, LCJ+22, LHZ+06, LWZ+19, LAYZ23, LZ21, LF12, LHCT05, LM96, LB11, MWS+20,

MNMK+21, MWK21, NTSA18, PMP17, QZZW24, RM09, RGM15, SV16, SMS22, SMBT19, SPC+15, SPMS02, SS14, SYGC22, SCK+23, SJL23, SRC15, TLCF16, TYSF20, TZZH22, VNS19, WKL+18, WS22, WJY+07, WWFT12, YPCF17, YCHT00, YP10, ZYW+18, ZLG+19, ZZL+23, ARLJH06, BP23, CD09, Das09, EKEK22, FNP09, GM03, GBC07, IBMD07, JS13, JP08, KL05, LCD07, LH13, MR96, MR05, MP07, MWG97, SGD10, SLXZ12, SKR+22, SHN12, SZV+12, VILSL23, VKKR02, Wu09, ZSZ10, ZYZ+13]. **efficient** [Zho08, LCG+22]. **Efficiently** [RCG+08, TY19, ADM+13]. **Eh** [DKT+16, DBK+18]. **Elastic** [LYL+19, SZB17]. **Electric** [AKM+22, VA17b]. **Electrical** [BHLG19, WM24]. **Electrode** [RBWB20]. **Electromagnetic** [JIR+21, WFSS20]. **Electromigration** [DNT20, HZJC23]. **Electron** [HCW+16]. **Electronic** [CH10a, HHH+21, KLSZ09, Kha23, KAC+23, 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** [HMVG13]. **eliminate** [Mut09]. **Eliminating** [SHLL98]. **Elimination** [LHF12]. **Elite** [ZKS+16]. **Embedded** [BMdG17, BD14, BS14c, BM11, BYT22, CHA+23, DFM15, EAP17, GAT+21, HCL+14, IK19, IGN18, JJH21, KC10, LS23, LL15, LHLP16, LHK+15, LL19, NSH+16, OHA19, PG15, RFG20, SPT+17, SL18, 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]. **Employing** [GS13, ZK15]. **emulated** [THC+14]. **Emulation** [ALLE20, LTZ22, ADP+07, HMVG13, KRK98, MW97]. **En/Decoder** [SJL23]. **Enable** [CLL+22, TZZH22]. **Enabled** [CXR+23, XRS+19, YSF+18, LDD+19, LSL+13, SLC+22, YFT18]. **Enabling** [BSP+22, IK19, JS13, SYGC22, ZHOM08]. **Encoder** [CAP+23, QSW+15, SLV+22]. **Encoder-Decoder** [CAP+23]. **Encoding** [CGV+23, MDR15, OT15, PMP17, YMB15, ZLG+19, KJT04, LCD07, LWC07, NT05, RTNL05, YGZ04]. **Encryption** [Che18]. **End** [ENP20, SJL23, GABP00]. **End-to-End** [SJL23, ENP20]. **Ended** [RM23b]. **Endurance** [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, SKR+22, TLCF16, TYSF20, TBCH17, VILSL23, WH05, WKL+18, WCX+24, XPZ+18, XPX+21, YB23, YPCF17, YP10, 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, WKL+18, YPCF17, BP23, EKEK22, MR05, SKR+22, VILSL23, SLXZ12, SHN12, Wu09]. **energy/thermal/cooling** [ANR13]. **Enforcing** [EWT23]. **Engine** [LLL+18, TMDF10, CNQ13, DP02, DP04]. **Engineering** [AYS20, CM18, EAP17, GDTF17, WSS+18]. **Engines** [HKL+15, VFML23]. **Enhance** [DLC+17, GS13]. **Enhanced** [CYH19, CGV+23, DZK+24, LKH19, Pom15a, PS23, TWL16, FWCL05]. **Enhancement** [CYLC24, HWL+23a, HWCL13, LCKT12]. **Enhancements** [Che18, PKC+21, ZAZ13]. **Enhancing** [CCK+18, GPS+24, NRDB19, PPP+15]. **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]. **EPGAs** [YTHC97]. **EPIC** [AMR00]. **ePlace** [LCC+15]. **Equal** [Pom21b]. **Equation** [Shi20, WTW+23]. **Equations** [HZJC23]. **Equipment** [GCL+16]. **Equivalence** [AA17, Fuj05, AGM01, HMB98, HCC01, KMS12]. **Equivalent** [Pom21b, MCMW08]. **Era** [HAB+17]. **ERfair** [NSH+16]. **Error** [CS22, DHZL23, HWL+23a, LTYW12, LD17, LWC18, LW21, PB12, PHKW12, PGCB16, SMS22, TLCF16, WH20, KI01, KSA+10, RM09, SCCH08, VAAH+98, WHXZ13]. **Error-Correcting** [PGCB16]. **Errors** [DFM15, RJBS09]. **Escape** [JD18, Yan17, Yan18]. **ESD** [PLH+24]. **ESL** [KSS+09]. **ESPSim** [LAYZ23]. **Establishing** [GSFT16]. **establishment** [AJM13]. **Estimate** [LMA+16]. **Estimates** [CM19, GS00]. **Estimating** [Meh98]. **Estimation** [APDC17, 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** [BBEM15, EBR+09, GD20, GQW19, HBPW14, IYF+21, LFST21, LTZ22, QBTM16, CHY05, JLF+12, LCOM07, PB14, SGJ96, WSV+14]. **Event** [KRL15, MCD12, 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, Sch17, FLWC07, FNMS01, NR01]. **Excitation** [SOS15]. **exclusive** [DK08]. **Execution** [APDC17, GDD21, HLZ+22, LSCK20, NRDB19, VGG19]. **EXFI** [BPRR98]. **exhaustive** [CMB07]. **Expansion** [MS17]. **experiment** [FIR+97]. **Experimental** [Das04, AYM05]. **Experiments** [LHK+15, BCC08, CIB01]. **Experts** [TEK18]. **Explaining** [YYL+15]. **explicit** [EK97]. **exploitation** [GFC+09]. **Exploiting** [GSD+18, JLK15, OT15, WKC12, WHXZ13, DSRV02, FW00, Kan06]. **Exploration** [BSZ+24, FLG+23, FMR23, FCZ+23, GACK22, HMMG+20, LLLL18, MA16, RFG20, RS18, Sch17, WS22, APB+08, CSL+07, EK97, JP08, KSS+09, LCOM07, MBB01, MSD06, PB14, PPDK09, RJL+09, SW12, SUC01, VCLD03, XPSE12]. **Explorer** [BSZ+24]. **Exploring** [CK19, QZZW24, TLCF16, WGDK07, 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]. **Extraction**

[BHBS22, HDZ+20, YLY+23, ZZL+23]. **Extreme** [HKJ+23, Pom15b].

fabric [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, JZYZ15, KKLG15, LZY+23, LH11, SMBT19, SGD10, STWX12, Tes02, TZ17, 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** [CYH19, CGV+23, EKS+14, GT21, GVJ15, HDB22, HWL+23b, IYF+21, JIR+21, JPM+19, LW17, LW21, LXWC20, LTZ22, NGL+21, Pom22, RRHB21, SQL+24, XCF18, Xia24, XGWL24, YYL+15, 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, NGL+21, SC06]. **FaultDroid** [RRHB21]. **Faults** [BDBB19, HDB22, MCD12, Pom17b, Pom19b, Pom20, Pom21b, ZHC+21, HVF+01, LTH99, LIA00, MT02, PT06, PR98, PR09, TYH08, XZC09]. **Faulty** [JCK+18, JPM+19]. **FBGA** [WPL23]. **Feature** [HDZ+20, VTC20]. **Features** [LL19]. **featuring** [EK97]. **Federated** [ZHC+23]. **Feed** [Ase23, LHS20]. **Feed-Forward** [Ase23, LHS20]. **feedback** [LWK11]. **FeFET** [LSZ+24]. **FeFET-Based** [LSZ+24]. **FET** [AKM+22]. **fetches** [KTKO13]. **FFT** [HDZ+20, TMDF10]. **FFT-based** [HDZ+20]. **FH** [HGLC16]. **FH-OAOS** [HGLC16]. **Fidelity** [WFSS20, SCL+22]. **Field** [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]. **Fine** [BYT22, LG18, LPY+20, RCW22]. **Fine-Grain** [LG18]. **Fine-Grained** [BYT22, RCW22, 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]. **Flash** [CCK+18, CWL+22, DHZL23, HCL+14, KC10, MWS+20, PPP+15, WQC+16, WL12, WZL+21, ZLW+15, HCK13, JCS+08, Wu09]. **Flash-Based** [HCL+14, KC10]. **flash-memory** [Wu09]. **Flattened** [ZYPC17]. **flexibility** [JDLZ24]. **Flexible** [BHK17, FMR23, IGN18, LKC+18, RS18, CL99b, MS00]. **FlexRay** [SGC+14]. **Flip** [HS18, HKJ+23, Kha23, KMO+12, LW21, VILSL23, XCW12, Yan16, KOS09, KSA+10, LLLC13, Yan11, ZMTC13, WB+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, SKCM06, WG11]. **Floating-point** [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, 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** [FHHR21, HMO+14, IGN18, KGS+20, KW16, LJJ+22, MJB19, NPH+20, NM23, PKC+21, PDS12, QSW+15, RJ14, XPX+21, ZGB+23, BFP08, DTC+09, FHHH22, GDF09, KMS12, LC13, OM08, WC06]. **Flow-Based** [KGS+20]. **Flows** [DZK+24, JLJ15, VGG19]. **Fluid** [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, HLL+24, KMS12, KG99, SSS+19, SGGR14, VS12a, ADS+09, CMM00, MR96, RFYL98, SMSB05, VS12b, Zho08]. **Formally** [KRH18]. **formats** [AMR00]. **Forming** [PR07]. **FORTIS** [GSFT16]. **Forward** [Ase23, GSFT16, GS00, LHS20]. **Foundation** [TB20]. **Four** [HGLC16]. **Four-Step** [HGLC16]. **Fourier** [LCC+15]. **FPGA** [AMM+18, ACT13, ALLE20, BS14c, BHS11, CWW96, CZW+03, CH00, CLC+24, DP02, EW18b, FW00, FHHR21, GPK+09, GVJ15, HABS15, HYK+20, HLHT08, HW14, JLF+12, KT96, KL05, KFH+08, LKM04, LLL+18, LM19, LWG+23, 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, ZLQ15, ZHTC09]. **FPGA-based** [MW97, ALLE20, PSNC18, DP02, GPK+09]. **FPGA/FPIC** [CZW+03]. **FPGAPRO** [LDX22]. **FPGAs** [CZW00, CEB06, CHY05, DVA02, GNGT21, GDG+08, KNRK06, LZY+23, LB11, MCZ+16, MLMM08, SPMS02, Tes02, VKT02, WG11, WS22, WTW+23, WLC02, WSEA99, YGH+10, YYLL09]. **FPIC** [CZW+03]. **Framework** [APG24, CSC+21, DK16, DSHD23, FMR23, GACK22, GDTF17, HWDQ22, HLZ+22, HRC21, HZJC23, HTC+23, JJH21, JSS+19, JPHL16, KPB19, LL15, LZY+23, LHC24, LIK22, LTZ22, LLQD23, LDX22, MBD+20, NPH+20, NDA+23, QZZW24, RG19, RB21, SKM+16, THT12, WLZ+19, WWFT12, XPX+21, YP10, ZLL+16, ZF23, ZFL22, ADP+07, HR06, HV07, KKJ+08, KH10, MPSJ07, MP07, RPKC05, SB98, SBH+06, SS11, ZM07]. **Free** [RGM15, SBB+18, ZBG+23, BLR06]. **frequencies** [PL03]. **Frequency** [GC18, JPHL16, WTR12, WGSH16, 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** [STWX12, HDL+12]. **Full-Chip** [STWX12]. **fully** [FW00]. **Function** [BHY+24, CSC+21, LYL+23, LLQD23]. **Functional** [CVMP19, DCK07, FMR23, FRS97, PR98, Pom15b, Pom15c, Pom16a, Pom16c, Pom18a, Pom18b, Pom19a, Pom21a, VLH98, WSEA99, XLY+18, CMB07, CK96, EWT23, LOC12, MT02, Pom13, Pom14b, Vah99, AG22]. **Functionality** [BFV15, HLCH07]. **functionality-directed** [HLCH07]. **Functions** [Ase23, BC11, CCQ98, TW96]. **Fundamental** [SBY+20, XLNB17, Voe01]. **FUNI** [LIA00]. **Future**

[HAB+17, Kha23, KBV+15, ZZCY17]. **FuzzRoute** [RGM15].

Galois [JDLZ24]. **GALS** [SS11]. **GALS-Designer** [SS11]. **game** [HR06, RJL+09]. **game-theoretic** [HR06]. **GAN** [LRHL24]. **GAN-Place** [LRHL24]. **GANDSE** [FLG+23]. **Garbage** [GSD+18, HCL+14, ZLW+15]. **Gate** [CM19, CDB11, Che96, CHK+23, HDB22, HMO+14, KKS16, LGGJ14, SV16, SRC15, VTC20, CCW08, CH02, CD96, CH00, HH09, LG12, LLYW10, PWY05, RGM09, SC00, WY06]. **Gate-Level** [CDB11, HMO+14, VTC20, CM19, Che96]. **gated** [CM08]. **Gates** [WSS+18, KOS09]. **Gateway** [HXC+18, JSG09]. **Gating** [CMP10, CLMZ10, KKHK16, WKC12, XLS15, BDM+99, ETR07, HTCP13, KBN09, SSCS10, YHL07]. **Gaussian** [ZYW+18]. **GBDD** [YTHC97]. **GEMM** [CSO22, WML+24]. **General** [CH02, HWF+23, LSZ+24, wATkK02]. **Generalized** [GMS+23, Pom15c, DS06]. **Generated** [CCH15b]. **Generating** [MFS09, MN17, PKJK20, KT01]. **Generation** [BKW15, BFV15, CYV+14, GMS+23, IE12, Kha23, LCY12, LV14, LCYN18, MFHP12, MCD12, NPH+20, PCT+17, Pom17a, Pom17b, Pom18b, SHD17, Shi20, STJG16, SOS15, VFML23, WLM21, WWW+12, YLZ+17, YD16, ZZL+23, AM98, 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** [FLG+23, LRHL24]. **generator** [BCR+08, WWC04]. **Generic** [SA24, FLWW02, FLWC07]. **Genetic** [MA16]. **Genetic-Algorithm-Based** [MA16]. **Geometric** [CM18, HWF+23, WJYZ11]. **geometry** [JCGP05]. **Global** [AOC02, BM11, CJKS24, DHNR23, GD22, RGM15, WSH+18, ZPLI23, CLYP09, DHV+00, 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]. **GPU** [CDB11, CBR+22, HCRK11, LLK+14, LH11, NHS23, SSN22, TYSF20]. **GPU-Based** [LH11]. **GPUs** [BYT22, SABSA15, SQL+24, TY19, WKL+18, ZWD11]. **Gradient** [SV16, GBC07]. **gradient-based** [GBC07]. **grading** [PT06]. **Grain** [LG18]. **Grained** [BYT22, RCW22, KLSP11, LPY+20]. **Grammar** [JHMGS18]. **Granularity** [RBWB20]. **Graph** [CHK+23, CH17, CBR+22, CXR+23, FCZ+23, HRC21, HLW+23, JHMGS18, JOH17, LB00, LJL+23, LNPL23, OKJH22, SSK+23, SS14, WYC10, WC06]. **Graph-based** [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, HXC+18, LAYZ23, MN17, SCK18, ZS16, MFS09]. **gridless** [LCC11]. **Grids** [BS14b]. **GRIP** [JHMGS18]. **Ground** [HC23, LHJ12, YHH09]. **Grouping** [XCW12, KSA+10]. **Guarantee** [MN17]. **Guaranteed** [PMS15]. **Guest** [CH10b, Mar00, SJ02, MYSZ23]. **Guidance** [ZKS+16]. **Guided** [YVC14, RNR+21]. **Guidelines** [WPR+19]. **Guiding** [EW18a].

Hamming [HRK18]. **Handling**

[DH06, GdRJM21]. **Hard** [CHBK15, CWL+22, NRM+24, WDZG16, PW99, QS09]. **hard/soft** [QS09]. **Hardened** [BS14c]. **hardness** [WYC10]. **Hardware** [ANS+20, BS14a, BSP+23, BM11, CMM00, CBR+22, DY23, DZS+18, GFJ16, GQW19, HJY23, HLL+24, IPWW17, KTKO13, KP22, LG18, LHF12, LF12, LPL+21, MED23, MRL+20, MFHP12, MCY23, MRL+19, NWA+24, PTPB22, RB19, SS24, SGJN24, SKR+22, TY19, VTC20, WSY23, XFJ+16, YSF+18, YCL+20, YBM+21, YGH+10, ZHC+23, 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** [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** [RBWB20]. **Hartley** [HHX+23]. **Harvest** [YB23]. **Harvesting** [SAL19, XPZ+18]. **hash** [YTHC97]. **Hashing** [CJKK19, JCK+18]. **hazards** [HA05]. **HBM** [PRKK21]. **HBM-like** [PRKK21]. **healing** [SS24]. **Heap** [JPM+19]. **Heaps** [KLK+17]. **heartbeat** [DHZ+11]. **heartbeat-detection** [DHZ+11]. **Height** [CZZYW21]. **HeM** [AJK+21]. **Heterogeneous** [AJK+21, CUA+24, DHW+23, ETAV18, GADG19, MBD+20, RKKH24, RS18, SPT+17, SVK17, SRKS23, SSL17, SAL19, SWT23, TBCH17, WTW+23, XPX+21, BWB14, CL99a, HV07, KJR+07, LLKY13, PTC05, QS09, SCB01, SKS12]. **Heterogeneously** [ZP08]. **Heuristic** [AKAKP18, HGLC16, CLM+10, LCKT12, OCRS07, SBGD13]. **heuristics** [TN99]. **HEVC** [SLV+22]. **Hidden** [HYK+20]. **Hierarchical** [CV17, HWL+23b, JDD20, LMB+12, LJ18, 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, MACV14, NSP+20, PSD21, PRKK21, PTC05, PFHAH22, RCW22, RJ14, RM23a, RM23b, Sch17, SYH+22, SS14, SLV+22, VAAH+98, WMT+16, WS22, ZYW+18, ZZ24, ZLG+19, 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]. **High-flexibility** [JDLZ24]. **High-Level** [CET16, CS22, FCZ+23, ISK21, RCW22, RJ14, Sch17, SS14, SLV+22, JD00, NSP+20, PTC05, PFHAH22, VAAH+98, WS22, 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, WMT+16, 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** [dONH23]. **History** [JM14]. **History-Based** [JM14]. **Hits** [SAL19].

HLS [SCL+22]. **Hmap** [YTHC97]. **HMP** [SPT+17]. **Hold** [LSZ+21, KSA+10]. **hold-driven** [KSA+10]. **holding** [Pom14a]. **Hole** [YLZ+17]. **Holes** [Pom21a]. **Holistic** [RGT+14]. **Hop** [AL19]. **HoPE** [PBL+17]. **Hot** [PBL+17]. **Hot-Cacheline** [PBL+17]. **Hotspot** [HDZ+20, JYY+22, LYM+20]. **HPC** [LZA+21]. **Huffman** [BH10, NT05, WZL+21]. **Huffman-based** [BH10]. **huge** [HCK13]. **huge-scale** [HCK13]. **Human** [BHBS22]. **Human-Readable** [BHBS22]. **HVAC** [JDD20]. **HW** [ADP+07, FLPP09, WWFT12]. **HW-SW** [ADP+07]. **HW/SW** [FLPP09, WWFT12]. **Hybrid** [BLNK14, GD22, GCL+16, HRC21, KKK12, LFST21, LZ17, LZ21, LYLW17, LV14, LGGJ14, MACV14, NAK20, PA21, SLXZ12, WSS+18, CLYP09, KT01, KKMB02, LCZ+08]. **Hypercube** [TMDF10].

I/O [LC13, SLC+22, Wu09, Yan16]. **IC** [ABC+17, AYS20, BHLG19, DLK24, EK97, IK19, KK11, KKHK16, 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** [LYL+23, VTC20, DNA+12, JDT+08]. **identify** [LIA00]. **Identifying** [XGWL24]. **Idle** [LC07]. **Idleness** [GSD+18]. **IDs** [SOS15]. **IEEE** [IIEKS23]. **II** [JW08, SA24]. **IIoT** [PTPB22]. **ILA** [HZS+19]. **illegal** [LIA00]. **ILP** [GBK07, MRC06, MWG97, OCRS07, OK08, SR12, WPL23]. **ILP-based** [MWG97, OK08, WPL23]. **Image** [GAT+21, RB19, WYIG07]. **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]. **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, Pom19b, WHXZ13]. **Improved** [DMR23, HWGY16, KKLP15, LWC18, Giv06, LV02, PDN97, Vah99, KO23]. **Improvement** [JGM14, KMO+12, THM15, DD02]. **Improvements** [KAKSP16, VLH98]. **Improving** [ALLE20, CL13, CHC+16, CJKS24, CWL+22, KRS06, KYL16, RAKK12, TWM+23, WDLD17, WSH+18, WH19]. **In-Cache** [BFG+19]. **In-Memory** [ZXC+23, HHX+23]. **In-network** [CXK+13]. **In-Order** [ZBPF18]. **in-place** [KCKG13, YWW10]. **In-Scratchpad** [DFM15]. **In-Situ** [SL18]. **inclusive** [TZ20]. **Incomplete** [Pom19b]. **Inconsistency** [XPZ+18]. **Increase** [KMR18]. **Increasing** [HW14, Pom22]. **Incremental** [BS14b, DNT20, EO19, HKV+07, LYCP17, LNG+16, SGGR14, 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, RRHB21, DHZL23, TCW20, SQL+24]. **Inductive** [IPWW17, HMLL11, LXCH04]. **Inductor** [WDC+22]. **Industry** [MCY23]. **Inference** [CBC22, HTC+23, KZKAKP23, KLP+24, LCG+22, LPL+21, MNMK+21].

Inferencing [PGGD23]. **Information** [HMO+14, NPH+20, RRHB21, ZZL+23, ZBPF18]. **Informative** [TEK18]. **Initializability** [CPR+02]. **Initialization** [WL12]. **Injection** [CGV+23, JIR+21, LTZ22, MLH+17, SQL+24, BPRR98]. **Input** [JK10, LV14, PIK20, Pom16a, Pom16c, Pom21b, SRC15, BD05, BH03, CCW08, KM97]. **Inputs** [Pom18a]. **Insertion** [GMS+23, HS19, LTW+16, PSD21, SHL+19, WZH+23, CW01, JHL02, LXCH04, LLHT12, LCL08]. **insertion/sizing** [CW01]. **Inspired** [WSY23, GNQ+22]. **Instinctive** [MVK+18]. **Instruction** [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** [HMLL11, HWX+14, HS19, JNCS19, KK14, KO23, KLE18, LLM+23, LZ21, NCP01, RGM15, SHD17, BWB14, LFG+09, XTW05]. **Integrating** [BMdG17]. **Integration** [APD+11, AJK+21, BPTB17, BRCS18, CUA+24, IGN18, JHMGS18, TMDF10, YD16, DL11, LHZ+06, SSP04]. **Integrity** [CUA+24, DCC+23, FHHR21, FHHH22, XRS+19, ZF23, XZC09, YHH09]. **intellectual** [KHP05]. **Intelligence** [KAC+23, MVK+18]. **Intelligent** [KP22, HCLC98]. **intensive** [KCA04]. **intent** [SDP+09]. **Inter** [DJP21]. **Inter-tile** [DJP21]. **interacting** [NCP01]. **interactive** [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** [WM24, CML98, CH96, XZC09]. **Interface** [HLL+24, LZZ23, LHLP16]. **Interfaces** [PMP17]. **Interference** [CIX15]. **Interleaving** [SPC+15]. **intermediate** [LTH99]. **Internal** [BDB12, Yan19]. **Internet** [DP04, TK18]. **interpolation** [CMNQ08, YHL+11]. **Interposer** [WCB15, WWCT18]. **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, CCY22, CO18, CLQ12, 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, MMM+22, PTPB22, XLNB17, YB23, YFT17, YFT18]. **IoT/IIoT** [PTPB22]. **IP** [BTP+20, BFV15, ISK21, JHMGS18, SLP+19, SSGS03]. **IP-Integration** [JHMGS18]. **IPs** [GSFT16, LLH+17, LG18, Sch17, VBP+19]. **Irregular** [CLX+23, KCKG16, KCKG13]. **ISAs** [SBH+06]. **Ising** [MS21]. **Ising-FPGA** [MS21]. **Island** [GMS+23, LCY12, GM08]. **Islands** [JPHL16]. **Isolation** [CCS15]. **Issue** [ADGSM22, BJX15, HAW20, LZR23, NWA+24, TK18, BC08, LP07, Ped06, Ped11]. **Iteration** [CZZYW21]. **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, ZLW+15]. **Journal** [SN10]. **JPEG2000** [GFC+09].

kEP [BCC08]. **kEP-SOPs** [BCC08]. **kernel** [EKEK22, WKR09]. **Kernels** [MLH+17]. **Key** [ISK21, JZG21, ZZL+23]. **Key-based** [JZG21]. **Key-Obfuscated** [ISK21]. **knapsack** [SBGD13]. **Knowledge** [EO19, 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]. **language** [MSD06, MLC08, PHM00, RHN00]. **languages** [BGM04, Edw03, SSG12]. **Large** [CK19, CSX+05, DNT20, GNQ+22, JZYZ15, LYL+19, NDA+23, WTW+23, YVC14, ZHC+21, AM10, DD02, HH09, MRB+11, SCB01]. **Large-Scale** [LYL+19, YVC14, CSX+05, GNQ+22, WTW+23]. **Last** [KLJ14, SABSA15, SAL19, CXK+13]. **Last-Level** [KLJ14, SABSA15, SAL19]. **Latch** [JNCS19, Kha23, LCHT02]. **latch-based** [LCHT02]. **late** [LG12]. **Latencies** [Sch17]. **Latency** [LWX+23, 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, DZ18, HWF+23, JYY+22, LZ17, LCYN18, RCK+15, SPC+15, TZ20, WPHL08, WPR+19, XK97, YLZ+17, ZLY+15, 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** [RG19]. **Learned** [XFJ+16]. **Learning** [ALLE20, CLL+22, CAOM19, CCMC20, CJKS24, DNT20, EW18a, GT21, HDZ+20, HAW20, HZJC23, HMMG+20, HXC+18, HFMB20, HHH+21, HC23, IE12, JBJ22, KP22, KLP+24, LG18, LYHL14, LZY+23, LCZ+24, LZR23, LG23, LPL+21, LRHL24, MBD+20, MYSZ23, NL24, NDA+23, NSP+20, PJL14, QZZW24, RKKH24, RNA+21, RPR+21, SKR+22, SCK+23, SWT23, SQL+24, SAHF+20, TEK18, WH19, WLH20, WS22, WDLX21, XAG+20, XGWL24, ZHL+23, ZHC+23, ZKS+16, ZHC+18, ZPLI23, CXS+23, STL+13]. **Learning-Based** [LG18, HFMB20, LG23, SWT23, XAG+20]. **Learning-to-Search** [NDA+23]. **Least** [JLJ15]. **Legalization** [CZZYW21, HNS23]. **Legalizer** [DBK+18, DBK+18]. **length** [CCC09b, Con06, LCT03]. **Lens** [KPSW09]. **Lessons** [XFJ+16]. **LET** [WLZ+19]. **LET-Based** [WLZ+19]. **Level** [CDB11, CET16, CS22, CLMZ10, DKZ+15, FCZ+23, HKL+15, HMO+14, HZS+19, ISK21, KLJ14, LL15, LG18, LS11, LXGM23, MNMK+21, PDS12, Pie16, RCW22, RJ14,

SABSA15, Sch17, SS14, SLV+22, SAL19, TYSF20, VTC20, WDLD17, WCZ+24, 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, RFG20, SW12, Sen11, SEN05, TC98, TJ99, Vah99, VAAH+98, VKKR02, VS12b, VBP+19, WTL+13, WS22, XK97, YWW10, ZHM07, ZLL13]. **Leveling** [CCH+15a, CHC+16, Kha12, CD09]. **levelized** [KPR06]. **Levels** [BFL10]. **Leveraging** [CS22, DSHD23, SQL+24]. **LFSR** [KJT04, Pom17a, Pom18b]. **LFSR-Based** [Pom17a, Pom18b]. **Libraries** [ACF+11]. **Library** [KRH18, KKS16, MCZ+16, BD97, DDNAV04, JD00]. **Library-Based** [MCZ+16, DDNAV04]. **lifecycle** [HDL+12]. **Lifetime** [AAA15, DLC+17, WDLD17, MHT14]. **Lightning** [SQL+24]. **Lightweight** [MPM+17, NSCM17, MMM+22]. **like** [PRKK21]. **limitations** [Voe01]. **limited** [LLKC13]. **line** [SNH02, ZYZ+13]. **Linear** [ACFM12, CGV+23, ETAV18, MFHP12, TZ17, DSRV02, KC98, LWK11, ST99]. **Linking** [HRC21]. **Links** [KQP+19]. **list** [HCS01, MHD+04]. **list-approximation** [HCS01]. **lists** [HVF+01]. **Lithographic** [LYM+20]. **Lithography** [HDZ+20, LZ17, ZLY+15]. **liveness** [MS08]. **LLC** [PBZM19, SJ23]. **LLCs** [PBL+17]. **LLR** [CWL+22]. **Load** [CLC20, LLHT12, Pom19a, Pom14b]. **Load-balanced** [LLHT12]. **Local** [BM11, KC13]. **Locality** [LDLM20, MT15, TYSF20, ZFLS11, GFC+09, Kan06]. **Locality-Aware** [MT15]. **Locality-Driven** [ZFLS11]. **Localization** [HDB22, YYL+15]. **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, KKH+02, KMO+12, LWZ+19, LSZ+21, LWC18, PA21, QZZW24, SLP+19, WB16, WCZ+24, WKC12, ZHJ+23, ZWD11, ARLJH06, BLM00, BDM+99, BOC00, CSKR05, CD96, GGBZ02, KJKK03, KMC97, KVMH08, LWH06, MW97, RJBS09, TW96, TN99, TJ99, VKT02, WVYG99, ZS02, 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, GBR07, GAT+21, HWDQ22, HLKN07, HTCP13, JDLZ24, KP22, Kha23, KLP+24, LTYW12, LS23, LSL+13, LSZ+24, LQD22, LS17, MED23, MKK13, MACV14, PMT20, PMB10, Pom14b, RFB10, RM23a, SMS22, SYH+22, SCK+23, SESN15, TWL16, TMDF10, WGT+17, WPR+19, YKCG14, ZK15, 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** [YKCG14, PMT20].

Low-Overhead [KLP+24, LQD22, PMB10]. **Low-Power** [ALL17, BPTB17, CH10b, CLMZ10, GBR07, GAT+21, HWDQ22, 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, VKT02]. **LUT-based** [CH00, KNRK06, LKM04, VKT02]. **LVS** [LBV+06].

MAC [BS14a]. **Machine** [ALLE20, BHBS22, CAOM19, CCMC20, CXS+23, CJKS24, DNT20, EW18a, HAW20, HMMG+20, HXC+18, HHH+21, HC23, IE12, KP22, LYHL14, LZY+23, LZR23, MYSZ23, NSP+20, RPR+21, SCK+23, SAHF+20, 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]. **MAESTRO** [RGT+14]. **Magnetic** [WDC+22]. **Magneto** [AKM+22]. **Magneto-Electric** [AKM+22]. **Main** [AAA15, BLNK14, NAK20, PBZM19]. **Makespan** [SRKS23]. **Making** [TCW20, XLNB17]. **Managed** [KLK+17]. **Management** [ABC+17, BM11, CHBK15, DLC+17, DMR10, GCL+16, HC17, HXC+18, JPM+19, KKLG15, LHW+17, LZA+21, MBD+20, MDR15, NDA+23, PJL14, 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, SA24, 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** [CPS16, CGLH23, ETAV18, GT21, GYZ+22, HABS15, HAB+17, HJY23, JBJ22, LFST21, SWT23, 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]. **Masking** [CYZL23]. **Massively** [ZWD11]. **Matched** [LCYN18]. **Matching** [CLC20, HWF+23, MS17, 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]. **MCMM** [EK16]. **McPAT** [LLK+14]. **MCUs** [MRB+11]. **MDE** [ORGD+15]. **mean** [Das04]. **Measurement** [APDC17, CRT19, JB98, XAG+20, LG12]. **Measurement-Based** [APDC17]. **Measurements** [LFST21, LYSO19]. **Measuring** [CHA+23, WAZ98]. **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, SKP21, JD00, MRB+11, NR03, OK08, RMB10, SPG+08]. **Memory** [AKM+22, BLNK14, BD14, CPS16, CCK+18, CIX15, CLX+23, DFM15, DHX+23, HJY23, JCK+18, JPM+19, KLSP11, KKLG15, LHS20, LDP+22, LZZ23, LLP+16, LCJ+22, LWZ+19, LPL+21, MWS+20, MS23, NAK20, NM23, PDN97, PPP+15, PRKK21, PBZM19, RPR+21, SHBD21, SSL17, TLCF16, TRM+16, TMDF10, VFML23, WQC+16, WDZG16, WFT+19, WDD+23, WGSH16, WZL+21, XNZ+15, ZXC+23, ZLW+15, ZZCY17, 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-constrained** [OKC08]. **Memory-driven** [NM23]. **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]. **metamodeling** [MPSJ07]. **Metastability** [PBH+24]. **Method** [AKAKP18, BZWZ17, CZZYW21, JSS+19, KO23, LCC+15, MNMK+21, RGM15, SYH+22, SRC15, STGR15, WTR12, WMT+16, WZL+21, YLZ+17, ZYW+18, ZPLI23, CGN96, CL99b, HW00, Kag05, LH13, LDK99]. **Methodologies** [PLH+24, BW00, CEB06, MD13, SSCS10]. **Methodology** [BFV15, DK22, EKEK22, EAP17, GMS+23, HXB+22, KKLP15, KJR+07, KMO+12, LW17, LSZ+21, LZ21, LZZSV15, LLLL18, NSP+20, SWT23, 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, ZBPF18, CFX09]. **microcontrollers** [CD09]. **MicroElectrode** [RB21]. **MicroFix** [YHL+11]. **Microfluidic** [CPK20, CGLH23, GLD+22, GHYR19, JYHY21, KGS+20, LHC16, 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** [LWC18]. **Mismatched** [WPL23]. **miss** [TY97]. **Missing** [HDB22]. **Mission** [BSP+22]. **Mistakes** [DHB16]. **Mitigate** [JIR+21, MDR15, RJBS09]. **Mitigating** [KS23, LHS+21, MRB+11, VFML23]. **Mitigation** [BFL10, HWL+23a, KD24, KRL15, MRL+20, HMLL11]. **Mixed** [BB17, CZZYW21, CYH19, HRC21, IGN18, KZKAKP23, KMR18, SZB17, TFW24, YVC14, ZABGZ17, ZSY18, AM05, KOS09, MS00, YWGI09]. **mixed-** [KOS09]. **Mixed-Cell-Height** [CZZYW21]. **Mixed-Critical** [IGN18, KMR18]. **Mixed-Criticality** [BB17, CYH19, SZB17, ZABGZ17]. **Mixed-Signal** [HRC21, STGR15, ZSY18, GMS+23, KZKAKP23]. **Mixed-Size** [YVC14, AM05]. **Mixing** [KR23]. **Mixture** [RCK+15, SKS+18]. **ML** [LYM+20]. **ML-based** [LYM+20]. **MLC** [JSA18, KYL16, MWS+20, PPP+15]. **MM*** [LH14]. **MNFTL** [MWS+20]. **Mobile** [CLL+22, GYZ+22, JZYZ15, LPLK22, LKH19, YPCF17, ISE08, JBC+10]. **MoC** [MPSJ07]. **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, EAP17, GFJ16, GGB97, JJH21, KW16, KLP+24, LH14, LJ18, LCG+22, LOC12, MS21, SZB17, TFW24, XLNB17, YWGI09, 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]. **Modeling** [BKW15, BLUS19, CVMP19, GS00, GCZ+15, LG18, LLK+14, LLQD23, PSL+98, QBTM16, RGT+14, RPR+21, SSS+19, TWL16, WTR12, WGT+17, ZHL+23, 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, HHL14, LS23, LFST21, LS22, MA16, RG19, WLM21, YLY+23, YBM+21, ZABGZ17, GMSSS02, LTPT10, MRC06, SGD10, SMSB05]. **Modern** [DKT+16, NTSA18]. **Modification** [JK10, PAV17]. **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** [SA24]. **MOEA/D** [SA24]. **Monitoring** [FYCT15, LL15, LHLP16, 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]. **MPSoC** [BGN+07, GK14, KKJ+08, KH10, SGD10].

MPSoCs [ADP+07, DJP21, EWT23, LFST21, MRL+20, MHT14, RGT+14, SKS12, SSL17, SWT23, YP10]. **MRAM** [JZYZ15, SMBT19]. **MSG** [WY06]. **MTCMOS** [HLCH07]. **Muller** [ZHJ+23]. **Multi** [BS14c, CYH19, EKEK22, ETAV18, EWT23, GACK22, HC17, JOH17, KGS+20, KLE18, KR23, LFST21, LWG+23, LG23, PBWB21, PBF+22, PY20, RKKH24, SA24, SFM+19, SBY+20, SCL+22, VILSL23, WFSS20, WZH+23, WDLX21, ZLY+15, ZGB+23, ZHJ+23, ZPLI23, dONH23, CNQ13, HGBH09, HMB98, KOS09, MPSJ07, PB14, Pom14a, RAKK12, SZV+12, Wu09]. **multi-** [KOS09]. **multi-bank** [Wu09]. **Multi-bit** [VILSL23]. **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]. **Multi-kernel** [EKEK22]. **multi-MoC** [MPSJ07]. **Multi-Mode** [JOH17]. **Multi-Objective** [GACK22, KLE18, SFM+19, dONH23, EWT23, LFST21, SCL+22, ZGB+23, PB14]. **multi-phase** [HMB98]. **multi-processor** [HGBH09]. **Multi-Resolution** [ZPLI23]. **Multi-Start** [ZLY+15]. **Multi-strategy** [ZHJ+23]. **Multi-Target** [KGS+20, PBWB21, PBF+22, KR23]. **Multi-threaded** [HC17]. **Multi/Many** [SA24]. **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, WDZG16, 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, PJL14, ZF23, JCS+08, SGK08]. **multilevel-cell** [JCS+08]. **multimedia** [HKL+07, ZHM07, ZHOM08]. **multimetric** [HR06, RGM09]. **Multimode** [SSGS03]. **multiplane** [AJM13]. **Multiple** [BM11, GYT12, GPS+24, KRL15, OKJH22, Pom16b, SRC15, 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]. **Multiplier** [EKEK22, SMS22, WCX+24]. **Multiplier-divider** [EKEK22]. **Multiplierless** [ACFM12, AFM14]. **Multipliers** [CXS+23, RMPJ08]. **multiprocessing** [ZM07]. **Multiprocessor** [CHBK15, CH17, JOH17, KFH+08, NSH+16, APB+08, DCK07, DCK09, DCK10, HCLC98, Kan06, MOZ06, WLL+11, WG11, ZAJ+12]. **Multiprocessors** [HAB+17, JGM14, KBV+15, PJL14, IAI+09, PTC05, ZYDP08]. **Multirate** [ZABGZ17]. **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]. **mutually** [DK08]. **Mux** [BH22]. **MVP** [LCJ+22].

n [RG19, PR07]. **N-detection** [PR07].

NAND [CWL+22, MWS+20, PPP+15, 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, LXCH04, MW97]. **nets** [JCGP05]. **Network** [Ase23, CM20, CHK+23, CARH18, DJP21, DNT20, DCC+23, EJR22, FLG+23, HZL+22, HCZ+16, HXC+18, HC23, KZKAKP23, KLK+17, LDD+18, LDD+19, LW17, LJJ+22, LJL+23, MT15, NHS23, PMT20, WXH+19, WDLX21, XS16, XCF18, YKCG14, YLY+23, ZHC+21, ZYS12, ZBG+23, CSC08, CL13, CM08, CXK+13, CCL04, GNQ+22, HW14, KMC97, LCOM07, LLKY13, LLKC13, OCRS07, RFB10, LCG+22]. **Network-Based** [Ase23, FLG+23, YLY+23]. **Network-on-Chip** [CM20, LDD+18, LW17, PMT20, XS16, XCF18, YKCG14, ZHC+21, ZYS12, CSC08, LCOM07, LLKY13, LLKC13]. **Network-on-Chips** [HCZ+16, GNQ+22]. **Networked** [KC10]. **Networking** [DZK+24]. **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, HMVG13, 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, EJR22, FLG+23, FCZ+23, GAT+21, GPS+24, HXZ+23, HLX+23, HTC+23, JYY+22, KZKAKP23, LHS20, LDP+22, LPLK22, LYL+19, LJJ+22, LJL+23, LNPL23, MNMK+21, NHS23, NM23, NGL+21, PSP24, SSK+23, UPV23, WXH+19, WDLX21, YLY+23, ZBG+23]. **NeuroCool** [PSP24]. **Neuromorphic** [BXG+24, GT21, LS22, XGC+20]. **Neuron** [ZK15]. **Neuron-MOS** [ZK15]. **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, DHZ+11, JSG09, ZHOM08]. **node-centric** [ZHOM08]. **Nodes** [ATF+23, BPTB17, LZA+21, NSS+16]. **noise** [GGBZ02, HR06, HMLL11]. **nominations** [Ano13]. **Non** [AKM+22, EWT23, GLY+12, HSP+22, HKJ+23, LL15, SL18, STJG16, WDLD17, ZYW+18, KCKG13]. **Non-enumerative** [STJG16]. **Non-functional** [EWT23]. **Non-Gaussian** [ZYW+18]. **Non-Intrusive** [LL15, SL18]. **Non-Monte-Carlo** [GLY+12]. **non-overlapping** [KCKG13]. **Non-uniform** [HKJ+23]. **Non-Volatile** [AKM+22, HSP+22, WDLD17]. **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, KKHK16, LWZ+19, LJJ+22, LLQD23, MS17, VNS19, DDFR13, SCCH08, Ped06]. **NP** [DK22]. **NP-Separate** [DK22]. **NPU** [LPLK22, RKKH24]. **NPU-Accelerated** [RKKH24]. **NSGA** [SA24]. **NSGA-II** [SA24]. **number** [HPK99]. **NVM** [BRCS18, SJ23]. **NVMe** [HC18].

O [LC13, SLC+22, Wu09, Yan16]. **OAOS** [HGLC16]. **OBDD** [FWCL05]. **Obfuscated** [ISK21, LMS16, RNR+21]. **Obfuscation** [AYS20, GDTF17, HYK+20, KSD+22, OK20, SLP+19]. **Obfuscation-Based** [GDTF17, HYK+20]. **Object** [SJL23, Wol96, HCLC98, Hsi01]. **Object-oriented** [Wol96, HCLC98, Hsi01]. **Objective** [GACK22, KLE18, SA24, SFM+19, dONH23, EWT23, LFST21, 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]. **offs** [FHHG12, PCC09, WVYG99, WGDK07, XPSE12]. **OLED** [LKH19]. **On-Chip** [ALL17, JNS+17, JZYZ15, SCK18, SMBT19, ZYPC17, DNT20, LCOM07, PLH+24, PDN00, WM24, WDC+22, ZSZ10, ADS+09, CCL04, KP13, LH13, NR03, PPDK09, YLP+13, ZM07]. **On-Demand** [AAA15]. **On-device** [TZZH22]. **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, SWT23]. **Op** [AG22]. **Op-Amps** [AG22]. **Opamp** [Shi20]. **OPC** [TZ20]. **OPC-inclusive** [TZ20]. **Open** [LRHL24, BCR+08, BD05]. **open-source** [BCR+08]. **OpenCL** [TL19]. **Operating** [EAAK+23, TWL16, TL19, PMB10]. **Operation** [BPTB17, CLMZ10, GDTF17, MACV14, KJR+07]. **Operations** [BC16, LWZ+19, LXWC20, ARLJH06, BG01, HPK99]. **operators** [BD05]. **OPportunistic** [SGJN24]. **opportunities** [VCLD03]. **Opposite** [HCN09]. **Opposite-phase** [HCN09]. **Optical** [DZ18, 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, BZWZ17, BHLG19, CZW19, CYH19, CWL+22, CK16, DHVW18, DHNR23, DZCD15, GLY+12, GK07, GPS+24, HRC21, HWF+23, HLG+15, HC23, HS19, HKJ+23, JBJ22, JPHL16, JNCS19, KKK12, KKS16, LFST21, LHC16, LZZSV15, LWG+23, LH11, LYCP17, NL24, NM23, PTS+20, PPP+15, PY20, RKKH24, SA24, SFM+19, SYHL14, SHBD21, SRTG19, SHL+19, SCK+23, SCL+22, TRM+16,

VILSL23, WHRC12, WFSS20, WTW+23, WDC+22, WKC12, WSRH16, WDLX21, XJF+23, ZGB+23, ZHJ+23, 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, MHT14, MKW09, MLG12, OM08, PCD+01, PEPP06, RGM09, RJBS09, SB98, SPA+03, THL+13, VKKR02, VLH04, WGDK07]. **optimization** [WLL+11, XZC09, GK09]. **optimizations** [GGDN04, KRS06, SSG12, SC00, ZHTC09]. **Optimized** [ACF+11, BC05, HCRK11, MJB19, VA17b, ZABGZ17, ZYS12, KCA04, SY07]. **Optimizer** [LDLM20]. **Optimizing** [GYT12, KSK+05, LPP00, LPLK22, LHC24, LAS01, RBWB20, SYZ08, 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** [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, MHQ07, PMB10]. **Overhead-aware** [WLL+11]. **Overlapping** [KCKG16, YYG+16, KCKG13]. **Overlay** [EW18b, LM19]. **Overscaling** [CS22]. **Overview** [SLP+19].

P3 [HK18]. **Pack** [ZHJ+23]. **Package** [WPL23, BC05, LC13, LCJ+10]. **packaging** [VLH98]. **Packed** [YCL+23]. **Packet** [MS17, VNS19, CL13]. **packings** [SYZ08]. **Packs** [SKM+16]. **pad** [IBMD07]. **padding** [SSP04]. **Page** [AAA15]. **Pair** [JD18]. **Pairing** [AAA15]. **Pairwise** [ZLY+15]. **paper** [GK09, QS11]. **papers** [CH10a, KLSZ09, Ped11]. **paradigm** [DS05, TYH08]. **paradigms** [Ped06, PBSV+06]. **Parallel** [DL11, EBR+09, EAP17, FZL+23, GDPRG11, JJH21, KLSZ11, KLK+17, KMC97, LAYZ23, LB11, Sch17, ZFLS11, ZS16, 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, MAL23, 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]. **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** [WDLD17, ZLL+16, CFHM09, WY06]. **partition-based** [CFHM09]. **Partition-Level** [WDLD17]. **Partitioned** [WDZG16, FWCL05]. **Partitioning** [CPS16, CXLL22, DHX+23, DHW+23, KD24, KLP+24, LSDV10, 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]. **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, 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]. **PCB** [Yan17]. **PCM** [AAA15, BLNK14, CCH+15a, CHC+16, HHK+17, LYLW17, PBZM19]. **PCM-Based** [PBZM19, AAA15, CCH+15a]. **PeaCE** [HKL+07]. **Peak** [JGM14, PTC+15, TPC+17, HCN09]. **PeaPaw** [TBCH17]. **Pegged** [IK19]. **Penalty** [JK10]. **per-Task** [LMA+16]. **per-word** [RMB10]. **Performance** [Ali12, BG01, BDBB19, CCS15, CWL+22, DKT+16, DBK+18, DLC+17, DHZL23, DKZ+15, FG18, GK14, GDD21, HWCL15, Kha23, KYL16, LHS20, LDD+18, LMW99, LLL+18, LS19, LLM+23, LTPR+13, NRZ+18, QBTM16, SYX12, TWM+23, TBCH17, TRM+16, TK18, THT12, THC+14, WY06, WMT+16, 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, BDB98, CGN96, PL98]. **Periodic** [CHBK15, Pom16c, SBY+20]. **Perpendicular** [RPR+21]. **Personalization** [TZZH22]. **Perspective** [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, MYSZ23, PKC+21, PTPB22, SKM+16, YD16, GWR13, HMVG13, MLG12, SYL09]. **Physically** [CSC+21]. **Piecewise** [HBPW14]. **PIM** [CXR+23, KLP+24]. **PIM-based** [KLP+24]. **Pin** [XYG+16, Yan20, OWH08, XTW05]. **Pin-Access** [XYG+16]. **Pins** [TFW24]. **Pipeline** [CRC15, RPKC05]. **Pipelined** [CHBK15, LF12, MED23, MRL+20, Hua01, MS08, MD08, NS03, RTNL05, YGH+10]. **pipelines** [HA05]. **Pipelining** [AA17, KLV15, BG01, BASB01, CACS05, CL99a, HV98]. **place** [KCKG13, YWW10, LRHL24]. **Placement** [ATF+23, DK16, HWGY16, HWL+23a, HWCL15, HKJ+23, JYHY21, JNCS19, KRL15, LLL+18, LNG+16, LCC+15, LB11, MCZ+16, MJB19, MAL23, PSD21, SAHF+20, TFW24, TRM+16, 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, IGN18, KLP+24, VGG19, FNP09, JCS+08, RFB10, ZHM07, PBSV+06]. **Platform-aware** [VGG19]. **platform-based** [ZHM07, PBSV+06]. **Platforms** [BS14c, ETAV18, LS11, LMS16, MBD+20, RS18, TBCH17, VGG19, WDZG16, YPCF17, BMJ13, CNQ13, JW08, LP07, MPDG09]. **Playing** [RJL+09]. **PMC** [CLH12, CCH15b, CH13]. **PMU** [APD+11]. **Point** [ALL17, BS14a, BFL10, SRC15, WZH+23, 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]. **port** [CL13, SBC08]. **port-scalable** [SBC08]. **portable** [LCZ+08, Rak09]. **Portion** [GD20]. **POSE** [Hsi01]. **Positioning** [HK18]. **Post** [GDD21, PTS+20, VILSL23]. **Post-clustering** [VILSL23]. **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, CMP10, CH10b, CHBK15, CXH+16, CAP+23, CGV+23, CLMZ10, DLC+17, DNT20, DCC+23, FG18, FZL+23, GBR07, GCL+16, GAT+21, HWDQ22, HPK99, HYN15, HC23, 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, PJL14, Ped96, PTC+15, RM23a, SCK18, SC00, SBC08, SYHL14, SSCS10, SESN15, TWL16, TRM+16, TMDF10, TCL14, VNS19, WVYG99, WGT+17, WZH+23, WC10, WSRH16, 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, HLCH07, HLHT08, HTCP13, JWL+03, KBN09, KP22, KKH+02, KOS09, KC13]. **power** [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** [XPZ+18, CSAHR07]. **Powerful** [LTYW12, MB04]. **PowerPC** [WAZ98]. **PPA** [LS23, MAL23]. **Practical** [CPK20, Pie16, UPV23, VJBC07]. **Practice** [MDM+12, SSCS10]. **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]. **Prediction** [CS07, CBC22, DNT20, DCC+23, DKZ+15, FG18, HWX+14, JGM14, LPY+20, LNPL23, PBL+17, SAHF+20, YB23, CR12, OM08, SYL09]. **prediction-based** [OM08]. **Predictive** [AVG19, HW00, TKVN07]. **Preemptive** [IHM15, SSC17, GDG+08]. **Preface** [YD16]. **Preferred** [Pom18a]. **Prefetching** [DJP21, LV02, PSP24]. **prefix** [LH09, ZCG06]. **Preparation** [PGCB16, PBWB21, PBF+22, RCK+15, SKS+18]. **prescribed** [DSRV02]. **Presence** [EKS+14, MCMW08]. **Preserving** [HK18, HTC+23]. **Prevent** [WSS+18]. **Preventing** [YCL+20]. **Previewer** [HFMB20]. **Primary** [Pom16a, Pom21b]. **Primitive** [MMM+22]. **Principle** [CHBK15]. **Principles** [SBY+20, Ped96]. **Print** [DZCD15]. **Printed** [GDTF17, OW06]. **Priority** [IHM15, KPF16, LMS16, WDZG16, MHQ07]. **Priority-Aware** [KPF16]. **Priority-Preemptive** [IHM15]. **Privacy** [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** [SB98, WGDK07]. **Procedure** [Vah99]. **Process** [AKAKP18, BHY+24, BHLG19, GC18, LWZ+19, RJ14, TWM+23, VEO16, CS07, GM08, KTKO13, KPR06, LG12, LH13, LTPR+13]. **Process-in-memory** [LWZ+19]. **processes** [JB98]. **Processing** [BM11, GFJ16, GDD21, HXB+22, LCJ+22, LYL+19, LS22, MFHP12, PRKK21, WDD+23, HMVG13, JSG09, LPP00, NM13, TYH08, ZHOM08]. **Processing-In-Memory** [WDD+23]. **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, OCRS07, PDN97, PDN00, RFB10, SGD10, WKR09]. **processor-based** [PDN00]. **Processors** [CRC15, JZYZ15, KAKSP16, KLK+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** [PBWB21, PKP+03]. **profile** [ZSZ10]. **Profiling** [KLP+24, SMBT19, THC+14]. **Profiling-Based** [SMBT19]. **Program** [HKL+15, 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, ETAV18, KLSZ11, TFW24, TZ17, WLZ+19, ADDM+13, GH00, KLSZ09, KKJ+08, TP08, WJYZ11]. **programming-based** [ADDM+13]. **Programs** [PMS15, SYHL14, EY12, Vah02, YWGI09]. **Progressive** [KC10]. **project** [WLT08]. **projective** [DL11]. **Prolonging** [AAA15]. **Proof** [CCMC20, IPWW17].

Proof-Carrying [IPWW17]. **Propagation** [AL19, MCD12, KPR06, RCD07, YH97]. **Properties** [CVMP19, HBPW14, RGT+14, WFT+19, BDC08, BH03, BFP08, BZ08]. **property** [KHP05]. **Protect** [MLH+17]. **protected** [LSDV10, RMB10]. **Protecting** [DFM15, GSFT16, YBS+18]. **Protection** [GDTF17, LSZ+24, PLH+24, SLP+19, KHP05]. **ProtFe** [LSZ+24]. **Protocol** [LXGM23, ADS+09, BGM04, DP04]. **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, ZBG+23, DHV+00]. **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]. **Pulse** [HWL+23a, LQD22]. **Push** [KMO+12]. **PV** [DZ18]. **PV-Aware** [DZ18]. **PVT** [PPDK09]. **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]. **Quantum** [HZL+22, LSZ+21, ZFL22]. **Quenching** [HWL+23a]. **Queuing** [SSL17]. **Race** [BK10, HN07]. **Radio** [JDT+08, JSG09]. **Radix** [BS14a]. **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]. **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]. **Reachable** [XLNB17]. **React** [ADB+19]. **Reaction** [LHC16]. **Reactive** [WLZ+19, ZABGZ17, PSL+98]. **Read** [DHZL23, JSA18, LHS+21, PPP+15, WHXZ13]. **Readable** [BHBS22]. **Real** [CHBK15, CBC22, CH17, DZK+24, FG18, FHHR21, GYZ+22, HXC+18, KPF16, LSCK20, 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** [CHBK15, CBC22, CH17, FG18, GYZ+22, HXC+18, KPF16, LSCK20, NSH+16, NRM+24, PSNC18, SSC17, SBY+20, SLV+22, WLZ+19, WDZG16, WJG+19, YRH11, ZLW+15, DZK+24, FHHR21, SWT23, APB+08, DRG98, HMVG13, MHQ07, PEPP06, PW99, WLL+11, ZAZ13]. **realistic** [MFS09]. **Reality** [XLNB17]. **Realization** [ACFM12, CHHL96]. **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, 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]. **Reduce** [CIX15, JK10, Pom16c]. **Reduced** [PAV17, 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, WDLD17, 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]. **reference** [AOC02, SM00]. **Refinement** [TFW24, CLM+10, GGB97, MS08, MOZ06]. **refit** [DVA02]. **Refresh** [CJKK19, LSL+13]. **Region** [BZWZ17, ZGB+23]. **Regions** [JCK+18]. **Register** [GF10, HWCL15, LHF12, LQD22, MHF96, TLCF16, WKL+18, XLL+16, CACS05, CFX09, HCN09, KI01, KNDK96, LWK11, VKKR02, ZYP09]. **register-file** [CFX09]. **Registers** [PBH+24, CL99a]. **Regression** [BBD00, GD20]. **Regression-based** [BBD00]. **Regular** [XYG+16, CH13]. **regulation** [ZLL13]. **Reinforced** [MAL23]. **Reinforcement** [JBJ22, LCZ+24, NL24, PJL14, QZZW24, SKR+22, WDLX21, XGWL24, 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, GS13, JS13, KVMH08, LH13, ZAZ13]. **Reliability-Aware** [BHY+24, CET16]. **Reliability-Driven** [LHJ12]. **Reliable** [BJX15, GC18, JPCJ06, MACV14, WZL+21, XCF18, XNZ+15]. **Relocation** [HWF+23, LLLC13]. **Remote** [BSP+22, CRT19, KOO18, KC10]. **Removal** [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** [ZLQ15, EY12]. **Replication** [DFM15]. **Representation** [HZL+22, CCQ98, YYC09]. **Representations** [KQP+19, YCCG03]. **Representative** [FYCT15, PKJK20]. **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]. **ReRAM-based** [HXZ+23, LJJ+22, LHC24]. **ReSC** [YFT18]. **rescheduling** [GK14]. **Rescuing** [HXZ+23]. **Research** [BRCS18, MRL+19, XFJ+16]. **reseeding** [KJT04]. **Reservation** [HC18]. **Reserved** [KKLG15]. **reset** [SPA+03]. **Reshaping**

[TZZH22]. **Residential** [VA17a]. **Residue** [MGR+15]. **Resilience** [GD20, LWC18]. **Resilient** [BJX15, BC16, CRC15, KKLP15, SMS22]. **Resistance** [CYLC24, KYL16]. **Resistant** [Kha12]. **Resistive** [CYLC24, EBR+09, LWZ+19, TLCF16, WFT+19, XNZ+15, LLQ+03, SKCM06]. **Resolution** [ZPLI23]. **resolving** [Das09]. **Resource** [CET16, CS22, DK08, FS13, HC17, KK14, LZY+23, LF12, MBD+20, PBF+22, TCL14, WG11, WLH20, WGSH16, BDB98, CFX09, HLKN07, Kuc03, LSDV10, MKK13, MJM11, NR01, WGDK07, YWW10, ZHOM08, KMR18]. **Resource-aware** [FS13]. **Resource-Constrained** [PBF+22, WG11, WLH20, LSDV10, NR01, ZHOM08]. **Resources** [DHW+23, JNS+17, PGB01]. **Response** [CH17, KS23, PMS15, SSO16, DC07, SCJ01]. **Responses** [XCW12]. **Responsiveness** [SLC+22]. **Restore** [ZZCY17]. **Restricted** [KD24]. **results** [AYM05]. **Resynthesis** [WPR+19]. **Retargetable** [PHM00, AMR00, KKJ+08, VLGG01]. **Retargeting** [DZ18, IIEKS23, WJYZ11]. **Retention** [CJKK19]. **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, ZSY18]. **Revitalized** [PCT+17]. **Rewarding** [TEK18]. **Rewiring** [LTYW12, CMB07]. **rewriting** [ARLJH06]. **rewriting-logic** [ARLJH06]. **RF** [BBEM15, HCZ+16, LYSO19, LZ21, PTS+20, SA24]. **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]. **Ripple** [HWGY16]. **rISAs** [SBH+06]. **RISC** [BSZ+24, HV98, YCL+23, ZBPF18]. **RISC-V** [BSZ+24, YCL+23]. **risk** [DS05]. **Risks** [MCY23]. **river** [ZW98]. **RL** [NT05, XGWL24]. **RL-Huffman** [NT05]. **RLC** [MN17]. **RO** [PBH+24]. **RO-driven** [PBH+24]. **Robust** [ATF+23, BJX15, BP23, CZZYW21, DZ18, GCZ+15, MCD12, PBWB21, STGR15, TLCF16, ZK15, ZHC+23, CLYP09, ST99]. **Robustness** [BHLG19]. **Role** [CK19]. **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]. **Router** [PMT20, TCL14, XS16, CLYP09, JCGP05, MLC08, TDF+09, wATkK02]. **Routers** [JM14]. **Routing** [ATF+23, CLC20, DLK24, GdRJM21, GKM05, JD18, LHJ12, LLLL18, LWG+23, 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, 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** [SAL19, HNS23, LC13]. **row-based** [LC13]. **Row-Buffer** [SAL19]. **RRAM** [LXWC20]. **RRAM-based** [LXWC20]. **RSMT**

[TFW24]. **RSMTs** [DLK24]. **RSPP** [KD24]. **RTGC** [ZLW+15]. **RTL** [BK00, BBD00, BFP08, BFV15, Fuj05, GS00, ISK21, LZY+23, LV14, PGB01, PSK08, PIK20, WLM21, XK97]. **Rule** [GdRJM21, KMO+12, MS17, VNS19, ZZL+23, RS98]. **Run** [DP02, KS23, HMLL11]. **Run-time** [DP02, KS23, HMLL11]. **Runtime** [BHW+13, LL15, LPL+21, NRZ+18, VTC20, WXH+19, ADDM+13, GFC+09, GDG+08, HW14, RCG+08, SKS12, WJY+07, YGH+10]. **runtime-reconfigurable** [GDG+08].

Saber [CYZL23]. **safe** [ZMTC13]. **Safety** [MN17, XLY+18, dONH23, MS08]. **Safety-Related** [dONH23]. **Salsa20** [MAS16]. **Sample** [PGCB16, PBWB21, PBF+22, ZKS+16]. **Sampling** [WTR12, ZYW+18]. **SAT** [CLM+10, Che18, CYV+14, DP02, IIEKS23, RCD07, SGK08]. **SAT-based** [CLM+10, IIEKS23, SGK08]. **Satisfiability** [BR12, GMSSS02, OK20, PG15, GPK+09, HSA+04]. **satisfying** [QS09]. **saturation** [CCL03]. **Saving** [RM23a, HW00]. **Savings** [LKH19]. **Scalable** [AA17, KLK+17, LAYZ23, PJL14, SS24, SESN15, SKM+16, ZF23, HG07, KCKG13, SBC08, SBGD13, WSV+14]. **Scalable-Throughput** [SESN15]. **Scale** [DNT20, HC17, LYL+19, YVC14, ZHC+21, CSX+05, GNQ+22, HCK13, WTW+23, KBA08]. **Scaled** [PHKW12]. **Scaling** [GC18, HC17, HHL14, LV14, WGSH16, IAI+09, KSA+10, ML09]. **Scaling-Aware** [HC17]. **Scan** [BKW15, KMO+12, LWC07, LWK11, PSD21, Pom16b, Pom16c, Pom17b, 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, GPH+09]. **Scenario-Aware** [BLUS19, KW16, SWT23]. **Scenario-based** [DCK09]. **Scenarios** [NRZ+18, SPG+08]. **Schedulability** [GDG+08]. **Schedule** [SGC+14]. **Scheduler** [NSH+16, SRKS23, JP08]. **Schedules** [GDD21, DSRV02, LC96]. **Scheduling** [ABC+17, BB17, BDBB19, CACS05, CIX15, DZK+24, DHX+23, DHW+23, ENP20, JOH17, KPB19, LHW97, MAS+20, NRM+24, OKJH22, PMS15, 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, KKLG15, KLK+17, LTYW12, 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]. **Script** [ZZL+23, NPH+20]. **Scrubbing** [SVK17]. **SDF** [OKJH22]. **SDF/L** [OKJH22]. **Search** [FZL+23, JYY+22, LPLK22, NDA+23, 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, LSZ+24, LSCK20, YCL+20, HBC+08, ISE08, HRK18]. **SecureTVM** [HTC+23]. **Security**

[CM20, CPK20, CYLC24, GQW19, GLD+22, HMO+14, KAC+23, KSD+22, LHLP16, LZZSV15, LQD22, LMS16, MMM+22, MAS+20, MCY23, MPM+17, NSCM17, NWA+24, RNR+21, SLP+19, TK18, WM24, WLM21, YSF+18, YBM+21, DP04, IAI+09]. **Security-Aware** [KAC+23, LZZSV15, LMS16, MAS+20, NWA+24]. **Seeds** [Pom17a]. **Segment** [WL12]. **Segment-Based** [WL12]. **Segmentation** [LCG+22]. **Segmented** [HSA+04, JWL+03, YCHT00]. **Select** [Pom18a]. **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, PIK20, SS24, SBB+18, SJ23, SHL+19, WCB15, WZH+23, XYG+16, SEN05, SZV+12]. **Self-Aligned** [SHL+19, XYG+16]. **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]. **Sense** [ADB+19, DMR23, RM23b]. **Sensing** [DMR23, LSCK20, LTH99, WJY+07]. **Sensitive** [CHA+23, DZK+24, YBS+18]. **Sensitivity** [LM21, LON08, PMB10, ST99]. **Sensor** [CCMC20, NSS+16, PDS12, ZHC+18, DHZ+11, JSG09, LCK+09, RFB10, ZSZ10]. **sensor-driven** [ZSZ10]. **Sensors** [FG18, RG19, YHL+11]. **Separate** [DK22]. **Separation** [EK16]. **sequence** [GF06, LC07, MMP00]. **Sequences** [PKJK20, Pom15b, Pom15c, Pom17b, Pom18a, 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** [PMP17]. **Serialized** [KH10]. **Series** [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]. **SG** [KPB19, ZZL+23]. **SHAIP** [HRK18]. **Shannon** [GBR07]. **shaped** [Meh98]. **shapes** [LM96]. **Shaping** [KLK+17]. **Share** [RG19]. **Share-n-Learn** [RG19]. **Shared** [KLJ14, SHBD21, ZAZ13]. **Sharing** [CS22, LF12, RG19, TCL14, WGSH16, BDB98, DK08, SHLL98]. **Sherlock** [GACK22]. **shield** [LXCH04]. **shielding** [Mut09]. **Shift** [HWDQ22, PBH+24, Pom21b, PTC+15, WC10, WWW+12, LWK11, WPHL08]. **shifter** [Kag05]. **Shifts** [LS19]. **short** [SSP04]. **short-path** [SSP04]. **Shuffling** [HHK+17, KJR+07]. **shutdown** [HW00]. **SID** [LHK+15]. **SID-Based** [LHK+15]. **Side** [BSP+22, CYZL23, DZS+18, LSZ+24, LQD22, LM21, NPH+20, ZBPF18]. **Side-Channel** [DZS+18, LSZ+24, LQD22, ZBPF18, CYZL23, LM21, NPH+20]. **Side-Channels** [BSP+22]. **sided** [Yan19]. **Sigma** [ZYW+18]. **Signal** [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]. **Simulated** [ZYS12, SMYH07].

simulating [RHA08]. **Simulation** [BLUS19, CDB11, EKS+14, EO19, GDPRG11, HBPW14, HIW15, HPB11, IHM15, LS22, MDM+12, PLH+24, PRCK08, ST99, SKM+16, WFSS20, WWFT12, XJF+23, 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, CCX06, CCW08, CW01, MRC06, YHH09]. **simultaneously** [HLCH07, SSP04]. **Single** [BD14, HCW+16, KRL15, LSZ+21, LQD22, RM23b, SKS+18, SSL17, VEO16, Yan19, Yan20, PTC05, VJBC07, YW09]. **Single-** [SKS+18]. **Single-Chip** [BD14, PTC05]. **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]. **Size** [KCKG16, YVC14, ZLG+19, AMR00, AM05, FNMS01, HH09, HKV+07, LDK99, LH09, SBH+06]. **Sizing** [CHK+23, DZ18, KKS16, LLM+23, LZ21, LGGJ14, SV16, SCK+23, ZLL+16, 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]. **Snoop** [PCT+17, ZYDP08]. **Snooping** [GD22]. **SoC** [HZS+19, GM03, GDF09, XZC09, BHW+13, DCK10, 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, 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, BM11, CBR+22, HLL+24, JHMGS18, JJH21, KMR18, LLP+16, LHF12, SYGC22, THT12, 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-Based** [ANS+20]. **Software-Defined** [JHMGS18]. **Software/Hardware** [CBR+22, HLL+24]. **Solid** [CCS15, CD09, CCYC14]. **Solid-State** [CCS15, CCYC14]. **solid-state-disk** [CD09]. **Solution** [GSFT16, JNS+17, YFT17, YFT18, FNMS01, SR12]. **Solutions** [WFT+19, CW01, NR01]. **Solver** [MS21, XJF+23]. **solvers** [DP02, QSK12]. **Solving** [CYV+14, HZJC23, WGDK07]. **Some** [KAKSP16]. **SOPs** [BCC08]. **Sorting** [ZMP16, Yan00]. **Source** [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, PGGD23, RS18, Sch17, SHBD21, WS22, 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** [WML+24]. **Spatial** [GFC+09, RB19, Das09]. **Spatio** [SSC17]. **Spatio-Temporal** [SSC17]. **Special** [ADGSM22, BJX15, BMdG17, CCY22, CO18, 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, 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]. **SQLite** [LLP+16]. **SRAM** [CCC+09a, DMR23, HHL14, JLF+12, NdLCR03, PS23, RM23a, RM23b, ZYW+18]. **SRAM-based** [JLF+12]. **SRAM/71mW** [CCC+09a]. **SRAMs** [RM09]. **SSA** [MHA19]. **SSA-AC** [MHA19]. **SSAGA** [SBR+17]. **SSD** [WHXZ13]. **SSDs** [GSD+18, HC18, LHS+21, SLC+22]. **SSER** [PHKW12]. **Stability** [HHL14]. **Stack** [APG24, WDZG16]. **Stacked** [SYX12, THM15, LHZ+06]. **Stacking** [HKJ+23]. **Stage** [LZ17, Shi20, KSA+10]. **Stage-form** [Shi20]. **Stages** [KO23, SYL09]. **staircases** [MSKBD07]. **Stairway** [MHD+04]. **Standard** [ACF+11, DBK+18, KRL15, 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, Pom15a, BDC08, CD09, CCYC14, CK96, CHHL96, HRP00, Pom14a, SNH02]. **State-Based** [AVG19]. **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]. **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]. **Stochastic** [BH22, GLY+12, MMP00, GBC07, NM13]. **Stopper** [PCT+17]. **Storage** [BD14, CCH+15a, CGLH23, HWDQ22, Kha12, KCA04, WQC+16, ZLW+15, ZMS+19, BD08, Meh98, Wu09]. **storages**

[HCK13]. **STR** [ZZ24]. **STR-based** [ZZ24]. **Straightforward** [LH09]. **Strategies** [HJY23, JM14, XLS15]. **Strategy** [KKHK16, ADDM+13, ZHJ+23]. **stream** [LWK11, NM13]. **Streaming** [LWX+23, RS18, TY19, ZLL+16, ZMP16, FHHG12, KSS+09, WLL+11]. **Streamlining** [LWX+23]. **Stress** [HZJC23, LS19, WXH+19]. **Stress-based** [HZJC23]. **Stress-Induced** [LS19]. **striping** [CCYC14]. **Strong** [AYS20]. **Structural** [CML98, CH00, AYM05, CL99a, HA05, VLH98]. **Structure** [AG22, KKHK16, FWCL05]. **Structured** [HLX+23, THL+13]. **Structures** [TB20, BK00, DDFR13, GMN+13, Hua01, Meh98]. **STT** [JZYZ15, LSL+13, SABSA15, SMBT19, WSS+18]. **STT-MRAM** [SMBT19]. **STT-RAM** [SABSA15]. **Stuck** [TPC+17, HVF+01, PR09]. **Stuck-At** [TPC+17, HVF+01, PR09]. **Study** [LLP+16, LYM+20, MAL23, LC13, MLG12]. **Style** [CFD+16]. **Styles** [LCYN18]. **Sub** [BFL10, PS23]. **Sub-45nm** [BFL10]. **Sub-threshold** [PS23, SHN12]. **Subgraph** [LNPL23, 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]. **Suited** [GYZ+22]. **sum** [DK08]. **sum-of-product** [DK08]. **SUPERB** [EBR+09]. **Superposing** [ZZ24]. **Supervised** [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** [WFSS20, ZBG+23]. **Surrogate-Based** [WFSS20]. **Survey** [BFG17a, BRCS18, GLD+22, HHH+21, KAC+23, LM19, Mit16, MRL+19, PTPB22, RJ14, SSK+23, WM24, WCX+24, BD97, CEB06, KG99, KP13, SW04]. **survivability** [ACT13]. **suspect** [DNA+12]. **Suspension** [NSH+16]. **Sustainable** [CXH+16]. **SW** [ADP+07, BFV15, FLPP09, WWFT12]. **Swarm** [HLG+15]. **Switch** [CYLC24, MMM+22, CWW96, CZW+03, FLWW02, FLWC07, KS23, RFYL98, THL+13, ZHTC09]. **switchboxes** [DSKB04]. **switched** [CSC08, HWCL13]. **switched-capacitor** [HWCL13]. **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, CXS+23, CS22, CLMZ10, CCL03, EO19, EWT23, FCZ+23, GBR07, HS18, HRC21, HMVG13, HCZ+16, ISK21, JJH21, KK14, KKK12, KKS16, LS17, MWK21, NG06, OCK19, PDS12, PG15, PFHAH22, QZZW24, QSW+15, RCW22, RJ14, Sch17, SGC+14, SS14, SGGR14, SLV+22, SV11, SCCH08, UE22, WCCC14, WS22, 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, WV02, WG11, WKR09, XK97, XPSE12, YWW10]. **Synthesis-time** [BSP+23]. **Synthesized** [RB21, SBR+17]. **Synthesizing** [GSS14, GNQ+22]. **synthetic** [PSK08]. **System** [BdM00, CH17, DMR10, GM08, GPH+09, HKL+15, HZS+19, LL15, LG18, NAK20, NRZ+18, PDS12, PPDK09, Pie16, PBSV+06, RFG20, SL18, SGGR14, TK18, WL12, YYG+16, ZHM07, APB+08, BPRR98, BMJ13, Cha01, CKAP07, CSC08, CGLH23, DC07, GG99, GABP00, HGBH09, HMVG13, HW00, LTH99, LCC11, MOZ06, MPSJ07, OCRS07, Ped06, SPG+08, Sen11, Vah99, ZLL13, dW97, AHL+08, LVL03, WLL+11]. **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, SGGR14, APB+08, BMJ13, CSC08, WLL+11, AHL+08]. **System-scenario-based** [GPH+09]. **Systematic** [AMM+06, SLP+19, KPR06, RPKC05]. **SystemC** [BK10, CVMP19, GD20, HV07, WWFT12, ZMS+19, RHA08]. **SystemC-AMS** [CVMP19, ZMS+19]. **SystemC-based** [GD20]. **SystemCoDesigner** [KSS+09]. **Systemization** [ZHC+23]. **SystemJ** [MSR09, SPT+17]. **Systems** [ALLE20, ADGSM22, APG24, BHK17, BLNK14, BJX15, BSP+22, BB17, BXG+24, BS14c, CLL+22, CHA+23, CH10a, CCH+15a, CHBK15, CXLL22, 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, LL19, LZA+21, MRL+19, NSH+16, NDA+23, NRM+24, ORGD+15, 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, HCLC98, Hsi00, HBC+08, JS13, JWL+03]. **systems** [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, FS13, KR23]. **Targeted** [SNL12]. **Targeting** [LPD+17, LZY+23, PTPB22, JBC+10, MLMM08]. **Task** [DHW+23, ENP20, LMA+16, SZB17, DCK07, GK14, GBC07, YYLL09]. **Tasks** [CH17, SSC17, WJG+19]. **taxonomy** [KP13]. **TCAM** [VNS19]. **TCONMAP** [HABS15]. **tdf** [ZMTC13]. **TDM** [VGG19].

TDM-based [VGG19]. **Technique** [CV17, JK10, JPM+19, LGGJ14, SBB+18, 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, BFL10, CHY05, DKT+16, DBK+18, GLD+22, HABS15, JZYZ15, PS23, SABSA15, YD16, ZS02, BLM00, CH02, CH00, KL05, LKM04, PL98, WY06, WSEA99, ZLL13]. **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** [HGBH09]. **Temporal** [Pie16, SSC17, YYC07, BD05, Das09, YYC09]. **Temporally** [PRCK08]. **Tensor** [HZL+22, SYH+22]. **terminals** [ISE08]. **Test** [AYM05, BDBB19, EMO03, EO19, FHL+23, GF06, IE12, LCT03, LYSO19, LM21, MCD12, NSCM17, PKJK20, Pom15a, Pom15b, Pom15c, Pom16b, Pom16c, Pom17a, PAV17, Pom18a, Pom19b, Pom20, Pom21a, Pom22, RJ14, SBB+18, TBZ13, WCB15, WWCT18, WH19, WH20, WZH+23, WLM21, WC10, WWW+12, XCW12, XLCL13, Xia24, 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]. **Testability** [LW21, NWA+24, Pom16a, Pom18a, FRS97, PSK08, Pom14a, SCJ01]. **Testable** [GBR07, LW21, RMPJ08]. **testbenches** [BFP08]. **testers** [NS03, SBC08]. **Testing** [LPY+20, NS03, PTC+15, TPC+17, WWCT18, WWW+12, XCW12, XS16, XCF18, Xia24, JT98, KBN09, LHCT05, PKP+03, SEN05, SXZV13, SCJ01, SOC06, TD03, XZC09]. **Tests** [Pom15a, Pom16a, Pom16c, Pom18b, Pom19a, Pom19b, Pom20, Pom21a, Pom21b, 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, 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** [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, BB17, CHA+23, CHBK15, CBC22, CH17, CJKK19, FG18, GYZ+22, HXC+18, IGN18, KPF16, KPB19, LM19, LSZ+21, LSCK20, LWG+23, NSH+16, NRM+24, PSNC18, PGGD23, PY20, SSC17, SBY+20, SLV+22, WLZ+19, WDZG16, WJG+19, YRH11, ZLW+15, ZZCY17, APB+08, ARLJH06, BSP+23, CSAHR07, DP02, DRG98, DZK+24, FHHR21, HMLL11, HLKN07, HMVG13, KS23, KNRK06, LCHT02, LTPR+13, MR96, MHQ07, NG06, PEPP06, PW99, SCB01, SWT23, WGDK07, WLL+11, ZAZ13]. **Time-** [PGGD23, ARLJH06]. **time-constrained** [NG06, SCB01]. **time-constraints** [CSAHR07]. **Time-Division** [PY20, LWG+23]. **time-domain** [LTPR+13]. **Time-Multiplexed** [LM19]. **Time-Sensitive** [CHA+23, DZK+24]. **Time-Triggered** [BB17, IGN18, KPB19]. **time/resource** [WGDK07]. **Times** [PMS15]. **Timing** [CZW00, CB17, CJKS24, HIW15, HS19, JNCS19, KKK12, LVS16, LJ18, LWC18, LYCP17, LNG+16, LL19, MJM11, MKW08, TB20, VBP+19, WSH+18, WKC12, WL12, 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, ZMS+19]. **TLM-to-RTL** [BFP08]. **TMDS** [SRKS23]. **TODAES** [CH10a, KLSZ09, BC08, GK09, QS11, TK18]. **Toffoli** [MDM07]. **Toggles** [TPC+17]. **Tolerability** [LW21]. **Tolerance** [GVJ15, JPM+19, BXG+24]. **Tolerant** [CYH19, GT21, LW17, XCF18, CEB06, NdLCR03, NGL+21, SC06]. **tolerate** [SPG+08]. **Tolerating** [ZHC+21]. **Tool** [BBEM15, JHMGS18, TDE08, VLH98]. **Toolchain** [GVJ15]. **toolkit** [MSD06]. **tools** [BdM00, GS00, MD13, MT02]. **Top** [SSN22]. **Top-** [SSN22]. **Topological** [SHD17]. **Topologies** [Kha23]. **Topology** [BDBB19, HCZ+16, UE22, TDF+09]. **Topology-Agnostic** [BDBB19]. **Torque** [RPR+21]. **Trace** [BHK17, BHW+13]. **Trace-Based** [BHK17]. **Traceability** [IK19, YFT17]. **track** [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** [QBTM16]. **Train** [TZZH22]. **Training** [ALL17, HSP+22, JSS+19, LS23, LCG+22, TZZH22]. **Transactions** [CH10a, CPX14, KLSZ09]. **Transceivers** [JNS+17]. **Transfer** [LRHL24, RNA+21, RPR+21, 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]. **Transforms** [ACFM12, MFHP12]. **Transient** [KRL15, SQL+24, DC07, MRC06]. **Transistor**

[CFD+16, HCW+16, PR96, RS03, WSH+18]. **Transition** [JOH17, MHQ07, Xia24, LHCT05, PL03, PR09, WPHL08]. **Transition-overhead-aware** [MHQ07]. **Transitions** [DY23, Mut09]. **transitive** [YYC07]. **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, HGLC16, 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, YCL+20]. **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]. **TSocket** [CXH+16]. **TSV** [KK11, KKHK16, WDC+22]. **TSV-based** [KK11]. **TSV-Inductor** [WDC+22]. **Tunable** [OK20, CFHM09]. **tuned** [RFB10]. **Tuning** [PTS+20, ZGB+23, LT11, SZV+12, YCL+23]. **Turbine** [WSRH16]. **Tutorial** [Edw03]. **TVM** [HTC+23, YCL+23]. **TVM-based** [HTC+23]. **twisted** [YW09]. **Two** [HLZ+22, LZ17, OW06, TJ99, Yan19, CSC08, DDNAV04, LHZ+06]. **Two-layer** [OW06, DDNAV04]. **Two-level** [TJ99]. **Two-Part** [HLZ+22]. **Two-sided** [Yan19]. **two-stacked-die** [LHZ+06]. **Two-Stage** [LZ17].

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** [WGSH16]. **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, HWCL15, JDLZ24, ZXC+23, 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]. **Untangling** [Yan19, YW09]. **untestable** [LIA00]. **UPaK** [WKR09]. **Update** [KC10]. **Upper** [IIEKS23, JLJ15]. **Upper-Bound** [IIEKS23]. **upset** [NdLCR03, RM09]. **upsets** [MRB+11]. **Use** [KBV+15, 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, DCC+23, DNA+12, EW18a, EW18b, EWT23, EK16, FZL+23, FWCL05, FHHR21, FYCT15, GFJ16, GBR07, GNGT21, GD20, GHYR19, HS18, HWF+23, HWL+23a, HLL+24, JBJ22, JNS+17, JSS+19, KQP+19, LHS20, LLH+17, LFST21, LYHL14, LYSO19, LSCK20, LCZ+24, LLK+14, LCC+15, LNPL23, LXGM23, LRHL24, LM21, MA16, NL24, NPH+20, NRM+24, PJL14, PMT20, PG15, PR09, Pom15a, SMS22, SS24, SKS+18, TB20, TYSF20, THM15, TMDF10, TCL14, WKL+18, WXH+19, WSS+18, XGWL24, YHL+11, ZHC+18, ZYS12, ZMS+19, BLR06, BWB14, BK10, BGN+07, BASB01, CACS05, CBMM10, CFHM09, CK96, GGBZ02, GK07, GK09, HVF+01, HMB98, HPK99, HCC01, HW14, KSK+05, KRS06, KPR06, KMS12, KMC97, LCT03, LSL+13, LON08, MHD+04, MSR09, MS08, MR05]. **using** [MP07, MLC08, MVK+18, NRZ+18, PRCK08, PKP+03, PMB10, PHM00, RJL+09, RCD07, SGK08, SABSA15, SFM+19, STL+13, SYH+22, SBH+06, SCJ01, TLCF16, TWL16, TN99, TD03, TYH08, Vah02, WVYG99, WJYZ11, WCC03, XLCL13, XK97, YTHC97, YYC07, ZHOM08, ZHC+23]. **UST** [wATkK02]. **UST/DME** [wATkK02]. **Utilisation** [NAK20]. **utility** [BCR+08]. **Utilization** [HKJ+23, KKLG15, KMR18, MT15, GM03, SBC08, SY07]. **Utilizing** [BLNK14, CK16, EBR+09, LQD22, LLQD23]. **UTPlaceF** [LLL+18].

V [BSZ+24, MLMM08, YCL+23]. **Validation** [HLL+24, RB21, VS12a, CM13, DRG98, FLPP09, HJ08, MD08, QM12, RPKC05, WAZ98]. **value** [YGZ04]. **Valued** [WTR12]. **Values** [Pom18a]. **Variability** [CFD+16, JIR+21, NRZ+18, TY19, LON08]. **Variable** [PSNC18, ZLG+19, LHW97, WH05]. **Variables** [Pie16, CCQ98, Pom14a, SXZV13]. **Variation** [APDC17, AKAKP18, BXG+24, FYCT15, GPS+24, HXZ+23, LSZ+21, RGM09, SCK+23, WCCC14, WDLD17, WSH+18, GM08, KTKO13, MJM11, PPDK09]. **Variation-Aware** [FYCT15, SCK+23, WSH+18, LSZ+21, RGM09, MJM11, PPDK09]. **Variation-tolerance** [BXG+24]. **Variations** [BHY+24, GC18, TWM+23, XAG+20, ZZCY17, KPR06, LH13, LTPR+13, ST99]. **various** [WAZ98]. **Varying** [RG19, SSO16]. **VBR** [JLJ15]. **Vdd** [HLHT08]. **Vector** [BSP+19, JK10, LCJ+22, PIK20, CCW08, EMO03, KBA08]. **vector-thread** [KBA08]. **Vectorized** [BSP+23]. **Vectorizing** [LPD+17]. **Vectorless** [ZF23]. **Vectors** [Pom15c, Pom21b, CK96]. **Vehicle** [VA17b]. **Vehicles** [HXB+22, dONH23]. **Verification** [Ali12, BKW15, DSHD23, DSH12, EW18a, HZS+19, KYN+12, LXGM23, PKJK20, Ped11, SSS+19, VBP+19, 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]. **Verify** [KRH18]. **Verifying** [APD+11, HCC01]. **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** [SHL+19, WPL23, BZWZ17, CRT19, CSO22, CCC09b, FHL+23, GPS+24, HHL14, HSA+04, IPWW17, IK19, JYHY21, JYY+22, KOO18, KRL15, KLK+17, LHZ+06, PB12, PTS+20, RAKK12, SAL19, VAAH+98, WB16, WHXZ13, Yan20, YWGI09, ZZL+23]. **vias** [YHH09]. **Victim** [NAK20, SSS+19].

Video [MDR15, SJL23, ZLG+19, CCC+09a, ZHOM08]. **Videos** [LWX+23]. **viewpoint** [LKTD98]. **Violations** [KO23, Das09]. **Virtual** [BHDS09, DMR10, JLJ15, MSR09, SSL17, Fuj05, KMC97, LLKY13, ZP08]. **virtualization** [ISE08]. **Virtuoso** [LWX+23]. **visibility** [HW14]. **visual** [FS13]. **VLAN** [SRTG19]. **VLIW** [AMR00, GBK07, KJR+07, LJV02, LLHT03, LYCP13, SXX+06]. **VLSI** [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, LSL+13]. **Voltage** [BHY+24, CS22, DHVW18, DMR23, DS05, GNGT21, JPHL16, JLK15, KLE18, LCY12, MACV14, RM23a, SV16, SCK+23, WCCC14, WGSH16, 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]. **vs** [KG09, MAL23, PDN00, SA24]. **VSSD** [CCS15]. **Vulnerabilities** [GQW19, MAS16, PTPB22]. **Vulnerability** [NPH+20].

W [DHZ+11]. **Wafer** [THM15, BC05, WLT08, ZMTC13]. **wafer-probe** [BC05]. **Wafer-to-Wafer** [THM15]. **Wake** [WSRH16]. **Walks** [BS14b]. **Wall** [VFML23]. **Warp** [LSV06]. **Warping** [SV11]. **Washing** [MGR+15]. **Waste** [KR23, PBWB21]. **watt** [RAKK12]. **waveform** [MCMW08]. **Wavelet** [AHAKP08, GFC+09]. **Wavelet-based** [AHAKP08]. **WaveSync** [YKCG14]. **WCET** [APS18]. **WCRT** [CYH19]. **Weakly** [NRM+24]. **Wear** [CCH+15a, CHC+16, Kha12, CD09]. **Wear-Leveling** [CCH+15a, CD09]. **Wearable** [FG18, RG19, RNA+21]. **Wearables** [GFJ16]. **WEB** [MS08]. **Weights** [HWDQ22, VFML23]. **Well** [GMS+23]. **Well-tap** [GMS+23]. **while** [QS09]. **Wide** [WTR12]. **width** [LYCP13, SBH+06]. **Wind** [WSRH16]. **Wire** [CZW19, CLC20, LLM+23, WPL23, Yan20, CW01, HR06, MKW09, WC06]. **Wire-bonding** [WPL23]. **wirelength** [LLLC13, SYZ08]. **Wireless** [CBO+18, GADG19, NSS+16, PDS12, WM24, DHZ+11, JSG09, RFB10]. **wiresizing** [CH96]. **with14nm** [PS23]. **within** [SCK18, SAHF+20]. **Without** [MS17, FHHR21, KKLG15, PTPB22, PR07]. **Wolf** [ZHJ+23]. **Word** [CCC09b, Con06, WDLD17, RMB10]. **Word-** [WDLD17]. **Word-length** [CCC09b, Con06]. **work** [KYN+12]. **Workload** [CSAHR07, GC18, LG23, PKJK20, TBCH17, CR12, WHXZ13]. **Workload-ahead-driven** [CSAHR07]. **workstations** [KMC97]. **world** [RBA+12]. **worm** [FNP09]. **wormhole** [TDE08]. **Worst** [APDC17, CH17, DCC+23, ZLW+15]. **Worst-Case** [APDC17, CH17, DCC+23]. **wrapper** [LV02]. **Write** [CCK+18, CIX15, KYL16, LLP+16, WDLD17]. **Write-back** [CCK+18]. **Write-Conscious** [LLP+16]. **Write-Induced** [CIX15]. **Writeback** [PBZM19]. **Writeback-Aware** [PBZM19]. **Writebacks** [BFG+19]. **Writes** [CIX15].

X [HLG+15]. **X-Architecture** [HLG+15]. **Xbars** [BP23]. **XFM** [SMSB05]. **XNOR** [ZHJ+23]. **XNOR/OR** [ZHJ+23]. **XNOR/OR-based** [ZHJ+23].

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, HTCP13, ZCG06]. **zero-deficiency** [ZCG06]. **Zero-Suppressed** [BC16]. **Zoom** [EO19]. **Zoom-ADC** [EO19].

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