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Title word cross-reference

[KOS09].

1 [AGM01]. 2 [FWCL05, GH00, RL13]. 2.5 [WCB15, WWCT18]. 3 [ADDM⁺13, AJK⁺21, CLT⁺15, CBR⁺22, CXR⁺23, CWL⁺22, DLC⁺17, DHZL23, JGM14, KK11, KKHK16, KLE18, LLKC13, LDD⁺18, LDD⁺19, LHZ⁺06, LHC16, LW17, LS19, LS17, OS03, OCK19, PRKK21, PKC⁺21, SKP21, SYX12, THM15, TMDF10, WYC10, XGC⁺20, YHH09, ZYS12]. 4 [JCGP05]. ² [SJL23]. *dd* [MLMM08]. **DDX** [SW04]. *Fmax* [PMB10]. *g^m* [LZ21]. *GF(2^m)* [RMPJ08]. *H* [CLT⁺15]. *I^D* [LZ21]. *k* [CLH12, SSN22]. *k/m* [CHY05]. *μ* [DHZ⁺11]. *N* [Pom16b, CLH12, Pom17a]. *o(min(m, n))* [LM05]. *t/t* [CH13]. *V_t*

-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].

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

2-stage [KSA⁺10]. **2.0** [CLYP09, HWGY16, LLL⁺18]. **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}].

90nm [CFD⁺¹⁶].

A3MAP [JP12]. **aberration** [KPSW09].

absence [SPA⁺⁰³]. **Abstraction** [HZS⁺¹⁹, CMNQ08, CLM⁺¹⁰, HMB98].

abstraction/refinement [CLM⁺¹⁰]. **ABW**

[CIX15]. **AC** [MHA19]. **Accelerated** [CBR⁺²², LD17, XJF⁺²³, BHDS09, MLC08, RB19]. **Accelerating**

[CXR⁺²³, HW14, LS11, SKS12].

Acceleration [EJR22, GYZ⁺²², LDP⁺²², WFSS20, GPK⁺⁰⁹]. **Accelerator**

[CBC22, FLG⁺²³, HLW⁺²³, KP22, LCJ⁺²², LYL⁺¹⁹, LJJ⁺²², LPL⁺²¹, OHA19, SKR⁺²², SHBD21, AHL⁺⁰⁸].

Accelerator-rich [SHBD21]. **Accelerators**

[CSO22, HJY23, SYGC22, SV11, TL19, LSPC14, YLP⁺¹³]. **Access**

[BSP⁺²², GSD⁺¹⁸, HWDQ22, OKC08, PTPB22, RPR⁺²¹, XYG⁺¹⁶, Cha01, KLS11, KCKG13]. **Accesses** [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]. **Adaptable**

[CRC15, KKK12, SHN12]. **Adaptation**

[LYHL14, MDR15, RNA⁺²¹, TZZH22].

Adapting [SSO16]. **Adaptive**

[BM11, BYT22, CB17, CIX15, EW18b,

JM14, KKHK16, LLKY13, LYSO19, LJJ⁺²²,

LPY⁺²⁰, LIK22, SFM⁺¹⁹, 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]. **advanced** [DDFR13]. **Advances**

[CO18]. **Adversarial** [FLG⁺²³, LYM⁺²⁰].

Aerial [HXB⁺²²]. **Affine** [WKL⁺¹⁸, BC11].

after [XFJ⁺¹⁶]. **Against** [ADB⁺¹⁹,

DZS⁺¹⁸, LDX22, RNR⁺²¹, AYS20, DFM15,

GDTF17, HYK⁺²⁰, LQD22, ZLQ15].

AGENTS [dW97]. **Agglomerative**

[LLLC13]. **Agglomerative-based**

[LLLC13]. **Aging** [ADB⁺¹⁹, DNT20,

FYCT15, GC18, OT15, TCW20, HTCP13].

Aging- [FYCT15]. **Aging-Aware** [OT15].

Aging-induced [TCW20]. **Agnostic**

[BDBB19]. **ahead** [CSAHR07]. **AI** [CCY22].

AIMCU [ZXC⁺²³]. **AIMCU-MESO**

[ZXC⁺²³]. **Airgap** [HS19]. **algebra**

[GK07, GK09]. **Algebraic**

[LAYZ23, ARLJH06]. **Algorithm**

[DHVW18, GDPRG11, GYT12, HCRK11,

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, GMN⁺¹³,

GdRJM21, SV16, SZB17, TCP97, Das04, Das09, EMO03, GMSSS02, JLF⁺¹², LKM04, LIA00, OWH08, PB14, PW99, TC98, YW09, YCHT00, ZSZ0, ZS02]. **Aligned** [LJJ⁺²², SHL⁺¹⁹, XYG⁺¹⁶]. **Allocating** [KAKSP16, YHH09]. **Allocation** [ABC⁺¹⁷, BK00, BM11, CET16, CARH18, KK14, KKL15, SCK18, ZYS12, AOC02, CLM⁺¹⁰, CL99b, LCK⁺⁰⁹, SM00]. **Alternative** [KRL15, SYZ08]. **among** [DK08, LYSO19]. **Amplifier** [RM23]. **Amps** [AG22]. **AMS** [CVMP19, DDNAV04, MDM⁺¹², MPDG09, ZMS⁺¹⁹]. **Analogue** [ADB⁺¹⁹, BBEM15, CFD⁺¹⁶, CLC20, DZ18, HRC21, HSP⁺²², LDP⁺²², LYSO19, LS22, LLM⁺²³, LZ21, LHJ12, LCYN18, PTS⁺²⁰, 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** [STGR15]. **Analog/Mixed-Signal** [STGR15]. **Analog/RF** [BBEM15, PTS⁺²⁰]. **Analyses** [BFG17b, YBM⁺²¹]. **Analysis** [BS14b, CZW⁺⁰³, CLT⁺¹⁵, CB17, CXLL22, CH17, CYH19, CLMZ10, DKZ⁺¹⁵, GD20, GLY⁺¹², HLZ⁺²², HKL⁺¹⁵, HHL14, JIR⁺²¹, JM14, KM97, KOO18, KC13, LJ18, LDLM20, LV14, MAS16, MHA19, 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, 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, HKL⁺¹⁵, HMMG⁺²⁰, HCZ⁺¹⁶, JBJ22, LPD⁺¹⁷, LYHL14, LHF12, LF12, LIK22, MMM⁺²², MDR15, 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-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, RM23, 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** [DY23, DZS⁺¹⁸, DNT20, FG18, GVJ15, HS19, KRH18, 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, YBM⁺²¹]. **Approximating** [GD20]. **Approximation** [BYT22, DHVW18, EKEK22, HWCL15, 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, WKL⁺¹⁸, WWCT18, YKCG14, YMB15, YLP⁺¹³, 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, KLSPI1, LP03, LLKY13, LYCP13, OCRS07, PPDK09, QM12, WH05, ZM07, ZHTC09]. **Area** [EO19, HS18, HCW⁺¹⁶, KKK12, KKL15, 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, 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]. **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, LJVO2, 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** [BSP⁺¹⁹, Che18, GLD⁺²², JZG21, LTZ22, OK20, YBM⁺²¹, DDFR13]. **Attacks** [AYS20, CPK20, DZS⁺¹⁸, DHB16, HYK⁺²⁰, JIR⁺²¹, LSCK20, LYM⁺²⁰, LQD22, MLH⁺¹⁷, PTPB22, RNR⁺²¹, ZLQ15, LWK11]. **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, 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, KLSZ09, KAC⁺²³, PSD21, SSK⁺²³, DTC⁺⁰⁹, LOC12]. **Automotive** [HK18, KPB19, LZSSV15, LMS16, MPM⁺¹⁷, SRTG19, XLY⁺¹⁸]. **Autonomous** [ML09, STL⁺¹³]. **Auxiliary** [BDC08, CCQ98, Pie16]. **Available** [TEK18, dONH23]. **Average** [ZLW⁺¹⁵]. **Averaging** [TWL16]. **Avoid** [WPR⁺¹⁹]. **Avoiding** [AL19, HLG⁺¹⁵, HGLC16, LLLL18, WSRH19, XPZ⁺¹⁸, LYKW09]. **award** [GK09, QS11]. **Aware** [AKAKP18, BDBB19, 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, LZSSV15, 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, 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, OCK19, PSD21, PPDK09, PGGD23, RGM09, SSG12, SBC08, SMYH07, SKS12, SNL12, SWT23, TZ20, VGG19, WH05, WPHL08, WLL⁺¹¹, YYLL09, ZYDP08, ZYP09]. **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, BHK17, BS14a, BD14, CPS16, CCH^{+15a}, CAOM19, CLT⁺¹⁵, CZZYW21, CXLL22, DLC⁺¹⁷, ETAV18, EO19, GNGT21, GDTF17, GHYR19, HCL⁺¹⁴, HWX⁺¹⁴, HLG⁺¹⁵, JHMGS18, JPHL16, JM14, KGS⁺²⁰, KC10, KLK⁺¹⁷, KMO⁺¹², LZZ23, LLH⁺¹⁷, LG18, LDLM20, LAYZ23, LZY⁺²³, 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, PSNC18, PG15, Pom17a, Pom18b, Pom20, PY20, QBTM16, RM23, RS18, SV16, SMBT19, STGR15, TZ17, VEO16, WLZ⁺¹⁹, WCB15, WQC⁺¹⁶, WWCT18, WFSS20, WC10, WL12, XS16, XCF18, YMB15, ZS16, ZHC⁺¹⁸, AHAKP08, AM10, ADDM⁺¹³, BLM00, BPRR98, BC11, BBD00, BOC00, BH10, BZ08, CLM⁺¹⁰, CNQ13, CGN96, CZW00, CFHM09, CBR⁺²², CH02, CBR⁺⁰⁵, CD96, CHY05, CFX09, CM13, CCL04]. **based** [DP02, DCK09, DJP21, DDNAV04, DVA02, EMO03, EY12, FLG⁺²³, FS13, GK14, GG99, GPH⁺⁰⁹, GD20, GBC07, GDF09, GPK⁺⁰⁹, GH00, HWDQ22, HDZ⁺²⁰, HZL⁺²², HYK⁺²⁰, HCK13, HWCL13, HFMB20, HXZ⁺²³, IYF⁺²¹, JZG21, JJH21, JLF⁺¹², KBN09, KK11, KSD⁺²², KNRK06, KSA⁺¹⁰, LC13, LB00, LKM04, LWC07, LCC11, LWZ⁺¹⁹, LJJ⁺²², LDK99, LZ21, LCHT02, 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, TN99, TBZ13, VGG19, VKT02, WPR⁺¹⁹, WH20, WWC04, WC06, WSEA99, XAG⁺²⁰, Yan00, Yan08, YYC09, ZHM07, 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, PTS⁺20, XJF⁺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** [PSK08]. **Benchmarking** [JBC⁺10]. **Benders** [ETAV18]. **benefited** [SLC⁺22]. **Best** [GYZ⁺22, GK09, QS11, SSS10]. **Best-Suited** [GYZ⁺22]. **between** [Fuj05, YRH11]. **Betweenness** [SSN22]. **Beyond** [CPX14]. **Biased** [EKEK22, JCK⁺18]. **biasing** [CFHM09]. **BICS** [RM09, RMB10]. **BIFEST** [LTH99]. **Bifurcation** [HHL14]. **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, LHC16, LSCK20, 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, LYCP13, NdLCR03, RMPJ08, RM09, RMB10, SBH⁺06]. **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** [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]. **BonnRoute** [GMN⁺13]. **Boolean** [PRCK08, BR12, BD97, BC11, CCQ98, GPK⁺09, OK20, SGJ96]. **Boosting** [CMNQ08, CSO22, XAG⁺20]. **borrowing** [LCHT02]. **Both** [WH20]. **bottleneck** [NM13]. **Bound** [JLJ15, 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]. **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** [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, SAL19, TYSF20, WDL17, YPCF17, Giv06, JS13, LMW99, LSL+13, PDN97, SLXZ12, TKVN07, TY97, VS12b, ZYDP08, NTSA18]. **cache-coherence-enabled** [LSL+13]. **Cacheline** [PBL+17]. **Caches** [CK19, CB17, SYX12, CXK+13, LSDV10, ZP08]. **Caching** [WQC+16, HCK13]. **CAD** [BSP+19, HAW20, KLSZ09, KLSZ11, LZR23, LYM+20, NPH+20, NSP+20, SB98, Vah02]. **CAD-Base** [BSP+19]. **CAD/EDA** [LZR23]. **calculation** [RCD07]. **Calibration** [CCMC20, PMB10]. **Call** [Ano13, CH10a, Ped11, KLSZ09]. **CALM** [ZYPC17]. **Cameras** [YMB15]. **Camouflaging** [ISK21]. **CAN** [LMS16]. **Cancellation** [LTYW12, FIR+97]. **Cap** [HC17]. **Capability** [EW18b]. **Capacitance** [XLS15]. **capacitive** [LXCH04]. **Capacitor** [HWCL15, HWCL13]. **Capacitors** [SCK18]. **Capture** [PTC+15, XCW12]. **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]. **Cases** [LWC18, KFH+08]. **Causal** [CBC22]. **caused** [SHLL98]. **Cayley** [CCH15b]. **CCM** [TWL16]. **CDTA** [YFT17]. **Cell** [ACF+11, CZZYW21, DBK+18, JZYZ15, KRL15, TRM+16, WPR+19, WC10, XNZ+15, JCS+08, KBN09, LCZ+08, MRB+11, MS00, RS03, SSCS10, dW97]. **Cell-based** [WPR+19]. **Cells** [HWGY16, JCK+18, MJB19, SKM+16, GH00, TS96]. **Cellular** [PSD21, KT01]. **CeMux** [BH22]. **Centralised** [CK19]. **Centrality** [SSN22]. **Centric** [WGS16, XLNB17, ZHOM08]. **Centroid** [WLLH16, HWCL13]. **Chain** [BSP+19, LHC16, 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, LQD22, PPP+15, ZBPF18, 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, 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, SGR14, 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, PDN00, PPDK09, PTC05, TDE08, 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]. **choice** [SBGD13]. **choose** [DNA⁺12]. **ciphers** [LWK11]. **circadian** [GS13]. **Circuit** [ADB⁺19, BBEM15, BZWZ17, BFL10, CM18, CM19, CZZYW21, FZL⁺23, GBR07, GDTF17, HS18, HRC21, HS19, JK10, LYSO19, LH11, LQD22, RJBS09, 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, HDB22, HZL⁺22, JZG21, KKS16, LD17, LSZ⁺21, LS22, LLM⁺23, LZ21, PB12, Pom16b, RGM15, SHD17, SCK⁺23, WTR12, 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** [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** [XLL⁺16, CC06, HLCH07, MLMM08, SPMS02]. **clusters** [OWH08]. **CMAPS** [Hsi00]. **CMOS** [ACF⁺11, ADB⁺19, CFD⁺16, GH00, LTH99, PHKW12, WSS⁺18]. **CMP** [CXK⁺13, WGS16]. **CMPs** [CAOM19, SYX12]. **CNN** [LCJ⁺22, LYM⁺20, MS23, TZZH22]. **CNN-Based** [MS23, LYM⁺20]. **CNNFlow** [NM23]. **CNNs** [PRKK21, WDD⁺23]. **Co** [CVMP19, CBR⁺22, Hua01, JSS⁺19, LCG⁺22, PGGD23, SKM⁺16, WWFT12]. **Co-design** [CBR⁺22]. **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]. **Coffee** [RJL⁺09]. **Cognition** [HXC⁺18]. **Coherence** [GD22, HWX⁺14, LSL⁺13, ZYDP08]. **coherency** [VS12b]. **Collection**

[GSD⁺18, HCL⁺14, ZLW⁺15].
Collection-Induced [GSD⁺18]. **colony** [WGDk07]. **Coloring** [ZLY⁺15, CML98].
Combinational [CD96, LD17, EMO03, KT96, KOS09, PR98, RJBS09, TN99].
Combinatorial [AM05, VLH04].
Combining [ETAV18, LFST21, SPG⁺08].
CoMETC [ANR13]. **commercial** [MPDG09]. **Common** [DHB16, LWC18, WLLH16, ZYZ⁺13, HWCL13].
Common-Centroid [WLLH16].
common-centroid-based [HWCL13].
Common-source-line [YZY⁺13].
Communication [CARH18, KPF16, SRTG19, YP10, ADS⁺09, GBK07, GG99, LCOM07, MOZ06, PPDk09, PBSV⁺06, ZM07]. **Compact** [LJ18, MAS16, SYH⁺22, WTR12, XCW12, HVF⁺01, YHL07]. **Compacting** [PL03].
Compaction [Pom15a, Pom15b, Pom20, EMO03, MHD⁺04, TBZ13, XLCL13].
comparative [MLG12, PB14]. **Comparing** [VGG19]. **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** [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 [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⁺23, 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, SSK⁺23, YFT17, ZBPF18]. **Compress** [XCW12]. **Compressed** [PBL⁺17].
Compression [BLNK14, EK16, BH10, JCS⁺08, LCT03, LDK99, NT05, OKC08].
Compressors [SMS22]. **CoMPSoC** [HGBH09]. **Computation** [BFG17a, CV17, CARH18, EJR22, FHL⁺23, CKKG16, 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, CDB11, 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, BD08, LCD07, SPG⁺08]. **Configurations** [HABS15, BHS11]. **Conflict** [GSD⁺18].
Congestion [RGM15, SYL09, SAHF⁺20, YWK⁺03, LCJ⁺10, RL13].
Congestion-Free [RGM15]. **connection**

[Yan11]. **connections** [YCCG03]. **conquer** [HPK99, SW12]. **Conscious** [LLP⁺16]. **Consecutive** [Yan17]. **Consideration** [JD18, LYLW17]. **considered** [HN07]. **Considering** [BHLG19, CCK⁺18, GC18, JOH17, WCCC14, KPR06, LH13, LTPR⁺13]. **Consistency** [YP10]. **Consolidated** [HC17]. **Constant** [CHC⁺16, GYT12]. **Constant-Cost** [CHC⁺16]. **Constrained** [LLM01, LLLL18, PBF⁺22, 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** [EK16, HGLC16, LLLL18, CM08, LH09, LYKW09, Yan08, ZCG06]. **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, 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** [HLW⁺23]. **Convolutional** [MNMK⁺21, NM23, NGL⁺21]. **cooling** [ANR13]. **Cooperative** [LHF12]. **cooptimization** [ZLL13]. **Coordinated** [ANR13, DJP21, GGDN04]. **COPE** [DJP21]. **coprocessor** [GDTG07]. **coprocessors** [SCV06]. **Core** [CAOM19, CYH19, ETAV18, LHL16, 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** [SFM⁺19, WGS16, GG04, LV02, SSGS03, XZC09]. **CoreSight** [LLH⁺17]. **Corner** [KQP⁺19, MHD⁺04, Meh98]. **correct** [ADS⁺09]. **Correcting** [PGCB16]. **Correction** [DZ18, RM09, WHXZ13]. **Correlated** [SCL⁺22, SXZV13]. **Correlations** [LYSO19]. **cosimulation** [FLPP09]. **Cost** [ABC⁺17, CHC⁺16, JPHL16, MHT14, MJB19, QS09, BPRR98, BWB14, Giv06, HCK13, 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]. **CPU** [LG23, SEN05, ZBPF18]. **CRA** [LLH⁺¹⁷].
Crash [WL12]. **Creation** [NRZ⁺¹⁸].
criteria [CGN96]. **Critical** [AKAKP18, BSP⁺²², FYCT15, GC18, IGN18, KMR18, LC14, STJG16, ETR07, HKB⁺⁰⁷].
Critical-path-aware [LC14, ETR07].
Criticality [BB17, CV17, CYH19, SZB17, ZABGZ17].
Cross [EKEK22, VBP⁺¹⁹, WFT⁺¹⁹, XNZ⁺¹⁵].
Cross-layer [EKEK22]. **Cross-level** [VBP⁺¹⁹]. **Cross-Point** [XNZ⁺¹⁵, WFT⁺¹⁹]. **Crossbar** [XGC⁺²⁰, THL⁺¹³]. **crossbar-switch** [THL⁺¹³]. **crossing** [SW99]. **Crosstalk** [LWH06, LDX22, HR06, JPCJ06, LCC11, MCMW08, Mut09, ZW98].
crosstalk-driven [JPCJ06].
Crosstalk-Induced [LDX22].
Cryptographic [LQD22, DP04]. **Cubes** [CLH12, WC10]. **Cubic** [HWL⁺²³].
cubeoidal [WYC10]. **Current** [CH10b, MN17, WLLH16, HLCH07, HCN09].
Current-Ratio [WLLH16]. **Custom** [HRC21, KAKSP16, LW17, LHF12, LF12, TDF⁺⁰⁹, AMR00, HMVG13, TS96].
Customizable [LIK22, MPSJ07].
customization [CBMM10, MKK13, MSB⁺⁰⁹, YLP⁺¹³].
Cut [SHL⁺¹⁹, CBHK11]. **Cutting** [LVS16].
Cyber [CXLL22, SKM⁺¹⁶].
Cyber-Physical [CXLL22, SKM⁺¹⁶].
Cyberphysical [PGCB16]. **Cycle** [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, DHZL23, JGM14, KK11, KKHK16, KLE18, LLKC13, LDD⁺¹⁸, LDD⁺¹⁹, LHZ⁺⁰⁶, LHC16, LW17, LS19, LS17, OS03, OCK19, PRKK21, PKC⁺²¹, RL13, SKP21, SYX12, THM15, TMDF10, WYC10, WWCT18, XGC⁺²⁰, YHH09, ZYS12].
D-enabled [LDD⁺¹⁹]. **D-ICs** [LS17].
D-NoC [ADDM⁺¹³]. **D-Stacked** [SYX12].
DAG [WJG⁺¹⁹]. **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, 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-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, 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, S JL23, 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]. **Decoupling** [SCK18, XLS15]. **deduction** [DP02]. **Deep** [CLL⁺22, EJR22, HLX⁺23, LYL⁺19, LPL⁺21, RNA⁺21, SKR⁺22]. **Defect**

[XAG⁺20, ACT13, JT98]. **defect-level**

[JT98]. **Defective** [PB12]. **defects**

[XLCL13]. **Defending** [YFT18]. **Defense**

[GLD⁺22, LDX22]. **deficiency** [ZCG06].

Defined [JHMGS18]. **Definition** [BC16,

Pom15c, ZLG⁺19, CCC⁺09a, VCLD03].

Deflection [LLKC13]. **Degraded** [SLC⁺22].

degree [CT13, TP08]. **Delay**

[EAAK⁺23, FYCT15, JLJ15, JK10, JOH17,

LW21, MCD12, STJG16, XCW12, ZK15,

BDB98, CFHM09, GS00, GMSS02, 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].

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**

[RM23, 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, BH22,

BS14a, BZWZ17, BS14c, BSP⁺23, BHLG19,

CK19, CD09, CH10a, CH10b, CPX14,

CHC⁺16, CSC⁺21, CRC15, CGLH23, CO18,

DZS⁺18, DK22, DNT20, DHB16, EAP17,

FZL⁺23, FHL⁺23, FLG⁺23, FCZ⁺23,

GACK22, GdRJM21, GCZ⁺15, GHYR19,

HCRK11, HXB⁺22, HMMG⁺20, HLG⁺15,

HHH⁺21, ISK21, JWL⁺03, JLK15, KKLP15,

KGS⁺20, KP22, KLSZ09, KLSZ11, KLV15,

KKS16, KAC⁺23, KSD⁺22, LLP⁺16, LW17,

LJJ⁺22, LF12, LHK⁺15, LZZSV15, LQD22,

LPL⁺21, MED23, OT15, OHA19, PSD21,

PMT20, PKC⁺21, PDS12, Pom14a, Pom16a,

Pom18a, RFG20, RS18, SSK⁺23, SMBT19,

Sch17, SBY⁺20, Shi20, SDP⁺09, SMGR14,

SHBD21, SYGC22, SHN12, SESN15, SYX12,

STGR15, SCL⁺22, TYSF20, TCL14, VGG19,

VA17a, VEO16, WWCT18, WPR⁺19, WS22,

WDC⁺22, WSS⁺18, XPX⁺21, XLS15,

XNZ⁺15, YPCF17, YD16, ZLG⁺19, ZYS12,

ACT13, AHL⁺08, APB⁺08]. **design**

[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].

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, LZY⁺23, LTZ22,

MACV14, PHKW12, WWW⁺12, 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** [GdRJM21, 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** [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, JCS⁺⁰⁸, ZYZ⁺¹³]. **DFT** [DDFR13, PTC⁺¹⁵]. **Diagnosability** [CLH12, CCH15b, CH13, HWL⁺²³, LH14]. **Diagnosing** [BDBB19]. **Diagnosis** [HFMB20, Pom17b, PA21, SBB⁺¹⁸, WH19, WH20, 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** [JD18, LLP⁺¹⁶, DDFR13]. **differentiated** [WHXZ13]. **Digital** [CM18, DZCD15, GLD⁺²², JYHY21, LHC16, 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]. **Dimension-reducible** [BC11]. **Dimensional** [RGM15, SYH⁺²², KQP⁺¹⁹, WXH⁺¹⁹, YYC07, YYC09]. **Directed** [IE12, QM12, WLM21, CM13, HLCH07, HG07, LKTD98, MD08]. **Direction** [Yan18]. **Direction-Constrained** [Yan18]. **Directives** [SCL⁺²²]. **discharging** [HLCH07]. **Discovering** [NGL⁺²¹]. **Discrete** [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** [CGLH23, EAP17, HXC⁺¹⁸, JJH21, MVK⁺¹⁸, SCK18, 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]. **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, SHL⁺¹⁹, XYG⁺¹⁶]. **Double-Shift** [HWDQ22]. **DPRTM**

[ADDM⁺13]. **DRAGON** [HLW⁺23].

DRAM

[BLNK14, CJKK19, LYLW17, LMA⁺16, PKJK20, SSS⁺19, SAL19, ZZCY17].

DRAM/PCM [BLNK14, LYLW17].

DRAMs [LS19]. **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, HW00, JPCJ06, KMS12, Kuc03, KSA⁺10, LLM⁺23, LOC12, LL19, MPSJ07, MD08, MRMP08, NM23, 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**

[JSG09]. **duty-cycled** [JSG09]. **DVFS**

[CXK⁺13]. **Dynamic** [ADDM⁺13, BMJ13,

BLUS19, BHS11, HKL⁺15, HRP00, HLX⁺23,

HLW⁺23, IAI⁺09, LDP⁺22, LHW⁺17, LV14,

MNMK⁺21, MDR15, ORGD⁺15, PBL⁺17,

RNA⁺21, SKP21, SV11, WMT⁺16,

WGS16, 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, JPHL16, Pom18a,

RNR⁺21, ARLJH06, WLC02, YLL09].

dynamics [WHXZ13]. **DYNASCORE**

[KMR18].

E-Beam [LZ17]. **E/E** [dONH23]. **E2HRL**

[SKR⁺22]. **Early**

[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]. **ECR** [LTYW12].

EDA [JHMGS18, LZR23]. **EDF**

[GDG⁺08, SZB17, WDZG16]. **Edge**

[BPTB17, HS18, KP22, MS23, PGGD23,

RS98]. **edge-based** [RS98]. **Editor**

[Ano13, Hu20]. **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, LPP00, LSPC14, MHT14, SBC08,

WSV⁺14, XLCL13]. **effectiveness** [WAZ98].

Effects [BDB98, BFL10, GC18, JIR⁺21,

MRB⁺11, RJBS09]. **Efficiency**

[HSP⁺22, KKL15, LWC18, RB19, TCL14,

WH19, KJT04, ZAZ13]. **Efficient**

[AKAKP18, BS14a, BHDS09, BW00, CK19,

CCY22, CAOM19, CBC22, CYV⁺14,

CSO22, 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,

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, ARLJH06, CD09, Das09, EKEK22, FNP09, GM03, GBC07, IBMD07, JS13, JP08, KL05, LCD07, LH13, MR96, MR05, MP07, MWG97, SGD10, SLXZ12, SKR⁺²², SHN12, SZV⁺¹², VKKR02, Wu09, ZSZ10, ZYZ⁺¹³, Zho08, LCG⁺²²]. **Efficiently** [RCG⁺⁰⁸, TY19, ADM⁺¹³]. **Eh** [DKT⁺¹⁶, DBK⁺¹⁸]. **Elastic** [LYL⁺¹⁹, SZB17]. **Electric** [AKM⁺²², VA17b]. **Electrical** [BHLG19]. **Electrode** [RBWB20]. **Electromagnetic** [JIR⁺²¹, WFSS20]. **Electromigration** [DNT20]. **Electron** [HCW⁺¹⁶]. **Electronic** [CH10a, HHH⁺²¹, KLSZ09, 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, LHL16, 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, Wo196, XZC09, ZYDP08, ZP08]. **Embedding** [CM18]. **Embeddings** [CM19]. **Emerging** [BRCS18, SN10, YPCF17, BC08]. **Employing** [GS13, ZK15]. **emulated** [THC⁺¹⁴]. **Emulation** [ALLE20, LTZ22, ADP⁺⁰⁷, HMVG13, KRK98, MW97]. **En/Decoder** [S JL23]. **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** [MDR15, OT15, PMP17, YMB15, ZLG⁺¹⁹, KJT04, LCD07, LWC07, NT05, RTNL05, YGZ04]. **Encryption** [Che18]. **End** [ENP20, S JL23, GABP00]. **End-to-End** [S JL23, ENP20]. **Ended** [RM23]. **Endurance** [CHC⁺¹⁶, CCK⁺¹⁸, HHK⁺¹⁷]. **Energy** [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, PMP17, RB19, SMS22, SPC⁺¹⁵, SKR⁺²², TLCF16, TYSF20, TBCH17, WH05, WKL⁺¹⁸, XPZ⁺¹⁸, XPX⁺²¹, 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** [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, EKEK22, MR05, SKR⁺²², SLXZ12, SHN12, Wu09]. **energy/thermal/cooling** [ANR13]. **Engine** [LLL⁺¹⁸, TMDF10, CNQ13, DP02, DP04]. **Engineering** [AYS20, CM18, EAP17, GDTF17, WSS⁺¹⁸]. **Engines** [HKL⁺¹⁵]. **Enhance** [DLC⁺¹⁷, GS13]. **Enhanced** [CYH19, LKH19, Pom15a, TWL16, FWCL05].

enhancement [HWCL13, LCKT12]. **Enhancements** [Che18, PKC⁺21, ZAZ13]. **Enhancing** [CCK⁺18, 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]. **Environmentally** [YBS⁺18]. **EPGAs** [YTHC97]. **EPIC** [AMR00]. **ePlace** [LCC⁺15]. **Equal** [Pom21b]. **Equation** [Shi20]. **Equipment** [GCL⁺16]. **Equivalence** [AA17, Fuj05, AGM01, HMB98, HCC01, KMS12]. **Equivalent** [Pom21b, MCMW08]. **Era** [HAB⁺17]. **ERfair** [NSH⁺16]. **Error** [CS22, DHZL23, LTYW12, LD17, LWC18, LW21, PB12, PHKW12, PGCB16, SMS22, TLFC16, WH20, KIO1, KSA⁺10, RM09, SCCH08, VAAH⁺98, WHXZ13]. **Error-Correcting** [PGCB16]. **Errors** [DFM15, RJBS09]. **Escape** [JD18, Yan17, Yan18]. **ESL** [KSS⁺09]. **ESPSim** [LAYZ23]. **Establishing** [GSFT16]. **establishment** [AJM13]. **Estimate** [LMA⁺16]. **Estimates** [CM19, GS00]. **Estimating** [Meh98]. **Estimation** [APDC17, APS18, BZW17, LD17, LZY⁺23, NSP⁺20, PB12, SNH02, SSN22, TC98, WXH⁺19, ZLG⁺19, 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** [JYHY21]. **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, WK12, WHXZ13, DSRV02, FW00, Kan06]. **Exploration** [FLG⁺23, 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]. **Exploring** [CK19, TLFC16, 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]. **Extreme** [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** [CPW04, DK16, DNT20, GdRJM21, GLY⁺12, 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,

LCC⁺¹⁵, OS03, QSK12]. **FastCFI** [FHHR21]. **Faster** [SSN22]. **fastest** [Das04]. **Fault** [CYH19, EKS⁺¹⁴, GT21, GVJ15, HDB22, HWL⁺²³, IYF⁺²¹, JIR⁺²¹, JPM⁺¹⁹, LW17, LW21, LXWC20, LTZ22, NGL⁺²¹, Pom22, RRHB21, XCF18, 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]. **Feature** [HDZ⁺²⁰, VTC20]. **Features** [LL19]. **featuring** [EK97]. **Feed** [LHS20]. **Feed-forward** [LHS20]. **feedback** [LWK11]. **FET** [AKM⁺²²]. **fetches** [KTKO13]. **FFT** [HDZ⁺²⁰, TMDf10]. **FFT-based** [HDZ⁺²⁰]. **FH** [HGLC16]. **FH-OAOS** [HGLC16]. **Fidelity** [WFSS20, SCL⁺²²]. **Field** [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** [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, WZDG16, 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]. **Flexible** [BHK17, IGN18, LKC⁺¹⁸, RS18, CL99b, MS00]. **FlexRay** [SGC⁺¹⁴]. **Flip** [HS18, KMO⁺¹², LW21, XCW12, Yan16, KOS09, KSA⁺¹⁰, LLLC13, Yan11, ZMTC13]. **Flip-Chip** [Yan16, Yan11, ZMTC13]. **Flip-Flop** [KMO⁺¹², LW21, XCW12, 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, HCRK11, HCZ⁺¹⁶, KLE18, LJL⁺²³, HMLL11, LHZ⁺⁰⁶, LCC11, LLM01, SYZ08, WLCJ09, YYC07, YYC09]. **floorplanning-based** [LCC11]. **floorplans** [DSK01, MSKBD07, MS00, WYC10]. **Flop** [KMO⁺¹², LW21, XCW12, LLLC13]. **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, BFP08, DTC⁺⁰⁹, FHHH22, GDF09, KMS12, LC13, OM08, WC06]. **Flow-Based** [KGS⁺²⁰]. **Flows** [JLJ15, VGG19]. **Fluid** [GHYR19]. **Fluids** [KGS⁺²⁰, RCK⁺¹⁵]. **Flux** [LSZ⁺²¹]. **FOLD** [Pom15b]. **Folded** [AFM14, HS18]. **Folding** [Pom15b, BHS11, TS96]. **footprint**

[AMM⁺06]. **Forced** [RSR01]. **Forecasting** [LG23]. **form** [CW01, PR09, Shi20]. **Formal** [Ali12, BGM04, EW18a, KMS12, KG99, SSS⁺19, SGGR14, VS12a, ADS⁺09, CMM00, MR96, RFYL98, SMSB05, VS12b, Zho08]. **Formally** [KRH18]. **formats** [AMR00]. **Forming** [PR07]. **FORTIS** [GSFT16]. **Forward** [GSFT16, GS00, LHS20]. **Foundation** [TB20]. **Four** [HGLC16]. **Four-Step** [HGLC16]. **Fourier** [LCC⁺15]. **FPGA** [AMM⁺18, ACT13, ALLE20, BS14c, BHS11, CWW96, CZW⁺03, CH00, DP02, EW18b, FW00, FHHR21, GPK⁺09, GVJ15, HABS15, HYK⁺20, HLHT08, HW14, JLF⁺12, KT96, KL05, KFH⁺08, LKM04, LLL⁺18, LM19, LZA⁺21, LDX22, MMM⁺22, MW97, MA16, MP07, MS21, OK20, PSD21, PL98, PMT20, 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, MLM08, SPMS02, Tes02, VKT02, WG11, WS22, WLC02, WSEA99, YGH⁺10, YLL09]. **FPIC** [CZW⁺03]. **Framework** [CSC⁺21, DK16, DSHD23, GACK22, GDTF17, HWDQ22, HLZ⁺22, HRC21, JJH21, JSS⁺19, JPHL16, KPB19, LL15, LZY⁺23, LIK22, LTZ22, LDX22, MBD⁺20, NPH⁺20, 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, BLR06]. **frequencies** [PL03]. **Frequency** [GC18, JPHL16, WTR12, WGS16, GM08, JDT⁺08, LTPR⁺13, ML09]. **frequency-** [LTPR⁺13]. **Frequent** [YGZ04]. **FSM** [AGM01]. **FSMs** [CK16]. **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** [CSC⁺21]. **Functional** [CVMP19, DCK07, FRS97, PR98, Pom15b, Pom15c, Pom16a, Pom16c, Pom18a, Pom18b, Pom19a, Pom21a, VLH98, WSEA99, XLY⁺18, CMB07, CK96, LOC12, MT02, Pom13, Pom14b, Vah99, AG22]. **Functionality** [BFV15, HLCH07]. **functionality-directed** [HLCH07]. **functions** [BC11, CCQ98, TW96]. **Fundamental** [SBY⁺20, XLNB17, Voe01]. **FUNI** [LIA00]. **Future** [HAB⁺17, KBV⁺15, ZZCY17]. **FuzzRoute** [RGM15]. **GALS** [SS11]. **GALS-Designer** [SS11]. **game** [HR06, RJL⁺09]. **game-theoretic** [HR06]. **GANDSE** [FLG⁺23]. **Garbage** [GSD⁺18, HCL⁺14, ZLW⁺15]. **Gate** [CM19, CDB11, Che96, 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, SCS10, YHL07]. **Gaussian** [ZYW⁺18]. **GBDD** [YTHC97]. **GEMM** [CSO22]. **General** [CH02, wATkK02]. **Generalized** [Pom15c, DS06]. **Generated** [CCH15b]. **Generating** [MFS09, MN17, PKJK20, KT01]. **Generation** [BKW15, BFV15, CYV⁺14, IE12, LCY12, LV14, LCYN18, MFHP12, MCD12, NPH⁺20, PCT⁺17, Pom17a, Pom17b, Pom18b, SHD17, Shi20, STJG16, SOS15, WLM21, WWW⁺12, YLZ⁺17, YD16, 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]. **generator** [BCR⁺08, WWC04]. **generic** [FLWW02, FLWC07]. **Genetic** [MA16]. **Genetic-Algorithm-Based** [MA16]. **Geometric** [CM18, WJYZ11]. **geometry** [JCGP05]. **Global** [AOC02, BM11, GD22, RGM15, WSH⁺18, CLYP09, DHV⁺00, SPA⁺03, ZHTC09]. **Global/Local** [BM11]. **Globally** [PMS15]. **GMDF** [FIR⁺97]. **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, SSN22, TYSF20]. **GPU-Based** [LH11]. **GPUs** [BYT22, SABSA15, 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** [CH17, CBR⁺22, CXR⁺23, FCZ⁺23, HRC21, HLW⁺23, JHMGS18, JOH17, LB00, LJL⁺23, 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, 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** [LHJ12, YHH09]. **Grouping** [XCW12, KSA⁺10]. **Guarantee** [MN17]. **Guaranteed** [PMS15]. **Guest** [CH10b, Mar00, SJ02]. **Guidance** [ZKS⁺16]. **Guided** [YVC14, RNR⁺21]. **Guidelines** [WPR⁺19]. **Guiding** [EW18a]. **Hamming** [HRK18]. **Handling** [DH06, GdRJM21]. **Hard** [CHBK15, CWL⁺22, 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, IPWW17, KTKO13, KP22, LG18, LHF12, LF12, LPL⁺21, MED23, MRL⁺20, MFHP12, MRL⁺19, PTPB22, RB19, SKR⁺22, TY19, VTC20, XFJ⁺16, YSF⁺18, YCL⁺20, YBM⁺21, YGH⁺10, 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]. **Harnessing** [RBWB20]. **Harvesting** [SAL19, XPZ⁺18]. **hash** [YTHC97]. **Hashing** [CJKK19, JCK⁺18]. **hazards** [HA05]. **HBM** [PRKK21]. **HBM-like** [PRKK21]. **Heap** [JPM⁺19]. **Heaps** [KLK⁺17]. **heartbeat** [DHZ⁺11]. **heartbeat-detection** [DHZ⁺11]. **Height** [CZZYW21]. **HeM** [AJK⁺21]. **Heterogeneous** [AJK⁺21, ETAV18, GADG19, MBD⁺20, RS18, SPT⁺17, SVK17, SSL17, SAL19, SWT23, TBCH17, 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⁺23, JDD20,

LMB⁺¹², LJ18, MSKBD07, OKJH22, SKR⁺²², TZ17, WMT⁺¹⁶, WLH20, XT16, BG01, HKV⁺⁰⁷, VKKR02, ZM07].

Hierarchy [CM19, FW00]. **High** [AKAKP18, Ali12, CSC⁺²¹, CET16, CS22, CK16, DKT⁺¹⁶, DBK⁺¹⁸, DLC⁺¹⁷, EKEK22, FCZ⁺²³, GHW⁺¹², HIW15, HSP⁺²², ISK21, JD00, LLL⁺¹⁸, LYKW09, LQD22, MACV14, NSP⁺²⁰, PSD21, PRKK21, PTC05, PFHAH22, RCW22, RJ14, RM23, Sch17, SYH⁺²², SS14, SLV⁺²², VAAH⁺⁹⁸, WMT⁺¹⁶, WS22, ZYW⁺¹⁸, 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-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-Performance

[DKT⁺¹⁶, DLC⁺¹⁷, LLL⁺¹⁸, WMT⁺¹⁶, 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, EK97, IK19, KK11, KKHK16, LCJ⁺¹⁰, LTZ22, Ped96, WCB15, WXH⁺¹⁹, WSS⁺¹⁸, XGC⁺²⁰, ZLL13]. **IC/MCM** [EK97]. **ICOS**

[HCLC98]. **ICs**

[CM18, CM19, CLT⁺¹⁵, GSFT16, LHJ12, LS17, PKC⁺²¹, THM15, WWCT18, YHH09].

IDDQ [TCP97]. **Identification**

[VTC20, DNA⁺¹², JDT⁺⁰⁸]. **identify** [LIA00]. **Idle** [LC07]. **Idleness** [GSD⁺¹⁸].

IDs [SOS15]. **II** [JW08]. **IIoT** [PTPB22].

ILA [HZS⁺¹⁹]. **illegal** [LIA00]. **ILP**

[GBK07, MRC06, MWG97, OCRS07, OK08, SR12]. **ILP-based** [MWG97, OK08]. **Image**

[GAT⁺²¹, RB19, WYIG07]. **Imbalanced**

[HDZ⁺²⁰]. **Impact** [GBK07, LDD⁺¹⁹, MDR15, RB19, TY19, XNZ⁺¹⁵, KTKO13].

Impacts [LHS⁺²¹]. **implement** [ADM⁺¹³].

Implementation [ANS⁺²⁰, ALL17, HCRK11, JM14, KKL15, LS22, 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** [HWGY16, KKLP15, LWC18, Giv06, LV02, PDN97, Vah99]. **Improvement** [JGM14, KMO⁺12, THM15, DD02]. **Improvements** [KAKSP16, VLH98]. **Improving** [ALLE20, CL13, CHC⁺16, CWL⁺22, KRS06, KYL16, RAKK12, WDL17, WSH⁺18, WH19]. **In-Cache** [BFG⁺19]. **In-Memory** [ZXC⁺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, SGR14, 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]. **Inductive** [IPWW17, HMLL11, LXCH04]. **Inductor** [WDC⁺22]. **Inference** [CBC22, LCG⁺22, LPL⁺21, MNMK⁺21]. **Inferencing** [PGGD23]. **Information** [HMO⁺14, NPH⁺20, RRHB21, ZBPF18]. **Informative** [TEK18]. **Initializability** [CPR⁺02]. **Initialization** [WL12]. **Injection** [JIR⁺21, LTZ22, MLH⁺17, BPRR98]. **Input** [JK10, LV14, PIK20, Pom16a, Pom16c, Pom21b, SRC15, BD05, BH03, CCW08, KM97]. **Inputs** [Pom18a]. **Insertion** [HS19, LTW⁺16, PSD21, SHL⁺19, WZH⁺23, CW01, JHL02, LXCH04, LLHT12, LCL08]. **insertion/sizing** [CW01]. **inspired** [GNQ⁺22]. **Instinctive** [MVK⁺18]. **Instruction** [HKL⁺15, HZS⁺19, KKMB02, LPD⁺17, LCD07, LHF12, LF12, OT15, SEN05, TYSF20, AMR00, Hua01, KSK⁺05, KTKO13, KHW06, LP03, LLHT03, LYCP13, LMW99, WH05]. **Instruction-Level** [HZS⁺19, TYSF20, SEN05]. **Instruction-Set** [HKL⁺15, LP03]. **Instructions** [KAKSP16]. **Instrumentation** [FHHR21]. **Instrumenting** [MPDG09]. **Integer** [ETAV18, TZ17, GH00]. **integer-programming-based** [GH00]. **Integrate** [LLH⁺17]. **Integrated** [HMLL11, HWX⁺14, HS19, JNCS19, KK14, KLE18, LLM⁺23, LZ21, NCP01, RGM15, SHD17, BWB14, LFG⁺09, XTW05]. **Integrating** [BMdG17]. **Integration** [APD⁺11, AJK⁺21, BPTB17, BRCS18, IGN18, JHMGS18, TMDF10, YD16, DL11, LHZ⁺06, SSP04]. **Integrity** [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** [HCZ⁺16, LKLC22, MSB⁺09, WTR12, XS16, HR06, HLHT08, JPCJ06, SY07]. **Interconnection** [GADG19, CFX09]. **Interconnections** [GNQ⁺22, KM97]. **interconnects** [CML98, CH96, XZC09]. **Interface** [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, JW08, LP07, LZR23, 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, 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** [KCKG16, KCKG13]. **ISAs** [SBH⁺⁰⁶]. **Ising** [MS21]. **Ising-FPGA** [MS21]. **Island** [LCY12, GM08]. **Islands** [JPHL16]. **Isolation** [CCS15]. **Issue** [ADGSM22, BJX15, HAW20, LZR23, 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]. **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]. **Key-based** [JZG21]. **Key-Obfuscated** [ISK21]. **knapsack** [SBGD13]. **Knowledge** [EO19]. **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]. **language** [MSD06, MLC08, PHM00, RHN00].

languages [BGM04, Edw03, SSG12]. **Large** [CK19, CSX⁺⁰⁵, DNT20, GNQ⁺²², JZY15, LYL⁺¹⁹, YVC14, ZHC⁺²¹, AM10, DD02, HH09, MRB⁺¹¹, SCB01]. **Large-Scale** [LYL⁺¹⁹, YVC14, CSX⁺⁰⁵, GNQ⁺²²]. **Last** [KLJ14, SABS15, SAL19, CXK⁺¹³]. **Last-Level** [KLJ14, SABS15, SAL19]. **Latch** [JNCS19, 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, WPHL08]. **launch-off-shift** [WPHL08]. **Launch-on-Capture** [XCW12]. **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, 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** [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, 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, DNT20, EW18a, GT21, HDZ⁺²⁰, HAW20, HMMG⁺²⁰, HXC⁺¹⁸, HFMB20, HHH⁺²¹, IE12, JBJ22, KP22, LG18, LYHL14, LZY⁺²³,

LZR23, LG23, LPL⁺²¹, MBD⁺²⁰, NSP⁺²⁰, PJJ14, RNA⁺²¹, RPR⁺²¹, SKR⁺²², SCK⁺²³, SWT23, SAHF⁺²⁰, TEK18, WH19, WLH20, WS22, WDLX21, XAG⁺²⁰, ZKS⁺¹⁶, ZHC⁺¹⁸, CXS⁺²³, STL⁺¹³.

Learning-Based [LG18, HFMB20, LG23, SWT23, XAG⁺²⁰].

Least [JLJ15]. **Legalization** [CZZYW21].

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, MNMK⁺²¹, PDS12, Pie16, RCW22, RJ14, SABSA15, Sch17, SS14, SLV⁺²², SAL19, TYSF20, VTC20, WDLD17, AYM05, BdM00, BD00, CM19, CCYC14, CIB01, CXK⁺¹³, Che96, GM08, GG99, GS00, GGDN04, HJ08, 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]. **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].

Lightweight [MPM⁺¹⁷, NSCM17, MMM⁺²²]. **like** [PRKK21]. **limitations** [Voe01]. **limited** [LLKC13]. **line** [SNH02, ZYZ⁺¹³]. **Linear** [ACFM12, 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]. **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, SLP⁺¹⁹, WB16, 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]. **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, GBR07, GAT⁺²¹, HWDQ22, HLKN07, HTCP13, KP22, LTYW12, LS23, LSL⁺¹³, LQD22, LS17, MED23, MKK13, MACV14, PMT20,

PMB10, Pom14b, RFB10, 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** [BPRR98, HCK13]. **Low-coverage** [WPR⁺¹⁹]. **Low-data** [LS23]. **Low-energy** [LSL⁺¹³, MED23]. **Low-Latency** [YKCG14, PMT20]. **Low-Overhead** [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** [SCK⁺²³]. **lower** [LC96, TC98]. **lower-bound** [LC96]. **Lowering** [JLK15]. **LSTM** [CBC22]. **LUT** [CD96, CH00, KNRK06, LKM04, VKT02]. **LUT-based** [CH00, KNRK06, LKM04, VKT02]. **LVS** [LBV⁺⁰⁶].

MAC [BS14a]. **Machine** [ALLE20, BHBS22, CAOM19, CCMC20, CXS⁺²³, DNT20, EW18a, HAW20, HMMG⁺²⁰, HXC⁺¹⁸, HHH⁺²¹, IE12, KP22, LYHL14, LZY⁺²³, LZR23, NSP⁺²⁰, RPR⁺²¹, SCK⁺²³, SAHF⁺²⁰, XAG⁺²⁰, ZHC⁺¹⁸, 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]. **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, PJJ14, PBZM19, SKP21, SAHF⁺²⁰, VA17b, WMT⁺¹⁶, WXH⁺¹⁹, 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** [YCL⁺²⁰]. **Many** [CAOM19, GD22, SESN15, WMT⁺¹⁶, WDLX21, ZHC⁺²¹]. **Many-Core** [CAOM19, SESN15, WMT⁺¹⁶, GD22, WDLX21]. **Manycore** [AJK⁺²¹, KLK⁺¹⁷]. **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]. **Massively** [ZWD11]. **Matched** [LCYN18]. **Matching** [CLC20, MS17, THM15, WLLH16, ZLG⁺¹⁹, BD97]. **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]. **MCOMM** [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** [LSCK20, PBWB21]. **Media** [SLV⁺²²].
Medium [MED23]. **MeF** [AKM⁺²²].
MeF-RAM [AKM⁺²²]. **memetic** [LFG⁺⁰⁹]. **Memories** [AAA15, DFM15, DHZL23, JSA18, LS23, SKP21, JD00, MRB⁺¹¹, NR03, OK08, RMB10, SPG⁺⁰⁸].
Memory [AKM⁺²², BLNK14, BD14, CPS16, CCK⁺¹⁸, CIX15, DFM15, DHX⁺²³, HJY23, JCK⁺¹⁸, JPM⁺¹⁹, KLSP11, KKL15, 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, TMD10, WQC⁺¹⁶, WDZG16, WFT⁺¹⁹, WDD⁺²³, WGS16, WZL⁺²¹, XNZ⁺¹⁵, ZXC⁺²³, ZLW⁺¹⁵, ZZCY17, AMM⁺⁰⁶, BD08, BHDS09, BGN⁺⁰⁷, CPW04, CJLZ11, 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 [XGC⁺²⁰]. **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]. **Method** [AKAKP18, BZWZ17, CZZYW21, JSS⁺¹⁹, LCC⁺¹⁵, MNMK⁺²¹, RGM15, SYH⁺²², SRC15, STGR15, WTR12, WMT⁺¹⁶, WZL⁺²¹, YLZ⁺¹⁷, ZYW⁺¹⁸, CGN96, CL99b, HW00, Kag05, LH13, LDK99].
methodologies [BW00, CEB06, MD13, SCS10].
Methodology [BFV15, DK22, EKEK22, EAP17, HXB⁺²², KKL15, KJR⁺⁰⁷, KMO⁺¹², LW17, LSZ⁺²¹, LZ21, LZZSV15, LLLL18, NSP⁺²⁰, SWT23, VA17a, VEO16, VBP⁺¹⁹, 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** [RBWB20, YBM⁺²¹]. **Micro-architecture** [YBM⁺²¹]. **Micro-Electro-Dot-Array** [RBWB20]. **Microarchitectural** [GOC02, LS11, HMLL11].
Microarchitecture [ZBPF18, CFX09].
microcontrollers [CD09]. **MicroElectrode** [RB21]. **MicroFix** [YHL⁺¹¹]. **Microfluidic** [CPK20, CGLH23, GLD⁺²², GHYR19, JYHY21, KGS⁺²⁰, LHC16, LKC⁺¹⁸, MGR⁺¹⁵, MWK21, PGC16, 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, 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, TPC⁺17, WDZG16, WC10, KT96]. **Minimum** [BFL10, HYN15, JLK15, KJKK03, FNMS01, MS00, ZCG06]. **minimum-area** [MS00]. **Minimum-Energy** [BFL10]. **Mining** [LWC18]. **miss** [TY97]. **Missing** [HDB22]. **Mission** [BSP⁺22]. **Mistakes** [DHB16]. **Mitigate** [JIR⁺21, MDR15, RJS09]. **Mitigating** [LHS⁺21, MRB⁺11]. **Mitigation** [BFL10, KRL15, MRL⁺20, HMLL11]. **Mixed** [BB17, CZZYW21, CYH19, HRC21, IGN18, KMR18, SZB17, 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]. **Mixed-Size** [YVC14, AM05]. **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, SLC⁺22, UE22, LC07]. **Mode-benefited** [SLC⁺22]. **Mode-Reconfigurable** [UE22]. **Model** [AVG19, CLH12, CCH15b, CB17, EAP17, GFJ16, GGB97, JJH21, KW16, LH14, LJ18, LCG⁺22, LOC12, MS21, SZB17, 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, PSL⁺98, QBTM16, RGT⁺14, RPR⁺21, SSS⁺19, TWL16, WTR12, WGT⁺17, BBD00, JP08, LMW99, LON08, LVL03, MPSJ07, PTC05, RHN00, RFYL98, Rak09, SKCM06, VAAH⁺98, VLG01, WTL⁺13, WJY⁺07, ZM07]. **Models** [APD⁺11, APS18, BBEM15, BFG17a, HHL14, LS23, LFST21, LS22, MA16, RG19, WLM21, YBM⁺21, ZABGZ17, GMSSS02, LTPT10, MRC06, SGD10, SMSB05]. **Modern** [DKT⁺16, NTSA18]. **Modification** [JK10, PAV17]. **Modular** [GAT⁺21, ZMS⁺19]. **Module** [HRC21, LCYN18, SC06, CCX06, SCJ01, TW96]. **Module-Linking** [HRC21]. **modules** [CWW96, CZW⁺03, KT96, OWH08]. **Modulo** [PG15]. **Modulus** [CZZYW21]. **Modulus-Based** [CZZYW21]. **Monitoring** [FYCT15, LL15, LHLP16, LLH⁺17, SL18, APB⁺08, CXK⁺13, CBR⁺05, KP13, WJY⁺07]. **Monitors** [VBP⁺19]. **Monolithic** [AJK⁺21, LDD⁺18, LDD⁺19, PKC⁺21]. **Monotone** [DPNB02]. **Monster** [FHHH22]. **Monte** [FZL⁺23, GLY⁺12, ZFL22]. **morphing** [RAKK12]. **MOS** [ZK15]. **MOSFET** [BFL10]. **notes** [RFB10]. **Motion** [FG18, ZLG⁺19, DHV⁺00, KMS12]. **Movement** [HWGY16]. **MP** [CRC15]. **MPSoC** [BGN⁺07, GK14, KKJ⁺08, KH10, SGD10]. **MPSoCs** [ADP⁺07, DJP21, 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, GACK22, HC17, JOH17, KGS⁺20, KLE18, LFST21, LG23, PBWB21, PBF⁺22, PY20, SFM⁺19, SBY⁺20, SCL⁺22, WFSS20, WZH⁺23, WDLX21, ZLY⁺15, ZHJ⁺23,

dONH23, CNQ13, HGBH09, HMB98, KOS09, MPSJ07, PB14, Pom14a, RAKK12, SZV⁺¹², Wu09]. **multi-** [KOS09]. **multi-bank** [Wu09]. **Multi-chip** [WDLX21]. **Multi-Core** [CYH19, ETAV18, SBY⁺²⁰, LG23, RAKK12, SZV⁺¹²]. **Multi-Cores** [SFM⁺¹⁹]. **Multi-Cycle** [WZH⁺²³, Pom14a]. **multi-engine** [CNQ13]. **Multi-Fidelity** [WFSS20, SCL⁺²²]. **Multi-FPGA** [BS14c, PY20]. **Multi-kernel** [EKEK22]. **Multi-MoC** [MPSJ07]. **Multi-Mode** [JOH17]. **Multi-Objective** [GACK22, KLE18, SFM⁺¹⁹, dONH23, LFST21, SCL⁺²², PB14]. **multi-phase** [HMB98]. **multi-processor** [HGBH09]. **Multi-Start** [ZLY⁺¹⁵]. **Multi-strategy** [ZHJ⁺²³]. **Multi-Target** [KGS⁺²⁰, PBWB21, PBF⁺²²]. **Multi-threaded** [HC17]. **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** [KKHK16, LLLL18]. **Multilevel** [HBPW14, JZYZ15, PJJ14, ZF23, JCS⁺⁰⁸, SGK08]. **multilevel-cell** [JCS⁺⁰⁸]. **multimedia** [HKL⁺⁰⁷, ZHM07, ZHOM08]. **multimetric** [HR06, RGM09]. **Multimode** [SSGS03]. **multiplane** [AJM13]. **Multiple** [BM11, GYT12, 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** [PY20]. **Multiplication** [GYT12]. **Multiplier** [EKEK22, SMS22]. **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, PJJ14, IAI⁺⁰⁹, PTC05, ZYDP08]. **Multirate** [ZABGZ17]. **Multistage** [Shi20, LON08]. **multistandard** [CCC^{+09a}]. **Multitarget** [SKS⁺¹⁸]. **multitasking** [NG06, PW99]. **multiterminal** [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]. **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** [CM20, CARH18, DJP21, DNT20, EJR22, FLG⁺23, HZL⁺22, HCZ⁺16, HXC⁺18, KLK⁺17, LDD⁺18, LDD⁺19, LW17, LJJ⁺22, LJJ⁺23, MT15, PMT20, WXH⁺19, WDLX21, XS16, XCF18, YKCG14, ZHC⁺21, ZYS12, CSC08, CL13, CM08, CXK⁺13, CCL04, GNQ⁺22, HW14, KMC97, LCOM07, LLKY13, LLKC13, OCSR07, RFB10, LCG⁺22]. **Network-based** [FLG⁺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]. **Networks** [BKW15, BDBB19, CZW19, CAP⁺23, FCZ⁺23, GAT⁺21, HWL⁺23, HLX⁺23, IHM15, JLJ15, KPB19, LHS20, LDP⁺22, LYL⁺19, MAS⁺20, MNMK⁺21, MPM⁺17, NM23, SSK⁺23, SRTG19, 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** [EJR22, FLG⁺23, FCZ⁺23, GAT⁺21, HXZ⁺23, HLX⁺23, JYY⁺22, LHS20, LDP⁺22, LPLK22, LYL⁺19, LJJ⁺22, LJJ⁺23, MNMK⁺21, NM23, NGL⁺21, SSK⁺23, WXH⁺19, WDLX21]. **Neuromorphic** [GT21, LS22, XGC⁺20]. **Neuron** [ZK15]. **Neuron-MOS** [ZK15]. **Next** [PFHAH22, YD16]. **Next-generation** [PFHAH22]. **NMOS** [RM23]. **NoC** [ADDM⁺13, CAOM19, CBR⁺22, CXR⁺23, DJP21, HWX⁺14, JBJ22, MHT14, QBTM16, 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** [BPTB17, LZA⁺21, NSS⁺16]. **noise** [GGBZ02, HR06, HMLL11]. **nominations** [Ano13]. **Non** [AKM⁺22, GLY⁺12, HSP⁺22, LL15, SL18, STJG16, WDL17, ZYW⁺18, KCKG13]. **Non-enumerative** [STJG16]. **Non-Gaussian** [ZYW⁺18]. **Non-Intrusive** [LL15, SL18]. **Non-Monte-Carlo** [GLY⁺12]. **non-overlapping** [KCKG13]. **Non-Volatile** [AKM⁺22, HSP⁺22, WDL17]. **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, MS17, VNS19, DDFR13, SCCH08, Ped06]. **NP** [DK22]. **NP-Separate** [DK22]. **NPU** [LPLK22]. **number** [HPK99]. **NVM** [BRCS18]. **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** [SJM23, Wol96, HCLC98, Hsi01]. **Object-oriented** [Wol96, HCLC98, Hsi01]. **Objective** [GACK22, KLE18, SFM⁺19,

dONH23, LFST21, PB14, SCL⁺22].
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, 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, JZY15, SCK18, SMBT19, ZYPC17, DNT20, LCOM07, PDN00, WDC⁺22, ZSZ10, ADS⁺09, CCL04, KP13, LH13, NR03, PPDK09, YLP⁺13, ZM07].
On-Demand [AAA15]. **On-device** [TZZH22]. **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** [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].
opportunities [VCLD03]. **Opposite** [HCN09]. **Opposite-phase** [HCN09].
Optical [DZ18]. **Optimal** [ABC⁺17, BKW15, BASB01, Cha01, CCX06, CARH18, CH96, FG18, GSS14, HWCL13, KNCK96, 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, DZCD15, GLY⁺12, GK07, HRC21, HLG⁺15, HS19, JBJ22, JPHL16, JNCS19, KKK12, KKS16, LFST21, LHC16, LZSV15, LH11, LYCP17, NM23, PTS⁺20, PPP⁺15, PY20, SFM⁺19, SYHL14, SHBD21, SRTG19, SHL⁺19, SCK⁺23, SCL⁺22, TRM⁺16, WHRC12, WFSS20, WDC⁺22, WKC12, WSRH16, WDLX21, XJF⁺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, 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, 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]. **Ordered** [JD18]. **Ordering** [AJM13, GKM05, LXCH04, MKW08].
organization [PDN97]. **Oriented** [CLC20, RGT⁺14, HCLC98, Hsi00, Hsi01, LHZ⁺06, Sen11, Wol96]. **Orthogonal** [GLY⁺12]. **outbreak** [FNP09]. **Outcome**

[HFMB20]. **Output**
 [JM14, LJJ⁺²², WSEA99]. **Outputs**
 [LHS20]. **Overhead**
 [AYS20, EAAK⁺²³, FHHH22, LQD22, PKJK20, WLL⁺¹¹, MHQ07, PMB10].
Overhead-aware [WLL⁺¹¹]. **Overlapping**
 [KCKG16, YYG⁺¹⁶, KCKG13]. **Overlay**
 [EW18b, LM19]. **Upscaling** [CS22].
Overview [SLP⁺¹⁹].

P3 [HK18]. **Pack** [ZHJ⁺²³]. **package**
 [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, ZKS⁺¹⁶, ST99]. **Parameterised**
 [HABS15]. **parameterizable** [BHS11].
Parameterized [LTPT10, CT13, TP08].
Parameters [BBEM15, BHLG19, KPR06].
Parametric [BFG17a, LON08, LCKT12].
Parasitic [LZ21, WLLH16].
Parasitic-Aware [WLLH16, LZ21]. **parity**
 [RMB10]. **PARR** [XYG⁺¹⁶]. **parser**
 [MLC08]. **Part** [HLZ⁺²²]. **ParTBC**
 [SSN22]. **Partial** [KQP⁺¹⁹, MCZ⁺¹⁶,
 ETR07, GDG⁺⁰⁸, KBN09, KJT04].
Partially [DHX⁺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, 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, ETR07, LC14,
 PT06, PMB10, SHLL98, SSP04, XLCL13,
 Yan08]. **Path-Assessed** [LLLL18].
Path-Aware [AKAKP18]. **Path-Driven**
 [LVS16]. **Paths** [GC18, BK00, PGB01].
Pattern [BKW15, CCK⁺¹⁸, 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,
 KYL16, LHS20, LDD⁺¹⁸, LMW99, LLL⁺¹⁸,
 LS19, LLM⁺²³, LTPR⁺¹³, NRZ⁺¹⁸,
 QBTM16, SYX12, TBCH17, TRM⁺¹⁶,
 TK18, THT12, THC⁺¹⁴, WY06, WMT⁺¹⁶,
 WLC02, WLCJ09, Yan16, YP10, ZLW⁺¹⁵,
 CL13, 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 [CXLL22, CO18, HLHT08, PKC⁺²¹, PTPB22, SKM⁺¹⁶, YD16, GWR13, HMGV13, MLG12, SYL09].

Physically [CSC⁺²¹]. **Piecewise** [HBPW14]. **PIM** [CXR⁺²³]. **Pin** [XYG⁺¹⁶, Yan20, OWH08, XTW05].

Pin-Access [XYG⁺¹⁶]. **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].

Placement [DK16, HWGY16, HWCL15, JYHY21, JNCS19, KRL15, LLL⁺¹⁸, LNG⁺¹⁶, LCC⁺¹⁵, LB11, MCZ⁺¹⁶, MJB19, PSD21, SAHF⁺²⁰, TRM⁺¹⁶, WSH⁺¹⁸, 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]. **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, 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, WZG16, 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]. **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]. **Post-Processing** [GDD21]. **Post-silicon** [PTS⁺²⁰].

Postlayout [CLLK06]. **Postplacement** [CMB07, LCY12, WWG08, XLL⁺¹⁶].

Postscheduling [FHHG12]. **postsilicon** [MKK13]. **Power** [ACF⁺¹¹, ALL17, BLM00, BS14b, BM11, BPTB17, CMP10, CH10b, CHBK15, CXH⁺¹⁶, CAP⁺²³, CLMZ10, DLC⁺¹⁷, DNT20, FG18, FZL⁺²³, GBR07, GCL⁺¹⁶, GAT⁺²¹, HWDQ22, HPK99, HYN15, JIR⁺²¹, JLK15, KKHK16, LG18, LKM04, LYHL14, LAYZ23, LLK⁺¹⁴, LHJ12, LHK⁺¹⁵, LKH19, LS17, MAS16, MKW09, MN17, NPH⁺²⁰, NSP⁺²⁰, PJJ14, Ped96, PTC⁺¹⁵, 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, KHW06, KYN⁺¹², LMB⁺¹², LLHT03, LYCP13, LHW⁺¹⁷, LBV⁺⁰⁶, LHW97]. **power** [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, 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** [LHJ12]. **Power/Thermal** [ZF23]. **Powered** [XPZ⁺¹⁸, CSAHR07]. **Powerful** [LTYW12, MB04]. **PowerPC** [WAZ98]. **PPA** [LS23]. **Practical** [CPK20, Pie16, VJBC07]. **Practice** [MDM⁺¹², SSCS10]. **PRAM** [KYL16]. **PREASC** [GD20]. **precedence** [ZAZ13]. **Precise** [Ali12, RCW22]. **Precision** [EJR22, HLX⁺²³, YCL⁺²³]. **Precision-reconfigurable** [EJR22]. **predefined** [PSK08]. **Predictability** [NSCM17]. **Predictable** [VGG19, WLZ⁺¹⁹, HGBH09]. **Predicting** [LHS20]. **Prediction** [CS07, CBC22, DNT20, DKZ⁺¹⁵, FG18, HWX⁺¹⁴, JGM14, LPY⁺²⁰, PBL⁺¹⁷, SAHF⁺²⁰, CR12, OM08, SYL09]. **prediction-based** [OM08]. **Predictive** [AVG19, HW00, TKVN07]. **Preemptive** [IHM15, SSC17, GDG⁺⁰⁸]. **Preface** [YD16]. **Preferred** [Pom18a]. **Prefetching** [DJP21, LV02]. **prefix** [LH09, ZCG06]. **Preparation** [PGCB16, PBWB21, PBF⁺²², RCK⁺¹⁵, SKS⁺¹⁸]. **prescribed** [DSRV02]. **Presence** [EKS⁺¹⁴, MCMW08]. **Preserving** [HK18]. **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** [HK18]. **Proactive** [KBV⁺¹⁵]. **Probabilistic** [APS18, CKAP07, CB17, GQW19, KW16, KVMH08, BLR06, FZKS11]. **Probe** [Kha12, BC05]. **Probe-Wear** [Kha12]. **problem** [DPNB02, DS06, FNMS01, LVL03, NR01, PDN00, SW99, YWW10]. **problems** [SB98, WGDk07]. **Procedure** [Vah99]. **Process** [AKAKP18, BHLG19, GC18, LWZ⁺¹⁹, RJ14, 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, HVMG13, JSG09,

LPP00, NM13, TYH08, ZHOM08].
Processing-In-Memory [WDD⁺23].
Processing-Near-Memory [LCJ⁺22].
Processor [HKL⁺15, ISE08, LHL16, 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, JZY15, 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 [SMBT19, THC⁺14].
Profiling-Based [SMBT19]. **Program** [HKL⁺15, BGN⁺07, RAKK12, WWC04].
Programmable [GHYR19, KP22, WSS⁺18, ZK15, CH02, CD96, LSPC14, MSD06, PTC05, PWY05, WV02]. **Programmers** [SYGC22]. **Programming** [ETAV18, KLSZ11, 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, SLP⁺19, KHP05]. **protocol** [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, DHV⁺00]. **Pseudo** [PKC⁺21]. **Pseudo-** [PKC⁺21]. **PSL** [BZ08]. **PSS** [DSHD23]. **PTA** [XJF⁺23]. **PTM** [LLH⁺17]. **PUF** [CCMC20, IK19, MMM⁺22, NSCM17]. **PUFs** [HRK18]. **Pulse** [LQD22]. **Push** [KMO⁺12]. **PV** [DZ18]. **PV-Aware** [DZ18]. **PVT** [PPDK09]. **PWM** [TWL16, WGT⁺17].
QoS [LYLW17]. **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, XPSE12].
Quality-Assured [JSS⁺19]. **Quality-Enhanced** [LKH19]. **Quantifying** [SGC⁺14, YRH11]. **quantitative** [LCOM07]. **Quantization** [GYT12, HWDQ22, HJY23, HLX⁺23, LDP⁺22].
Quantization/Mapping [HJY23]. **Quantum** [HZL⁺22, LSZ⁺21, ZFL22].
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, SABS15]. **ramp** [KM97]. **Random** [BZWZ17, BS14b, RPR⁺21, 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** [CJJK19, HDZ⁺20, LD17, MDG98, PB12, PHKW12, TY97]. **rates** [ACT13]. **Ratio** [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, FG18, FHHR21, GYZ⁺²², HXC⁺¹⁸, KPF16, LSCK20, NSH⁺¹⁶, PKJK20, PSNC18, SSC17, SBY⁺²⁰, SLV⁺²², SWT23, WLZ⁺¹⁹, WDZG16, WJG⁺¹⁹, YRH11, ZLW⁺¹⁵, APB⁺⁰⁸, DRG98, HVMG13, MHQ07, PEPP06, PW99, WLL⁺¹¹, ZAZ13]. **Real-Time** [CHBK15, CBC22, CH17, FG18, GYZ⁺²², HXC⁺¹⁸, KPF16, LSCK20, NSH⁺¹⁶, PSNC18, SSC17, SBY⁺²⁰, SLV⁺²², WLZ⁺¹⁹, WDZG16, WJG⁺¹⁹, YRH11, ZLW⁺¹⁵, FHHR21, SWT23, APB⁺⁰⁸, DRG98, HVMG13, MHQ07, PEPP06, PW99, WLL⁺¹¹, ZAZ13]. **realistic** [MFS09]. **Reality** [XLNB17]. **Realization** [ACFM12, CHHL96]. **reallocation** [ZYP09]. **realtime** [HG07]. **Reassignment** [Yan08, Yan08]. **ReChannel** [RHA08]. **Recognition** [GFJ16, RG19, SJL23]. **recompilation** [GF10]. **Reconfigurable** [ADB⁺¹⁹, AVG19, BKW15, CPS16, CM20, DHX⁺²³, EK16, JPHL16, LPL⁺²¹, MS21, MLC08, MRL⁺¹⁹, ORGD⁺¹⁵, SSC17, SVK17, UE22, ZLQ15, ZMS⁺¹⁹, ARLJH06, EJ22, 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, Shi20, WB16, WDL17, WH19, WLH20, CFHM09, CCW08, DK08, ETR07, GF10, HLHT08, KYN⁺¹², LCC11, LLHT12, LCJ⁺¹⁰, NT05, RMKP03, SY07, SBH⁺⁰⁶, SPMS02, TY97, WVYG99, YHL⁺¹¹, YWK⁺⁰³, YLL06]. **Redundancy** [CJJK19, JLK15, CMNQ08]. **Redundant** [KMO⁺¹², SHL⁺¹⁹, PGB01]. **Reed** [ZHJ⁺²³]. **reference** [AOC02, SM00]. **refinement** [CLM⁺¹⁰, GGB97, MS08, MOZ06]. **refit** [DVA02]. **Refresh** [CJJK19, LSL⁺¹³]. **Region** [BZWZ17]. **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** [CL99a]. **Regression** [BBD00, GD20]. **Regression-based** [BBD00]. **Regular** [XYG⁺¹⁶, CH13]. **regulation** [ZLL13]. **Reinforcement** [JBJ22, PJJ14, SKR⁺²², WDLX21, STL⁺¹³]. **Related** [dONH23]. **Relaxation** [LGGJ14, PY20]. **Relaxation-Based** [PY20]. **Release** [SZB17, YP10]. **Reliability** [APS18, CSC⁺²¹, CET16, CCK⁺¹⁸, CXLL22, KMO⁺¹², LHJ12, PPP⁺¹⁵, RMB10, TK18, WXH⁺¹⁹, XLY⁺¹⁸, GS13, JS13, KVMH08, LH13, ZAZ13]. **Reliability-Aware** [CET16]. **Reliability-Driven** [LHJ12]. **Reliable** [BJX15, GC18, JPCJ06, MACV14, WZL⁺²¹, XCF18, XNZ⁺¹⁵]. **relocation** [LLL13]. **Remote** [BSP⁺²², CRT19, KOO18, KC10]. **Removal** [MGR⁺¹⁵, CMNQ08]. **reorder** [WPHL08]. **Reordering** [WC10, GFC⁺⁰⁹, Hua01, PR96]. **Reorganizing** [JCK⁺¹⁸]. **Repair** [CJJK19, 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** [Pie16, SL18, Meh98, MB04]. **ReRAM** [HXZ⁺23, LJJ⁺22]. **ReRAM-based** [HXZ⁺23, LJJ⁺22]. **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** [KYL16]. **Resistant** [Kha12]. **Resistive** [EBR⁺09, LWZ⁺19, TLCF16, WFT⁺19, XNZ⁺15, LLQ⁺03, SKCM06]. **resolving** [Das09]. **Resource** [CET16, CS22, DK08, FS13, HC17, KK14, LZY⁺23, LF12, MBD⁺20, PBF⁺22, TCL14, WG11, WLH20, WGS16, BDB98, CFX09, HLKN07, Kuc03, LSDV10, MKK13, MJM11, NR01, WGD07, YWW10, ZHOM08, KMR18]. **Resource-aware** [FS13]. **Resource-Constrained** [PBF⁺22, WG11, WLH20, LSDV10, NR01, ZHOM08]. **Resources** [JNS⁺17, PGB01]. **Response** [CH17, PMS15, SSO16, DC07, SCJ01]. **Responses** [XCW12]. **Responsiveness** [SLC⁺22]. **Restore** [ZZCY17]. **results** [AYM05]. **Resynthesis** [WPR⁺19]. **Retargetable** [PHM00, AMR00, KKJ⁺08, VLGG01]. **Retargeting** [DZ18, WJYZ11]. **Retention** [CJKK19]. **reticle** [WLT08]. **Retiming** [BOC00, HMB98, HLHT08, SSP04, Zho08]. **Retiming-based** [BOC00]. **Retracing** [LLLL18]. **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, 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]. **RF-Interconnect** [HCZ⁺16]. **RF/Analog** [LYSO19]. **RFID** [DTC⁺09, YFT18, YBS⁺18]. **RFID-Enabled** [YFT18]. **rhythms** [GS13]. **rich** [SHBD21]. **right** [MR96]. **ring** [GK07, GK09]. **Ripple** [HWGY16]. **rISAs** [SBH⁺06]. **RISC** [HV98, YCL⁺23, ZBPF18]. **RISC-V** [YCL⁺23]. **risk** [DS05]. **river** [ZW98]. **RL** [NT05]. **RL-Huffman** [NT05]. **RLC** [MN17]. **Robust** [BJX15, CZZYW21, DZ18, GCZ⁺15, MCD12, PBWB21, STGR15, TLCF16, ZK15, CLYP09, ST99]. **Robustness** [BHLG19]. **Role** [CK19]. **rotary** [TDF⁺09]. **Routability** [AMM⁺18, HWGY16, SAHF⁺20, THL⁺13, ZSY18, CLYP09, HSA⁺04, SYZ08, WSV⁺14, YCHT00]. **Routability-Driven** [AMM⁺18, HWGY16, ZSY18]. **Routable** [LCYN18]. **Router** [PMT20, TCL14, XS16, CLYP09, JCGP05, MLC08, TDF⁺09, wATkK02]. **Routers** [JM14]. **Routing** [CLC20, GdRJM21, GKM05, JD18, LHJ12, LLLL18, LKC⁺18, MAS⁺20, MCZ⁺16, RGM15, RBWB20, TZ17, TZ20, WLLH16, XYG⁺16, Yan18, Yan19, Yan20, ZHC⁺21, 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]. **Row** [SAL19, LC13]. **row-based**

[LC13]. **Row-Buffer** [SAL19]. **RRAM** [LXWC20]. **RRAM-based** [LXWC20]. **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, RS98]. **Run** [DP02, HMLL11]. **Run-time** [DP02, 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].

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, RCD07, SGK08]. **SAT-based** [CLM⁺10, SGK08]. **Satisfiability** [BR12, GMSS02, OK20, PG15, GPK⁺09, HSA⁺04]. **satisfying** [QS09]. **saturation** [CCL03]. **saving** [HW00]. **Savings** [LKH19]. **Scalable** [AA17, KLK⁺17, LAYZ23, PJJ14, 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, KBA08]. **Scaled** [PHKW12]. **Scaling** [GC18, HC17, HHL14, LV14, WGS16, 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, JP08]. **Schedules** [GDD21, DSRV02, LC96]. **Scheduling** [ABC⁺17, BB17, BDBB19, CACS05, CIX15, DHX⁺23, ENP20, JOH17, KPB19, LHW97, MAS⁺20, OKJH22, PMS15, SSC17, SLC⁺22, SAL19, SZB17, WCB15, WZG16, WWCT18, WJG⁺19, XPX⁺21, CLM⁺10, CJLZ11, DS05, DHV⁺00, GBC07, HN07, JR97, KW02, Kuc03, LLHT03, MKBS05, MJM11, MHQ07, MR05, MWG97, NR01, PGGD23, RCG⁺08, SXX⁺06, TC98, WH05, WGDK07, YWW10, YGH⁺10, YYLL09]. **schematic** [KG09]. **Scheme** [BM11, CWL⁺22, HDB22, JDD20, KKL15, KKL17, 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** [NPH⁺20]. **Scrubbing** [SVK17]. **SDF** [OKJH22]. **SDF/L** [OKJH22]. **Search** [FZL⁺23, JYY⁺22, LPLK22, RFG20, VCLD03, ZFL22, CMB07, DVA02, YWW10]. **search-based** [DVA02]. **Search-space** [RFG20]. **Searching** [DK16, SYZ08]. **Secret** [LDX22]. **Section** [BMdG17, CCY22, CO18, KLSZ11, PFHAH22, YD16, CH10a, CLQ12, HJ08, JW08, KLSZ09, MD13, RBA⁺12]. **Secure** [BHK17, LSCK20, YCL⁺20, HBC⁺08, ISE08, HRK18]. **Security** [CM20, CPK20, GQW19, GLD⁺22, HMO⁺14, KAC⁺23, KSD⁺22, LHL16, LZSV15, LQD22, LMS16, MMM⁺22, MAS⁺20, MPM⁺17, NSCM17, RNR⁺21, SLP⁺19, TK18, WLM21, YSF⁺18, YBM⁺21, DP04, IAI⁺09]. **Security-Aware**

[KAC⁺23, LZZSV15, LMS16, MAS⁺20].
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** [Mut09, NRDB19, LCT03, WY06]. **selectively** [BD00]. **selectively-clocked** [BD00]. **Self** [CRT19, EO19, IYF⁺21, LW21, PIK20, SBB⁺18, SHL⁺19, WCB15, WZH⁺23, XYG⁺16, SEN05, SZV⁺12]. **Self-Aligned** [SHL⁺19, XYG⁺16]. **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, RM23]. **Sensing** [LSCK20, LTH99, WJY⁺07]. **Sensitive** [CHA⁺23, 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, 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]. **SEU** [JLF⁺12]. **SG** [KPB19]. **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, WGS16, BDB98, DK08, SHLL98]. **Sherlock** [GACK22]. **shield** [LXCH04]. **shielding** [Mut09]. **Shift** [HWDQ22, 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, DZS⁺18, LQD22, LM21, NPH⁺20, ZBPF18]. **Side-Channel** [DZS⁺18, LQD22, ZBPF18, LM21, NPH⁺20]. **Side-Channels** [BSP⁺22]. **sided** [Yan19]. **Sigma** [ZYW⁺18]. **Signal** [HRC21, LS22, MFHP12, STGR15, WGT⁺17, ZSY18, CPW04, LLC13, SR12, TYH08, XZC09]. **signal-integrity** [XZC09]. **Signals** [Yan16, MKW08]. **Significance** [LJJ⁺22, MHA19]. **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, 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, RM23, 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** [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, MOZ06, SBC08, TCL14, WLCJ09]. **SOC-based** [GDF09]. **SoCDAL** [AHL⁺08]. **SOCs** [MSD06, BM11, JHMGS18, JPHL16, ZM07]. **Soft** [CWL⁺22, DFM15, EKEK22, LD17, LW21, PHKW12, SWT23, TLCF16, QS09, RJBS09, ANS⁺20]. **Soft-Error** [LW21, TLCF16]. **Soft-Error-Rate** [LD17]. **Soft-HaT** [ANS⁺20]. **Software** [ANS⁺20, BM11, CBR⁺22, JHMGS18, JJH21, KMR18, LLP⁺16, LHF12, SYGC22, THT12, YYL⁺15, 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]. **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, WGDK07]. **Some** [KAKSP16]. **SOPs** [BCC08]. **Sorting** [ZMP16, Yan00]. **Source** [YKCG14, BCR⁺08, KRK98, ZYZ⁺13]. **source-level** [KRK98]. **Source-Synchronous** [YKCG14]. **Sources** [DHB16, CH96]. **Space** [AKAKP18, FLG⁺23, 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]. **Spatial** [GFC⁺09, RB19, Das09]. **Spatio** [SSC17]. **Spatio-Temporal** [SSC17]. **Special** [ADGSM22, BJX15, BMdG17, CCY22, CO18, HAW20, KLSZ11, LZR23, 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, Pie16, CMM00, DDNAV04, MB04, VKKR02]. **Spectral** [KOO18, ZF23, TN99]. **spectral-based** [TN99]. **Speculative** [NRDB19]. **Speed** [CK16, PTC⁺15, 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** [YCL⁺20]. **Splitting** [CZZYW21]. **SPMCloud** [BD14]. **Spread** [MJB19]. **SQLite** [LLP⁺16]. **SRAM** [CCC⁺09a, HHL14, JLF⁺12, NdLCR03, RM23, 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** [WDZG16]. **Stacked** [SYX12, THM15, LHZ⁺06]. **Stage** [LZ17, Shi20, KSA⁺10]. **Stage-form** [Shi20]. **stages** [SYL09]. **staircases** [MSKBD07]. **Stairway** [MHD⁺04]. **Standard** [ACF⁺11, DBK⁺18, KRL15, TRM⁺16, PR09, SCS10, TS96]. **Standard-Cell** [DBK⁺18, SCS10]. **standard-scan** [PR09]. **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, 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]. **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** [LS19, WXH⁺19]. **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, LC13, MLG12]. **Style** [CFD⁺16]. **Styles** [LCYN18]. **Sub** [BFL10]. **Sub-45nm** [BFL10]. **sub-threshold** [SHN12]. **subGraph** [YYC07]. **subnetworks** [TDF⁺09]. **Substrate**

[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]. **Supervised** [RNA⁺21]. **Supply** [BSP⁺19, BM11, 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]. **Surrogate-Based** [WFSS20]. **Survey** [BFG17a, BRCS18, GLD⁺22, HHH⁺21, KAC⁺23, LM19, Mit16, MRL⁺19, PTPB22, RJ14, SSK⁺23, 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** [MMM⁺22, CWW96, CZW⁺03, FLWW02, FLWC07, RFYL98, THL⁺13, ZHTC09]. **switchboxes** [DSKB04]. **switched** [CSC08, HWCL13]. **switched-capacitor** [HWCL13]. **Switching** [AVG19, GSS14, RM23, SRC15, BLR06, HCN09, PR11, SXX⁺06]. **switching-activity** [SXX⁺06]. **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, FCZ⁺23, GBR07, HS18, HRC21, HMVG13, HCZ⁺16, ISK21, JJH21, KK14, KKK12, KKS16, LS17, MWK21, NG06, OCK19, PDS12, PG15, PFHAH22, 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]. **SystemJ** [MSR09, SPT⁺17]. **Systems** [ALLE20, ADGSM22, BHK17, BLNK14, BJX15, BSP⁺22, BB17, BS14c, CLL⁺22, CHA⁺23, CH10a, CCH⁺15a, CHBK15, CXLL22, CYH19, DFM15, DHX⁺23, EAP17, GT21, HXZ⁺23, HK18, IGN18, JJH21, KLSZ09, KC10, KMR18, LL15, LWX⁺23, LHK⁺15, LZZSV15, LMA⁺16, LL19, LZA⁺21, MRL⁺19, NSH⁺16, ORGD⁺15, PPP⁺15, PSNC18, PG15, PBZM19, PY20, QBTM16, RFG20, RG19, RNA⁺21, SSC17, SPT⁺17, SBY⁺20, STWX12, SS14, SHBD21, SAL19, TB20, THT12, TL19, 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, JW08, KKMB02, KC13, KP13, KFH⁺08, LCZ⁺08, LCK⁺09, LSDV10, LDK99]. **systems** [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]. **Tailoring** [CSC08]. **Taming** [FHHT22]. **Tampering** [HYK⁺20, JZG21]. **Tandem** [MSR09]. **Tapered** [BSP⁺23, KKHK16]. **Target** [KGS⁺20, KYL16, PBWB21, PBF⁺22, Pom20, FS13]. **Targeted** [SNL12]. **Targeting** [LPD⁺17, LZY⁺23, PTPB22, JBC⁺10, MLMM08]. **Task** [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, 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** [BFL10, CHY05, DKT⁺16, DBK⁺18, GLD⁺22, HABS15, JZYZ15, 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** [JGM14, LHW⁺17, ZYP09, ADP⁺07, CLQ12, DH06, WJY⁺07]. **Temperature-aware** [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, 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, 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, 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, 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, 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 [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, SV16, SHN12].

Throughput [HCRK11, HIW15, KLJ14, MS23, SESN15, 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, NSH⁺¹⁶, 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, FHHR21, HMLL11, HLKN07, HMVG13, 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].

time-domain [LTPR⁺¹³].

Time-Multiplexed [LM19].

Time-Sensitive [CHA⁺²³].

Time-Triggered [BB17, IGN18, KPB19].

time/resource [WGDK07].

Times [PMS15].

Timing [CZW00, CB17, 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]. **TODAES** [CH10a, KLSZ09, BC08, GK09, QS11, TK18].

Toffoli [MDM07]. **Toggles** [TPC⁺¹⁷].

Tolerability [LW21]. **Tolerance** [GVJ15, JPM⁺¹⁹]. **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]. **Topology** [BDBB19, HCG⁺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** [KSD⁺²², MS23, PCC09, FHHG12, RJL⁺⁰⁹, WVYG99, WGDk07, XPSE12]. **Trade-off** [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** [RNA⁺²¹, RPR⁺²¹, KI01, KVMH08].

Transform [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, DC07, MRC06].

Transistor [CFD⁺¹⁶, HCW⁺¹⁶, PR96, RS03, WSH⁺¹⁸].

Transition [JOH17, MHQ07, 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, HGCL16, KK11, KKS16, LLLL18, LNG⁺¹⁶, LS17, OCK19, PSD21, WCCC14, ZFL22, CHH09, LLHT12, LYKW09, LLLC13, TDF⁺⁰⁹, wATkK02, Yan08, YYC09].

Tree-based [PSD21, YYC09]. **Trees** [CCH15b, EK16, GC96, WCC03, YYC09].

Trends [CH10b, HHL14]. **Triggered** [BB17, DY23, HS18, IGN18, KPB19, BDC08].

Triggering [EW18b, HW14]. **Triple** [LZ17, ZLY⁺¹⁵]. **Tristate** [CK16]. **Trojan** [ANS⁺²⁰, LM21, MRL⁺²⁰, YCL⁺²⁰].

Trojans [DY23, VTC20, XFJ⁺¹⁶].

Truncated [Pom22]. **Trust** [GSFT16].

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, LT11, SZV⁺¹², YCL⁺²³].

Turbine [WSRH16]. **Tutorial** [Edw03].

TVM [YCL⁺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, MACV14, SESN15, ZLG⁺19]. **Ultra-fast** [GBC07]. **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]. **Unclonable** [CSC⁺21, YBS⁺18]. **Uncore** [WGS16]. **Understanding** [HHL14]. **Undetectable** [Pom19b]. **Unicast** [XS16, XCF18]. **Unicast-Based** [XS16, XCF18]. **unified** [Kag05]. **Uniform** [HZZ⁺19, KCKG16]. **Unique** [SOS15]. **UNISIM** [LS11]. **UNISIM-Based** [LS11]. **Unison** [SGJ96]. **Unit** [BM11, HWCL15, ZXC⁺23, HWCL13]. **Unit-Capacitor** [HWCL15]. **Units** [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** [JLJ15]. **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, DNA⁺12, EW18a, EW18b, EK16, FZL⁺23, FWCL05, FHHR21, FYCT15, GFJ16, GBR07, GNGT21, GD20, GHYR19, HS18, JBJ22, JNS⁺17, JSS⁺19, KQP⁺19, LHS20, LLH⁺17, LFST21, LYHL14, LYSO19, LSCK20, LLK⁺14, LCC⁺15, LM21, MA16, NPH⁺20, PJJ14, PMT20, PG15, PR09, Pom15a, SMS22, SKS⁺18, TB20, TYSF20, THM15, TMDF10, TCL14, WKL⁺18, WXH⁺19, WSS⁺18, 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, MP07, MLC08, MVK⁺18, NRZ⁺18, PRCK08, PKP⁺03, PMB10, PHM00, RJL⁺09, RCD07, SGK08, SABSA15]. **using** [SFM⁺19, STL⁺13, SYH⁺22, SBH⁺06, SCJ01, TLCF16, TWL16, TN99, TD03, TYH08, Vah02, WVYG99, WJYZ11, WCC03, XLCL13, XK97, YTHC97, YYC07, ZHOM08]. **UST** [wATkK02]. **UST/DME** [wATkK02]. **Utilisation** [NAK20]. **utility** [BCR⁺08]. **Utilization** [KKLG15, KMR18, MT15, GM03, SBC08, SY07]. **Utilizing** [BLNK14, CK16, EBR⁺09, LQD22]. **UTPlaceF** [LLL⁺18].

V [MLMM08, YCL⁺23]. **Validation** [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, FYCT15, HXZ⁺23, LSZ⁺21, RGM09, SCK⁺23, WCCC14, WDL17, WSH⁺18, GM08, KTKO13, MJM11, PPDK09]. **Variation-Aware** [FYCT15, SCK⁺23, WSH⁺18, LSZ⁺21, RGM09, MJM11, PPDK09]. **Variations** [GC18, 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, 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, BZWZ17, CRT19, CSO22, CCC09b, FHL⁺23, 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]. **vias** [YHH09]. **Victim** [NAK20, SSS⁺19]. **Video** [MDR15, SJL23, ZLG⁺19, CCC⁺09a, ZHOM08]. **Videos** [LWX⁺23]. **viewpoint** [LKTD98]. **violations** [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** [DPNB02, DK22, DD02, GMN⁺13, GOC02, HLG⁺15, JT98, LM96, MSKBD07, MKW09, OS03, RS03, STWX12, SB98, SSCS10]. **VLSI-CAD** [SB98]. **Volatile** [AKM⁺22, HSP⁺22, WDL17, LSL⁺13]. **Voltage** [CS22, DHVW18, DS05, GNGT21, JPHL16, JLK15, KLE18, LCY12, MACV14, SV16, SCK⁺23, WCCC14, WGS16, ZLL13, GM08, GBC07, KSA⁺10, LHW97, LLHT12, MHQ07, ML09, Rak09, SHN12, WWG08, WLCJ09]. **Voltage-Based** [GNGT21]. **Voltage-Frequency** [JPHL16, GM08]. **voltage/frequency** [ML09]. **voltages** [JR97, MR05]. **Volume** [Pom16c, RMKP03]. **Volumes** [PAV17]. **VOR** [SJL23]. **vs** [KG09, PDN00]. **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]. **Warp** [LSV06]. **Warping** [SV11]. **Washing** [MGR⁺15]. **Waste** [PBWB21]. **watt** [RAKK12]. **waveform** [MCMW08]. **Wavelet** [AHAKP08, GFC⁺09]. **Wavelet-based** [AHAKP08]. **WaveSync** [YKCG14]. **WCET** [APS18]. **WCRT** [CYH19]. **Wear** [CCH⁺15a, CHC⁺16, Kha12, CD09]. **Wear-Leveling** [CCH⁺15a, CD09]. **Wearable** [FG18, RG19, RNA⁺21]. **Wearables** [GFJ16]. **WEB** [MS08]. **Weights** [HWDQ22]. **while** [QS09]. **Wide** [WTR12]. **width** [LYCP13, SBH⁺06]. **Wind** [WSRH16]. **Wire** [CZW19, CLC20, LLM⁺23, Yan20, CW01, HR06, MKW09, WC06]. **wirelength** [LLLC13, SYZ08]. **Wireless** [CBO⁺18, GADG19, NSS⁺16, PDS12, DHZ⁺11, JSG09, RFB10]. **wiresizing** [CH96]. **within** [SCK18, SAHF⁺20]. **Without** [MS17, FHHR21, KKL15, PTPB22, PR07].

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