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Title word cross-reference

1 [AGM01]. 2 [FZH+25, FWCL05, GH00, RL13, ZPLI23]. 2.5 [WCB15, WWCT18]. 3 [ADDM+13, AJK+21, CLT+15, CBR+22, CXR+23, CWL+22, DLC+17, DLK24, DHZL23, JGM14, KK11, KKHK16, KLE18, LLKC13, LDD+18, LDD+19, LHZ+06, LHC16, LW17, LS19, LCL+24, LS17, MAL23, OS03, OCK19, PSP24, PRKK21, PKC+21, SKP21, SYX12, THM15, TMDF10, TTL+24, VILSL23, WYC10, WTW+23, XGC+20, YHH09, ZYS12, ZPLI23]. 4 [JCGP05]. ^{2} [BXG+24, SJL23]. ^{3} [ZGB+24]. $_{dd}$ [MLMM08]. **DDX** [SW04]. F**max** [PMB10]. g^m [LZ21]. GF(2^m) [RMPJ08]. H [CLT+15]. I^D [LZ21]. k [CLH12, SSN22]. k/m [CHY05]. μ [DHZ+11]. N [Pom16b, CLH12, Pom17a]. $o(\mathbf{min}(m, n))$ [LM05]. t/t [CH13]. V_t [KOS09].

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

/Nano [Kha23].

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

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

HHK+17, HC17, HXB+22, HCW+16, HBBD25, KR24, KPF16, KW16, KAC+23, KPB19, LHW+17, LLL+18, LHK+15, LZZSV15, LNG+16, LMS16, MT15, OT15, PZY+25, PBZM19, RS18, RCK+15, SBY+20, SKP21, SCK+23, SWT24, SYX12, TBCH17, WSH+18, WDD+23, WLLH16, Yan20, YYG+16, ZZW+25, ZYPC17, AVA24, ADP+07, CHH09, CGV+23, CLQ12, DHX+23, DD02, ETR07, ENP20, FS13, GM08, GKM05, HL25, HJY23, JHL02, JDD20, JP12, JCS+08, KPSW09, KJKK03, LC14, LKLC22, LWX+23, LSZ+21, LZ24b, LZ21, LG23, MAS+20, MBD+20, MJM11, MHQ07, MKW08, NWA+24, OCK19, PSD21, PPDK09, PGGD23, RGM09, SSG12, SBC08, SRKS23, SMYH07, SKS12, SNL12, SWT23, TZ20, VGG19, WH05, WPHL08, WLL+11, YB23, YXG+24, YYLL09, ZYDP08, ZYP09, SGJN24]. **awareness** [RL13]. **Ax** [EJR22]. **Ax-BxP** [EJR22].

B* [WCC03]. **B*-trees** [WCC03]. **Back** [ZLYZ25, CCK+18, GABP00]. **back-end** [GABP00]. **Back-Propagation-Free** [ZLYZ25]. **Backward** [BS14b]. **Balanced** [ZCK24, LLHT12]. **Balancing** [JIR+21, MT15]. **Band** [WTR12]. **Bandwidth** [KLK+17, BD08, GM03, LLKC13]. **bank** [CPW04, Kan06, SM00, Wu09]. **banked** [OK08]. **Base** [BSP+19]. **Based** [APDC17, ALLE20, ANS+20, ASAP17, AVG19, AKM+22, AJK+21, AAA15, Ase23, BHK17, BS14a, BD14, BHY+24, CPS16, CCH+15a, CAOM19, CLT+15, CZZYW21, CXLL22, CYLC24, DLC+17, ETAV18, EO19, EGK+24, GNGT21, GDTF17, GHYR19, HCL+14, HWX+14, HLG+15, HC23, JHMGS18, JZL+25, JPHL16, JM14, JS25, KGS+20, KC10, KLK+17, KLIK24, KMO+12, LZZ23, LLH+17, LG18, LDLM20, LAYZ23, LZY+23, LWLH24, LSZ+24, LCZ+25, LS11, LHK+15, LLLL18, LLL+25c, LH11, LPY+20, LQD22, LGGJ14, LCC+15, LKC+18, LPL+21, MNMK+21, MCZ+16, MA16, MS23, MXO+25, MCD12, NSP+20, PIK20, PBH+24, PSNC18, PG15, Pom17a, Pom18b, Pom20, PY20, QBTM16, QZZW24, RM23b, RS18, SV16, SWM24, SMBT19, ACES25, SWT24, STGR15, TZ17, VEO16, WLZ+19, WCB15, WQC+16, WWCT18, WFSS20, WSY23, WC10, WL12, WLW+24b, XS16, XCF18, YCZ+25, YMB15, ZS16, ZHC+18, ZJH+25, AHAKP08, APSMMD25]. **based** [AM10, ADDM+13, BLM00, BRF24, BPRR98, BC11, BXG+24, BBD00, BOC00, BH10, BZ08, CLM+10, CNQ13, CGN96, CZW00, CFHM09, CBR+22, CH02, CBR+05, CD96, CHY05, CFX09, CM13, CCL04, DP02, DCK09, DRK+25, DJP21, DDNAV04, DVA02, EMO03, EY12, FLG+23, FS13, GK14, GG99, GPH+09, GD20, GBC07, GDF09, GPK+09, GH00, HWDQ22, HDZ+20, HWF+23, HZL+22, HYK+20, HZJC23, HCK13, HWCL13, HFMB20, HXZ+23, HTC+23, IIEKS23, IYF+21, JZG21, JJH21, JSF+25, JLF+12, KBN09, KZKAKP23, KK11, KLP+24, KSD+22, KNRK06, KSA+10, LC13, LB00, LKM04, LWC07, LCC11, LWZ+19, LJJ+22, LJZ+24, LHC24, LLL+25b, LDK99, LZ21, LCHT02, LWG+23, LOC12, LWK11, LLLC13, LXWC20, LYM+20, LG23, MMX+25, MMM+22, MP07, MS21, MLC08, NAK20, NK24, OJC+24, OM08, OHA19, OKC08, OK08, PSD21, PDN00, PRCK08, PMB10, PR09, Pom14b]. **based** [RL13, RS98, SW04, SGK08, SWT23, SOC06, SC06, TFW24, TN99, TBZ13, TC24, VGG19, VILSL23, VKT02, WPR+19, WH20, WYZ+25, WTW+23, WWC04, WC06, WPL23, WSEA99, XAG+20, XLP+25, XHF+25, Yan00, Yan08, YLY+23, YYC09, ZHM07, ZZ24, ZGB+24, ZS25, ZSL+25, ZHJ+23, AA17, PBZM19, ZCK24, CCQ98, CH00, MW97, MHT14, MWG97, PBSV+06]. **Basic** [AG22, VMP+00]. **Basis** [SA24a].

YFT17, YSF+18, YFT18, YBS+18, GKM05, RMKP03, TYH08, WPHL08]. **chained** [KC13]. **Chains** [Pom16b]. **Challenges** [BRCS18, MRL+19, XLNB17, Ped11, RBA+12]. **Change** [JSA18, LLP+16]. **changes** [LG12]. **Changing** [MMM+22]. **Channel** [BDBB19, CGLH23, CHG+24, DRK+25, DZS+18, JM14, KD24, LSZ+24, LQD22, PPP+15, WFW+25, ZBPF18, CYZL23, FLWC07, HSA+04, LLKY13, LZ24b, LM21, NPH+20, Yan00, YCHT00]. **Channel-based** [DRK+25]. **Channels** [BSP+22, GNGT21, JLJ15, DSKB04]. **Chaotic** [CSC+21]. **Characteristics** [CFD+16, DHZL23, JLF+12]. **Characterization** [FACA25, KRL15, MMM+22, SRC15, BW00, JCS+08]. **Charge** [VA17b]. **Chassis** [APD+11]. **ChatDSE** [TCW+25]. **check** [CL13, YCHT00]. **checker** [BZ08]. **checkerboard** [GC96]. **Checkers** [SWM24]. **Checking** [AA17, DFC+25, FOM+25, KW16, XHY+25, ZZL+23, AGM01, BK10, CNQ13, Fuj05, HMB98, KMS12, YWGI09, ZJL25]. **Chemical** [LTW+16, BTP+20]. **Chief** [Ano13, Hu20]. **Chip** [ADB+19, ALL17, BHK17, BD14, BDBB19, CK19, CM20, FHL+23, GADG19, GSD+18, HAB+17, HZS+19, IHM15, JLJ15, JNS+17, JZYZ15, JGM14, KBV+15, LDD+18, LDD+19, LW17, LCL+24, LTC25, PMT20, PGCB16, SCK18, SMBT19, STWX12, SGGR14, WLT08, XS16, XCF18, Yan16, YKCG14, ZHC+21, ZYS12, ZYPC17, AYM05, APB+08, ADS+09, BMJ13, Cha01, CKAP07, CSC08, CXK+13, CBR+05, CCL04, DNT20, HDL+12, JP12, KP13, KYN+12, LCOM07, LLKY13, LLKC13, LH13, LC13, MD13, NR03, OM08, PLH+24, PDN00, PPDK09, PTC05, Pom24a, TDE08, WM24, WDC+22, WDLX21, Yan11, YLP+13, ZSZ10, ZMTC13, ZM07, WLL+11, AHL+08]. **Chip-Multiprocessors** [HAB+17]. **chip-package** [LC13]. **Chip-to-Chip** [GADG19]. **Chipless** [YBS+18]. **Chiplet** [SDD+25, WFW+25]. **Chips** [CCY22, HCZ+16, LZ24a, LWX+23, RDJ25, SOS15, GNQ+22, HGBH09, VS12a]. **Chisel** [FMR23]. **choice** [SBGD13]. **choose** [DNA+12]. **CHSM** [CUA+24]. **CIM** [MMX+25]. **Cipher** [ZHL+25]. **ciphers** [JM24, LWK11]. **circadian** [GS13]. **Circuit** [ADB+19, AVA24, BBEM15, BZWZ17, BFL10, CM18, CM19, CZZYW21, CY24, FZL+23, FXH+25, GBR07, GDTF17, GPS+24, HS18, HRC21, HHX+23, HS19, JK10, LYSO19, LH11, LQD22, RJBS09, SS24, SA24b, SMYH07, Shi20, SCK+23, TWL16, WSH+18, WKC12, ZGB+24, ZS25, ZFL22, ZCS+24, ADM+13, AJM13, BDB98, CSC08, CBMM10, CSX+05, DL11, GMSSS02, HRP00, LLQ+03, OW06, RCD07, SPMS02, YH97, YMC+13]. **Circuit-Averaging** [TWL16]. **Circuit-simulated** [SMYH07]. **circuit-switched** [CSC08]. **Circuits** [APPJD25, BJX15, CGS+24, CHF25, FOM+25, GPS+24, HDB22, HWL+23a, HZL+22, JZG21, KKS16, LD17, LSZ+21, LS22, LLM+23, LZ21, NL24, PB12, Pom16b, RGM15, SA24a, SHD17, SCK+23, TC24, WTR12, WLW+24b, WCX+24, XAG+20, ZSY18, ZHJ+23, ZJH+25, BLM00, BLR06, BC05, BASB01, CSKR05, CLLK06, CACS05, Che96, CPR+02, DC07, DD02, EMO03, HVF+01, HH09, HWCL13, KJKK03, KOS09, KVMH08, LH09, LON08, LFG+09, LTPR+13, NS03, PL98, PSK08, PR98, PR09, RTNL05, SNH02, ST99, WV02, ZCG06, SSCS10]. **Clamp** [VEO16]. **class** [SB98]. **Classification** [GAT+21, MS17, VNS19, RAKK12]. **Classifiers** [ALL17]. **cleaning** [JS13]. **client** [dW97]. **client-server** [dW97]. **Clip** [HWF+23, GH00]. **Clock** [DRK+25, EK16, HN07, HYN15, KK14, KK11, KKS16, LLL+18, LNG+16, LT11, LS17, OCK19, TCW20, UE22, WCCC14,

SYGC22, SHN12, SESN15, SYX12]. **Design** [STGR15, SCL+22, SCY25, TYSF20, TCW+25, TCL14, VGG19, VILSL23, VA17a, VEO16, WWCT18, WPR+19, WS22, WDC+22, WSS+18, WPL23, WLY+24, XPX+21, XLS15, XNZ+15, XZW+25, YPCF17, YZS+25, YD16, ZLG+19, ZGB+23, ZYS12, ZHL+25, ZZL+23, ACT13, AHL+08, APB+08, AMM+06, ADP+07, BC05, BW00, BFP08, BASB01, CWW96, CIB01, CSL+07, CBR+22, DRG98, DTC+09, EK97, FLWW02, FLWC07, FW00, FRS97, GPH+09, GM03, GABP00, HV07, HA05, HJ08, HLCH07, JB98, JP08, KSS+09, KG99, KCA04, LC13, LSL+13, LLL+25a, LFG+09, LCL08, MOZ06, MBB01, MP07, MLG12, OCRS07, PB14, Ped96, Ped06, PBSV+06, PW99, RFYL98, RS98, SW12, SGD10, SYL09, SSCS10, SUC01, SS11, SZV+12, TW96, THL+13, VAAH+98, Voe01, WAZ98, WKR09, ZHM07, ZHC+23]. **Design-for-manufacturability** [WPR+19]. **Design-for-Testability** [Pom16a, Pom18a, Pom25b, Pom14a]. **design-specific** [ACT13]. **Designed** [KMO+12, SPT+17, MMX+25]. **Designer** [SS11]. **Designing** [BLNK14, DZS+18, HBC+08]. **Designs** [EK16, FM24, GD20, HLL+24, LZY+23, LLL+25c, LTZ22, MACV14, PHKW12, WJM24, WWW+12, WCX+24, YVC14, Yan16, Yan17, ZK15, CH00, GM08, GOC02, HMB98, KI01, KK11, KHW06, LHW97, LCHT02, LLHT12, LAS01, LCKT12, MS00, MR96, RMKP03, Sen11, SSCS10, SNL12, WTL+13, Yan11, ZMTC13]. **Destination** [RL13]. **Destination-based** [RL13]. **Detailed** [CJKS24, FM24, GdRJM21, HWL+23a, MJB19, CBHK11, PWY05]. **Detecting** [DY23, DZ24, JZL+25]. **Detection** [BRF24, CBO+18, GRC25, HDZ+20, JYY+22, JSF+25, KOO18, LZ24b, LXWC20, LYM+20, LL19, LM21, PTPB22, Pom16b, Pom17a, VTC20, WH20, YFT17, ZHC+18, ZS25, ZZM+25, CR12, DHZ+11, FNP09, KI01, KRK98, KSA+10, LM05, PR07, RM09, SCCH08, TDE08]. **Detector** [WYZ+25]. **Determined** [Pom18a]. **Deterministic** [EY12, KBV+15, LB11, ZHC+21, KT01]. **Deterministic-Path** [ZHC+21]. **detour** [YW09]. **Detours** [Yan19]. **Developing** [LLZ+25, SMSB05]. **Development** [THT12]. **developments** [Lin97]. **Device** [BXG+24, GHYR19, HXZ+23, ZXC+23, ZZW+25, TZZH22]. **Device-Based** [GHYR19]. **Devices** [CLL+22, GAT+21, HSP+22, HBBD25, KP22, Kha12, LPLK22, LKH19, LY24, PGGD23, PGD24, PTPB22, QLX+25, SVK17, XPX+21, YB23, JCS+08, ZYZ+13]. **DFT** [DDFR13, PTC+15]. **Diagnosability** [CLH12, CCH15b, CH13, HWL+23b, LH14]. **Diagnosing** [BDBB19]. **Diagnosis** [HFMB20, Pom17b, PA21, SBB+18, WH19, WH20, XGWL24, CML98, KI01, TYH08, WBXJ25]. **Diagnostic** [HVF+01, HFMB20, Pom25a]. **diagonal** [DSKB04]. **Diagram** [HZL+22]. **Diagrams** [CM19, KC98]. **dictionaries** [LCT03]. **dictionary** [HH09]. **Diet** [LS23]. **difference** [Das09]. **Differentiable** [UMS25, Con06]. **Differential** [DMR23, DMR24, DXM+25, HZJC23, JD18, LLP+16, DDFR13]. **differentiated** [WHXZ13]. **Digital** [CM18, DZCD15, GLD+22, JYHY21, LHC16, LWLH24, LCZ+24, LKC+18, MFHP12, MGR+15, MWK21, PGCB16, PBF+22, RTJE25, RB19, RCK+15, RB21, SKS+18, SOS15, VBP+19, CPW04, RS03, SR12, SOC06]. **Digitally** [ZK15]. **Dilution** [GHYR19, KGS+20]. **Dimension** [BC11, WPL23]. **Dimension-reducible** [BC11]. **Dimensional** [DCS+24, RGM15, SYH+22, KQP+19, Pom24b, WXH+19, YYC07, YYC09, ZJH+25]. **Directed** [CHK+23, IE12, LFJ25, QM12, WLM21, CM13, HLCH07, HG07, LKTD98, MD08].

[FW00]. **Function** [BHY+24, CSC+21, LYL+23, LLQD23, BCC+25]. **Functional** [CVMP19, DCK07, FMR23, FRS97, PR98, Pom15b, Pom15c, Pom16a, Pom16c, Pom18a, Pom18b, Pom19a, Pom21a, Pom24b, VLH98, WSEA99, XLY+18, CMB07, CK96, EWT23, LOC12, MT02, Pom13, Pom14b, Vah99, AG22]. **Functionality** [BFV15, MZS24, HLCH07]. **functionality-directed** [HLCH07]. **Functions** [Ase23, ZHL+25, BC11, CCQ98, TW96]. **Fundamental** [SBY+20, XLNB17, Voe01]. **FUNI** [LIA00]. **Future** [HAB+17, Kha23, KBV+15, ZZCY17]. **FuzzRoute** [RGM15]. **FV** [APPJD25]. **FV-LIDAC** [APPJD25].

Galois [JDLZ24]. **GALS** [SS11]. **GALS-Designer** [SS11]. **game** [HR06, RJL+09]. **game-theoretic** [HR06]. **GAN** [LRHL24]. **GAN-Place** [LRHL24]. **GANDSE** [FLG+23]. **Garbage** [GSD+18, HCL+14, ZLW+15]. **Gate** [CM19, CGH+25, CDB11, CHF25, Che96, CHK+23, HDB22, HMO+14, KKS16, LGGJ14, PPC+25a, Pom25c, SV16, SRC15, VTC20, CCW08, CH02, CD96, CH00, HH09, LG12, LLYW10, PWY05, RGM09, SC00, WY06]. **Gate-Exhaustive** [Pom25c]. **Gate-Level** [CGH+25, CDB11, HMO+14, VTC20, CM19, Che96]. **gated** [CM08]. **Gates** [DRK+25, WSS+18, XHF+25, KOS09]. **Gateway** [HXC+18, YWF+24, JSG09]. **Gating** [CMP10, CLMZ10, KKHK16, WKC12, XLS15, BDM+99, ETR07, HTCP13, KBN09, SSCS10, YHL07]. **Gaussian** [ZYW+18]. **GBDD** [YTHC97]. **gem5** [LZ24a]. **gem5-NVDLA** [LZ24a]. **GEMM** [CSO22, WML+24]. **General** [CH02, HWF+23, LSZ+24, wATkK02]. **Generalization** [CGS+24]. **Generalized** [GMS+23, Pom15c, DS06]. **Generated** [CCH15b]. **Generating** [MFS09, MN17, PKJK20, KT01]. **Generation** [BKW15, BFV15, CY24, CYV+14, GMS+23, IE12, Kha23, LCY12, LV14, LCYN18, MFHP12, MCD12, NPH+20, PCT+17, Pom17a, Pom17b, Pom18b, Pom24a, Pom25a, Pom25c, SHD17, Shi20, STJG16, SOS15, TAP+24, VFML23, WLM21, WWW+12, XGL+25, YLZ+17, YD16, ZZL+23, AM98, CK96, Che96, CL99a, CCW08, GF06, HRP00, KKMB02, KJR+07, KNDK96, KH10, LTH99, LP03, LKTD98, MMP00, MSD06, MD08, PFHAH22, PR98, PR07, Pom13, QM12, SR12, SNL12, SM00, TBZ13, VMP+00, dW97]. **Generative** [FLG+23, LRHL24]. **generator** [BCR+08, WWC04]. **Generic** [SA24b, FLWW02, FLWC07]. **Genetic** [MA16, ZJH+25]. **Genetic-Algorithm-Based** [MA16]. **Geometric** [CM18, HWF+23, WJYZ11]. **geometry** [JCGP05]. **GIFT** [JM24]. **Global** [AOC02, BM11, CJKS24, DHNR23, FZH+25, GD22, RGM15, WSH+18, ZPLI23, CLYP09, DHV+00, GAS+24, SPA+03, ZHTC09]. **Global/Local** [BM11]. **Globally** [PMS15]. **Gmax** [BP23]. **GMDF** [FIR+97]. **Gmin** [BP23]. **Gmin-Gmax** [BP23]. **GNN** [LNPL23, VILSL23]. **GNN-based** [VILSL23]. **Good** [GdRJM21, GMN+13, YWK+03]. **GP** [APS18]. **GPGPU** [SBR+17]. **GPGPUs** [HIW15, TLCF16]. **GPlace3.0** [AMM+18]. **GPT4.0** [TCW+25]. **GPU** [CDB11, CBR+22, HCRK11, LLK+14, LH11, MMR+25, NHS23, SSN22, TYSF20]. **GPU-Based** [LH11]. **GPUs** [GRS25, BYT22, DFC+25, SABSA15, SQL+24, TY19, WKL+18, ZWD11]. **Gradient** [PPC+25a, SV16, GBC07]. **gradient-based** [GBC07]. **grading** [PT06]. **Grain** [LG18]. **Grained** [BYT22, RCW22, KLSP11, LZ24b, LPY+20]. **Grammar** [JHMGS18]. **Granularity**

TYSF20, VTC20, WDLD17, WCZ+24, WJM24, AYM05, BdM00, BD00, CM19, CCYC14, CIB01, CXK+13, Che96, GM08, GG99, GS00, GGDN04, HJ08, HLL+24, JD00, JR97, JP08, JT98, KI01, KRK98, KW02, LC14, LLQ+03, LTPT10, Lin97, MW97, MOZ06, MKBS05, MT02, MJM11, MLMM08, NSP+20, OCRS07, PB14, PPDK09, PTC05, Ped06, PFHAH22, PBSV+06, RFYL98, RFG20, SW12, Sen11, SEN05, TC98, TJ99, Vah99, VAAH+98, VKKR02, VS12b, VBP+19, WTL+13, WS22, XK97, YZS+25, YWW10, ZHM07, ZLL13].
Leveling [CCH+15a, CHC+16, Kha12, CD09].
levelized [KPR06]. **Levels** [BFL10].
Leveraging [CS22, DSHD23, SQL+24].
LFSR [KJT04, Pom17a, Pom18b].
LFSR-Based [Pom17a, Pom18b]. **Libraries** [ACF+11]. **Library** [APPJD25, KRH18, KKS16, MCZ+16, BD97, DDNAV04, JD00].
Library-Based [MCZ+16, DDNAV04].
LIDAC [APPJD25]. **lifecycle** [HDL+12].
Lifetime [AAA15, DLC+17, NK24, SJN24, WDLD17, MHT14]. **Lightning** [SQL+24].
Lightweight [ENH+25, MPM+17, NSCM17, JM24, MMM+22]. **like** [PRKK21].
limitations [Voe01]. **limited** [LLKC13].
line [SNH02, ACES25, ZYZ+13]. **Linear** [ACFM12, CGV+23, ETAV18, MFHP12, PPC25b, TZ17, DSRV02, KC98, LWK11, ST99]. **Linking** [HRC21]. **Links** [KQP+19].
list [HCS01, MHD+04].
list-approximation [HCS01]. **lists** [HVF+01]. **LithoExp** [JSF+25].
Lithographic [JSF+25, LYM+20].
Lithography [HDZ+20, LZ17, ZLY+15].
liveness [MS08]. **LLC** [PBZM19, SJ23].
LLCs [PBL+17]. **LLM** [ZZW+25]. **LLMs** [QLX+25]. **LLR** [CWL+22]. **Load** [CLC20, LLHT12, Pom19a, ZCK24, Pom14b].
Load-balanced [LLHT12]. **Local** [BM11, KC13]. **Locality** [LDLM20, MT15, TYSF20, ZFLS11, GFC+09, Kan06].
Locality-Aware [MT15]. **Locality-Driven** [ZFLS11]. **Localization** [HDB22, JSF+25, YYL+15, HL25].
localized [CMNQ08]. **Locally** [PMS15, KC13]. **Locked** [IYF+21, JZG21].
Locking [BTP+20, Mit16]. **Lockout** [ISK21]. **Logic** [ALLE20, AYS20, BFL10, CBMM10, Che18, CZW19, CXS+23, ETAV18, EKS+14, HS18, HIW15, JZG21, JZL+25, KKH+02, KMO+12, LWZ+19, LSZ+21, LWC18, MZS24, PZY+25, PA21, Pom25b, QZZW24, RTJE25, SLP+19, WB16, WCZ+24, WKC12, WLW+24b, XHF+25, ZHJ+23, ZWD11, ARLJH06, BLM00, BDM+99, BOC00, CSKR05, CD96, GGBZ02, KJKK03, KMC97, KVMH08, LWH06, MW97, RJBS09, TW96, TN99, TJ99, VKT02, WVYG99, ZS02, RTJE25, PRCK08].
Logic-Based [ETAV18]. **Logical** [SJ23].
logics [BD05]. **long** [SSP04]. **long-path** [SSP04]. **Longevity** [KBV+15]. **Look** [KSD+22]. **Look-up-table-based** [KSD+22]. **Lookahead** [PMT20]. **lookup** [CH02, WSEA99]. **Loop** [AA17, EO19, GDD21, LDLM20, SXX+06, HKV+07, PCC09, XPSE12].
Loop-dominated [LDLM20]. **Loops** [IYF+21, BG01, CL99a, KNDK96, SHLL98].
Lose [KBV+15]. **Loss** [WSRH16, KC13].
Losses [ZMS+19]. **Low** [ACF+11, AYS20, ALL17, BPTB17, CH10b, CM08, CHHL96, CLMZ10, DMR23, DSM25, GBR07, GAT+21, GRC25, HWDQ22, HLKN07, HTCP13, HBBD25, JDLZ24, KP22, Kha23, KLP+24, LTYW12, LS23, LSL+13, LSZ+24, LCZ+25, LQD22, LS17, MED23, MKK13, MACV14, PMT20, PMB10, Pom14b, RFB10, RM23a, SMS22, SYH+22, SCK+23, SP24, SESN15, TWL16, TMDF10, WGT+17, WPR+19, YKCG14, ZK15, ZHL+25, BD00, BPRR98, CH10a, CCX06, DS06, GOC02, HLCH07, HCK13, JWL+03, KBN09, KKH+02, KJR+07, KHW06, KYN+12, LLHT03, LYCP13, LHW97, ML09, RTNL05,

[LPD+17]. **matrices** [KVMH08]. **Matrix** [CLT+15, CZZYW21, LCJ+22, LXWC20, LKC+18]. **Matrix-Based** [LKC+18]. **Maximization** [LM21]. **Maximize** [CS22]. **Maximizing** [BH22, HHK+17]. **MaxSense** [LM21]. **Maze** [LLLL18, JCGP05]. **MCC** [YYG+16]. **MCEmu** [THT12]. **MCM** [EK97]. **MCMCF** [GDTY24]. **MCMCF-Router** [GDTY24]. **MCMM** [EK16]. **McPAT** [LLK+14]. **MCTS** [DXM+25]. **MCUs** [MRB+11, ZLYZ25]. **MDE** [ORGD+15]. **mean** [Das04]. **Measurement** [APDC17, CRT19, JB98, XAG+20, LG12]. **Measurement-Based** [APDC17]. **Measurements** [LFST21, LYSO19]. **Measuring** [CHA+23, WAZ98]. **MEC** [LJZ+24]. **Mechanical** [BHLG19, LTW+16]. **Mechanism** [QSW+15, SVK17, WQC+16, ZLW+15, ZK15, Wu09]. **Mechanisms** [CBO+18, PTPB22, GBK07]. **MEDA** [KR23, LSCK20, PBWB21]. **Media** [SLV+22]. **Medium** [MED23]. **MEDUSA** [ZPLI23]. **MeF** [AKM+22]. **MeF-RAM** [AKM+22]. **memetic** [LFG+09]. **Memories** [AAA15, DFM15, DHZL23, JSA18, LS23, LSZ+24, NK24, SKP21, JD00, MRB+11, NR03, OK08, RMB10, SPG+08]. **Memory** [AKM+22, BLNK14, BD14, CPS16, CGH+25, CCK+18, CIX15, CLX+23, DMR24, DFM15, DHX+23, HJY23, HTC+25, JCK+18, JPM+19, KLSP11, KKLG15, LHS20, LDP+22, LZZ23, LLP+16, LCJ+22, LWZ+19, LPL+21, MWS+20, MS23, MCdS25, NAK20, NM23, OJC+24, PDN97, PPP+15, PRKK21, PBZM19, RTJE25, RPR+21, SHBD21, SSL17, TLCF16, TRM+16, TMDF10, VFML23, WQC+16, WDZG16, WFT+19, WDD+23, WGSH16, WZL+21, XNZ+15, ZXC+23, ZLW+15, ZZCY17, ZLYZ25, AMM+06, BD08, BHDS09, BGN+07, CPW04, CJLZ11, HHX+23, HKV+07, IBMD07, JCS+08, Kan06, KG09, LSPC14, MB04, NdLCR03, OKC08, PDN00, PCD+01, SUC01, SM00, WH05, Wu09, ZYZ+13, ZP08]. **Memory-aware** [DHX+23]. **Memory-Based** [BD14, CPS16, LWZ+19]. **Memory-Centric** [HTC+25]. **memory-constrained** [OKC08]. **Memory-driven** [NM23]. **Memory-Efficient** [CGH+25, ZLYZ25]. **Memory-Throughput** [MS23]. **Memristive** [BXG+24, KZKAKP23, WSY23, XGC+20]. **Memristive-based** [KZKAKP23]. **Memristor** [LS22]. **MEMS** [BHLG19, Kha12]. **MEMS-IC** [BHLG19]. **Merging** [ASAP17, CZW19, TCL14, LLLC13, MB04]. **Mesh** [CHA+23, JM14, KK14, GHW+12, RL13]. **MESO** [ZXC+23]. **Message** [Hu20, KPB19, DSH12, EY12]. **message-passing-based** [EY12]. **MESSI** [APSMMD25]. **metamodeling** [MPSJ07]. **Metastability** [PBH+24]. **Method** [AKAKP18, BZWZ17, CZZYW21, JSS+19, KO23, LCL+24, LLL+24, LCC+15, MNMK+21, RGM15, SYH+22, SRC15, STGR15, WTR12, WMT+16, WZL+21, YLZ+17, ZYW+18, ZPLI23, ZCS+24, ZJH+25, CGN96, CL99b, HW00, Kag05, LH13, LDK99]. **Methodologies** [PLH+24, BW00, CEB06, MD13, SSCS10]. **Methodology** [BFV15, DK22, EKEK22, EAP17, GMS+23, HXB+22, KKLP15, KJR+07, KMO+12, LW17, LSZ+21, LZ21, LZZSV15, LLLL18, NSP+20, SWT23, SWT24, VA17a, VEO16, VBP+19, WCZ+24, XPX+21, AMM+06, DRG98, FLPP09, HDL+12, HCLC98, Hsi00, KYN+12, NR03, PW99, SEN05, SMSB05, SZV+12]. **Methods** [CLL+22, EW18a, GDF09, KRL15, ZHC+18, FZKS11, SW04, ZAJ+12]. **Metric** [YRH11]. **Metrics** [LIK22]. **Micro** [Kha23, RBWB20, YBM+21]. **Micro-** [Kha23]. **Micro-/Nano** [Kha23]. **Micro-architecture** [YBM+21].

ZHL+23, ZZM+25, BBD00, JP08, LMW99, LON08, LVL03, MPSJ07, PTC05, RHN00, RFYL98, Rak09, SKCM06, VAAH+98, VLGG01, WTL+13, WJY+07, ZM07].
Models
[APD+11, APS18, BBEM15, BFG17a, HHL14, LS23, LFST21, LS22, MA16, PZC+25, RG19, SDD+25, UMS25, WLM21, YLY+23, YBM+21, ZABGZ17, GMSSS02, LTPT10, MRC06, SGD10, SMSB05].
Modern [DKT+16, NTSA18].
Modification
[JK10, MGC24, PAV17, SA24a]. **Modified** [DMR23]. **Modular** [GAT+21, ZMS+19].
Module [HRC21, LCYN18, SC06, WCZ+24, CCX06, SCJ01, TW96]. **Module-Level** [WCZ+24]. **Module-Linking** [HRC21].
Modules [DHW+23, CWW96, CZW+03, KT96, OWH08]. **Modulo** [PG15]. **Modulus** [CZZYW21]. **Modulus-Based** [CZZYW21].
MOEA [SA24b]. **MOEA/D** [SA24b].
Monitoring [CSS+24, FYCT15, LL15, LHLP16, LLH+17, SL18, APB+08, CXK+13, CBR+05, KP13, WJY+07]. **Monitors** [VBP+19]. **Monolithic** [AJK+21, DLK24, LDD+18, LDD+19, PKC+21]. **Monotone** [DPNB02]. **Monster** [FHHH22]. **Monte** [FZL+23, GLY+12, ZFL22]. **morphing** [RAKK12]. **MOS** [ZK15]. **MOSFET** [BFL10]. **motes** [RFB10]. **Motion** [FG18, ZLG+19, DHV+00, KMS12].
Movable [TFW24]. **Movement** [HWGY16].
MP [CRC15]. **MPRM** [ZJH+25]. **MPSoC** [BGN+07, FACA25, GK14, KKJ+08, KH10, SGD10]. **MPSoCs**
[ADP+07, DJP21, EWT23, LFST21, MRL+20, MHT14, RGT+14, SKS12, SSL17, SWT23, SWT24, YP10]. **MRAM** [JZYZ15, SMBT19]. **MSG** [WY06].
MTCMOS [HLCH07]. **Muller** [ZHJ+23, ZHL+25]. **Multi**
[BS14c, CYH19, EKEK22, ETAV18, EWT23, GDTY24, GACK22, HC17, JOH17, KGS+20, KLE18, KR23, LFST21, LDYW25, LWG+23, LFJ25, LZD+24, LLZ+25, LG23, PGD24, PBWB21, PBF+22, PY20, RKKH24, SA24b, SFM+19, SBY+20, SCL+22, VILSL23, WFSS20, WZH+23, WMF+25, WDLX21, WLW+24b, XXC+24a, XHL+25, ZLY+15, ZGB+23, ZHJ+23, ZPLI23, dONH23, CNQ13, HGBH09, HMB98, KOS09, MPSJ07, PB14, Pom14a, RAKK12, SZV+12, Wu09, LLL+25b]. **multi-** [KOS09].
multi-bank [Wu09]. **Multi-bit** [VILSL23].
Multi-capacity [GDTY24]. **Multi-chip** [WDLX21]. **Multi-Core** [CYH19, ETAV18, SBY+20, LG23, RAKK12, SZV+12].
Multi-Cores [RKKH24, SFM+19].
Multi-Cycle [WZH+23, Pom14a].
multi-engine [CNQ13]. **Multi-Fidelity** [WFSS20, SCL+22]. **Multi-FPGA** [BS14c, LWG+23, PY20, LLL+25b].
Multi-Kernel [WMF+25, EKEK22].
multi-MoC [MPSJ07]. **Multi-Mode** [JOH17]. **Multi-Objective** [GACK22, KLE18, SFM+19, dONH23, EWT23, LFST21, LDYW25, SCL+22, ZGB+23, PB14]. **multi-phase** [HMB98].
multi-processor [HGBH09].
Multi-Resolution [ZPLI23]. **Multi-Row** [LFJ25]. **Multi-Scalar** [LZD+24].
Multi-Start [ZLY+15]. **Multi-strategy** [ZHJ+23]. **Multi-Stream** [PGD24].
Multi-Target
[KGS+20, PBWB21, PBF+22, KR23].
Multi-Task
[WLW+24b, XXC+24a, XHL+25].
Multi-tenant [LLZ+25]. **Multi-threaded** [HC17]. **Multi/Many** [SA24b]. **multibank** [WH05]. **Multicast**
[WWCT18, XS16, XCF18]. **multichip** [OWH08]. **Multicore** [BM11, CRC15, DFM15, HWX+14, JPHL16, KLSZ11, LS11, LHK+15, LMA+16, QBTM16, SPT+17, SAL19, THT12, WDZG16, XPX+21, BHW+13, CNQ13, DSH12, HDL+12, KP13, LTPT10, Ped11, QM12, SNL12, WTL+13].
Multicycle [Pom15a, Pom20, Pom13].

[LLLL18]. **Path-Aware** [AKAKP18]. **Path-Driven** [LVS16]. **Pathfinding** [APG24, UPV23]. **Paths** [GC18, XGWL24, BK00, PGB01]. **PATRON** [CGV+23]. **Pattern** [BKW15, CCK+18, CY24, HWF+23, IIEKS23, NPH+20, BH03, FNMS01, OKC08]. **pattern-based** [OKC08]. **Patterning** [LZ17, SHL+19, XYG+16, YLZ+17, ZLY+15]. **Patterns** [LM21, Pom18b, ZMTC13]. **Pay** [CHBK15]. **Pay-Burst-Only-Once** [CHBK15]. **PBO** [ZGB+24]. **PCB** [Yan17]. **PCM** [AAA15, BLNK14, CCH+15a, CHC+16, HHK+17, LYLW17, NK24, PBZM19]. **PCM-Based** [PBZM19, AAA15, CCH+15a, NK24]. **PeaCE** [HKL+07]. **Peak** [JGM14, PTC+15, TPC+17, HCN09]. **PeaPaw** [TBCH17]. **Pegged** [IK19]. **Penalty** [JK10]. **Per-Flow** [WZL+25]. **per-Task** [LMA+16]. **per-word** [RMB10]. **Perception** [LCZ+25]. **Performance** [Ali12, AVA24, BDR+24, BG01, BDBB19, CCS15, CWL+22, DKT+16, DBK+18, DLC+17, DHZL23, DKZ+15, EGK+25, FG18, GK14, GDD21, HWCL15, Kha23, KYL16, LHS20, LDD+18, LMW99, LLL+18, LS19, LLM+23, LTPR+13, LQL+24, NRZ+18, OJC+24, QBTM16, SJN24, SYX12, SPZ+24, TWM+23, TBCH17, TRM+16, TK18, THT12, THC+14, UMS25, WY06, WMT+16, WYZ+25, WLC02, WLCJ09, Yan16, YP10, ZLW+15, CL13, CYZL23, DP02, EK97, FLPP09, GDTG07, Giv06, GOC02, GHW+12, GWR13, HDL+12, LC96, LJV02, LYKW09, LFG+09, LV02, NS03, PDN97, RAKK12, SLXZ12, VLH98, WWG08, ZHM07]. **Performance-Aware** [BDBB19]. **Performance-constrained** [BG01, WLCJ09, GOC02]. **Performance-Driven** [GDD21, HWCL15, Yan16, GK14, LLM+23, WY06, WLC02, EK97]. **Performance-Efficient** [YP10]. **performance/power** [ZHM07]. **Performance/Thermal** [SYX12]. **Performance/Thermal-Aware** [SYX12]. **Period** [HYN15, ZCL+25, BDB98, CGN96, PL98]. **Periodic** [CHBK15, CWZ+25, Pom16c, SBY+20]. **Permanent** [GRS25, JM24]. **Perpendicular** [RPR+21]. **Personalization** [TZZH22]. **Perspective** [GNPZ25, KAC+23, RJ14, SS14, MOZ06, ZHOM08]. **Perspectives** [YBM+21]. **Perturbation** [LYM+20]. **Pharmaceutical** [YSF+18]. **Phase** [BLNK14, IYF+21, JSA18, KSA+10, LLP+16, LQD22, LG23, CR12, HMB98, HCN09, Kag05, RAKK12]. **Phase-adjustable** [KSA+10]. **Phase-aware** [LG23]. **Phase-Change** [LLP+16]. **Phenomena** [ADB+19]. **Physical** [Ase23, BHY+24, CXLL22, CO18, HLHT08, JCPL23, LLQD23, LZX+24, MYSZ23, PKC+21, PTPB22, SKM+16, YD16, ZCL+25, GWR13, HMVG13, MLG12, SYL09]. **Physically** [CSC+21]. **Physics** [YCZ+25]. **Physics-Informed** [YCZ+25]. **Piece** [WDW+25]. **Piece-Wise** [WDW+25]. **Piecewise** [HBPW14]. **PIM** [CXR+23, KLP+24, ZCK24]. **PIM-Based** [ZCK24, KLP+24]. **Pin** [GDTY24, XYG+16, Yan20, OWH08, XTW05]. **Pin-Access** [XYG+16]. **Pins** [TFW24]. **Pipeline** [CRC15, WMF+25, RPKC05]. **Pipelined** [CHBK15, LF12, MED23, MRL+20, Hua01, MS08, MD08, NS03, RTNL05, YGH+10]. **Pipelines** [PGD24, HA05]. **Pipelining** [AA17, KLV15, BG01, BASB01, CACS05, CL99a, HV98]. **Pixel** [DZ24]. **place** [KCKG13, YWW10, LRHL24]. **Placement** [ATF+23, DK16, FM24, FZH+25, HWGY16, HWL+23a, HWCL15, HKJ+23, JYHY21, JNCS19, KRL15, LLL+18, LNG+16,

[DTC+09, YFT18, YBS+18]. **RFID-Enabled** [YFT18]. **RGMU** [JDLZ24]. **rhythms** [GS13]. **rich** [SHBD21]. **right** [MR96]. **Ring** [CLC+24, GK07, GK09]. **rip** [GAS+24]. **Ripple** [HWGY16]. **rISAs** [SBH+06]. **RISC** [BSZ+24, HV98, YCL+23, ZBPF18]. **RISC-V** [BSZ+24, YCL+23]. **risk** [DS05]. **Risks** [MCY23]. **river** [ZW98]. **RL** [NT05, XGWL24]. **RL-Huffman** [NT05]. **RLC** [MN17]. **RM-TB** [WLW+24b]. **RO** [PBH+24]. **RO-driven** [PBH+24]. **Robust** [ATF+23, BJX15, BP23, CZZYW21, CY24, DZ18, GCZ+15, MCD12, PBWB21, STGR15, TLCF16, ZK15, ZHC+23, ZCS+24, CLYP09, ST99]. **Robustness** [BHLG19]. **Role** [CK19]. **Root** [PLC24]. **Root-Cause** [PLC24]. **rotary** [TDF+09]. **Routability** [AMM+18, HWGY16, HC23, HKJ+23, SAHF+20, THL+13, ZSY18, CLYP09, HSA+04, SYZ08, WSV+14, YCHT00]. **Routability-Driven** [AMM+18, HWGY16, ZSY18, HC23]. **Routable** [LCYN18]. **Route** [CJKS24, GAS+24]. **Router** [PMT20, TCL14, XS16, CLYP09, JCGP05, MLC08, TDF+09, wATkK02, GDTY24]. **Routers** [JM14]. **Routing** [ATF+23, CLC20, DXM+25, DLK24, GDTY24, GdRJM21, GKM05, JD18, LLL+25b, LHJ12, LLLL18, LWG+23, LXC+25, LKC+18, MAS+20, MCZ+16, RGM15, RBWB20, SGJN24, TZ17, TZ20, WLLH16, WPL23, XYG+16, Yan18, Yan19, Yan20, ZHC+21, ZPLI23, CZW00, CKKT98, DSKB04, DVA02, GAS+24, GMN+13, LLKC13, LCC11, LCJ+10, MW97, OW06, OWH08, RL13, SMYH07, Yan00, YW09, Yan11, YMC+13, YCHT00, ZW98, ZHTC09]. **Routing-aware** [GKM05]. **Routing-Based** [LLLL18, LWG+23]. **Row** [FM24, LFJ25, SAL19, HNS23, LC13]. **row-based** [LC13]. **Row-Buffer** [SAL19]. **RRAM** [LXWC20]. **RRAM-based** [LXWC20]. **RSMT** [TFW24]. **RSMTs** [DLK24]. **RSPP** [KD24]. **RTGC** [ZLW+15]. **Rtl** [SRP25, BK00, BBD00, BFP08, BFV15, Fuj05, GS00, HA25, ISK21, LZY+23, LV14, PGB01, PSK08, PIK20, WLM21, XK97]. **RTMF** [LLL+25b]. **Rule** [FOM+25, GdRJM21, KMO+12, MS17, VNS19, XHY+25, ZZL+23, RS98]. **Run** [DP02, KS23, HMLL11]. **Run-time** [DP02, KS23, HMLL11]. **Runtime** [BHW+13, LL15, LPL+21, NRZ+18, VTC20, WXH+19, WDW+25, ADDM+13, GFC+09, GDG+08, HW14, RCG+08, SKS12, WJY+07, YGH+10]. **runtime-reconfigurable** [GDG+08].

Saber [CYZL23]. **safe** [ZMTC13]. **SafeTI** [FACA25]. **Safety** [MN17, XLY+18, dONH23, MS08]. **Safety-Related** [dONH23]. **Salsa20** [MAS16]. **Sample** [PGCB16, PBWB21, PBF+22, ZKS+16]. **Sampling** [WTR12, XHY+25, ZYW+18]. **SAT** [CLM+10, Che18, CYV+14, DP02, IIEKS23, MZS24, RCD07, SGK08]. **SAT-based** [CLM+10, IIEKS23, SGK08]. **SAT-Hard** [MZS24]. **Satisfiability** [BR12, GMSSS02, OK20, PG15, GPK+09, HSA+04]. **satisfying** [QS09]. **saturation** [CCL03]. **Saving** [RM23a, HW00]. **Savings** [LKH19]. **Scalable** [AA17, CHL+25, HTC+25, KLK+17, LAYZ23, PJL14, SS24, SESN15, SKM+16, ZF23, HG07, KCKG13, SBC08, SBGD13, WSV+14]. **Scalable-Throughput** [SESN15]. **Scalar** [LZD+24]. **Scale** [DNT20, HC17, LYL+19, YVC14, ZHC+21, CGS+24, CSX+05, GNQ+22, HCK13, WTW+23, WLW+24b, ZGB+24, KBA08]. **Scaled** [PHKW12]. **Scaling** [GC18, HC17, HHL14, LV14, WGSH16, IAI+09, KSA+10, ML09]. **Scaling-Aware** [HC17]. **Scan** [BKW15, KMO+12, LWC07, LWK11, PSD21, Pom16b, Pom16c, Pom17b, Pom25b,

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