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1 [AGM01]. 2 [FWCL05, GH00, RL13, ZPLI23]. 2.5 [WCB15, WWCT18]. 3 [ADDM+13, AJK+21, CLT+15, CBR+22, CXR+23, CWL+22, DLC+17, DLK24, DHZL23, JGM14, KK11, KKHK16, KLE18, LLKC13, LDD+18, LDD+19, LHZ+06, LHC16, LW17, LS19, 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].

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

[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, BJZ24, CCY22, CO18, CLQ12, Har05, HAW20, HJ08, JCPL23, JW08, LP07, LZR23, MYSZ23, NWA+24, Ped06, PFHAH22, RW03, RBA+12]. **Introspection** [KI01]. **Intrusive** [LL15, SL18]. **Invariant** [Pom18b, PL03]. **Invariants** [IPWW17]. **Inversion** [LHW+17]. **Inversion-Aware** [LHW+17]. **inverted** [DH06]. **Inverter** [VEO16]. **Investigating** [RB19]. **Investigation** [XLNB17]. **IO** [Yan11]. **IoT** [BSP+22, CCMC20, CARH18, LZ24b, MMM+22, PTPB22, XLNB17, YB23, YFT17, YFT18]. **IoT/IIoT** [PTPB22]. **IP** [BTP+20, BFV15, ISK21, JHMGS18, RGX+24, SLP+19, SSGS03]. **IP-Integration** [JHMGS18]. **IPs** [GSFT16, LLH+17, LG18, Sch17, VBP+19]. **Irregular** [CLX+23, KCKG16, KCKG13]. **IRT** [MGC24]. **ISAs** [SBH+06]. **Ising** [MS21]. **Ising-FPGA** [MS21]. **Island** [GMS+23, LCY12, GM08]. **Islands** [JPHL16]. **Isolation** [CCS15]. **Issue** [ADGSM22, BJX15, BJZ24, HAW20, LZR23, NWA+24, TK18, BC08, LP07, Ped06, Ped11]. **Iteration** [CZZYW21, ZCS+24]. **Iterative** [KLV15, Yan20, DD02]. **iTimerM** [LJ18].

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

kEP [BCC08]. **kEP-SOPs** [BCC08]. **kernel** [EKEK22, WKR09]. **Kernels** [MLH+17]. **Key** [ISK21, JZG21, ZZL+23]. **Key-based** [JZG21]. **Key-Obfuscated** [ISK21]. **knapsack** [SBGD13]. **Knowledge** [EO19, ZHC+23]. **Knowledge-** [EO19].

L [LM96, Meh98, OKJH22]. **L-shaped** [Meh98]. **L-shapes** [LM96]. **L0** [KJR+07]. **L2** [SYX12, TYSF20]. **Lab** [PGCB16]. **Lab-on-Chip** [PGCB16]. **Lagrangian** [LGGJ14, PY20, ZBG+23]. **Language** [HCG+24, TAP+24, MSD06, MLC08, PHM00, RHN00]. **languages** [BGM04, Edw03, SSG12]. **Large** [CK19, CGS+24, CSX+05, DNT20, GNQ+22, JZYZ15, LYL+19, NDA+23, TAP+24, WTW+23, WLW+24b, YVC14, ZHC+21, ZGB+24, AM10, DD02, HH09, MRB+11, SCB01]. **Large-Scale** [LYL+19, YVC14, CGS+24, CSX+05, GNQ+22, WTW+23, WLW+24b, ZGB+24]. **Last** [KLJ14, SABSA15, SAL19, CXK+13]. **Last-Level** [KLJ14, SABSA15, SAL19]. **Latch** [JNCS19, Kha23, LCHT02]. **latch-based** [LCHT02]. **late** [LG12]. **Latencies** [Sch17]. **Latency** [DMR24, LWX+23, QBTM16, YKCG14, ZYPC17, PMT20, WHXZ13]. **Latency-aware** [LWX+23]. **Latency-Minimal** [ZYPC17]. **Lattices** [GSS14, HMO+14]. **Launch** [Pom21b, PTC+15, WWW+12, XCW12, Xia24, WPHL08]. **launch-off-shift** [WPHL08]. **Launch-on-Capture** [XCW12, Xia24]. **Launch-On-Shift** [PTC+15, Pom21b, WWW+12]. **Launch-to-Capture** [PTC+15]. **Layer** [DHZL23, LYCP17, MWS+20, WL12, Yan17, Yan20, CLYP09, DDNAV04, EKEK22, OW06, Yan00, Yan19]. **Layer-induced** [DHZL23]. **Layout** [CFD+16, DZ18, HWF+23, JYY+22, LZ17, LCYN18, MXO+25, RCK+15, SPC+15, TZ20, WPHL08, WPR+19, XK97, YLZ+17, ZLY+15, GS00, GH00, KG09, WJYZ11].

[HWCL13]. **Placer** [AMM+18, DKT+16, DKT+16]. **Placers** [LRHL24, MAL23]. **Plaintext** [HYK+20]. **planar** [DPNB02]. **Planning** [DSHD23, XYG+16, YYG+16, LC13, LHZ+06, MKBS05, SBC08, XTW05]. **PLAs** [LWH06]. **Plasticine** [EKEK22]. **Platform** [APD+11, FACA25, IGN18, KLP+24, LY24, VGG19, FNP09, JCS+08, RFB10, ZHM07, PBSV+06]. **Platform-aware** [VGG19]. **platform-based** [ZHM07, PBSV+06]. **Platforms** [BS14c, ETAV18, LS11, LMS16, MBD+20, RS18, TBCH17, VGG19, WDZG16, YPCF17, BMJ13, CNQ13, JW08, LP07, MPDG09]. **Playing** [RJL+09]. **PMC** [CLH12, CCH15b, CH13]. **PMU** [APD+11]. **POEM** [BDR+24]. **Point** [ALL17, BS14a, BFL10, SRC15, WZH+23, XNZ+15, AM98, BSP+23, CPW04, DPNB02, LCOM07, WG11, WFT+19, YCL+23, Yan08]. **point-to-point** [LCOM07]. **Pointer** [RCW22]. **points** [PMB10, Pom13, TD03]. **Poisson** [QSK12, WTW+23]. **Polar** [JNS+17]. **Polarity** [ZHJ+23, CHH09, LT11]. **Policies** [DZCD15, Kha12]. **policy** [CXK+13]. **Polishing** [LTW+16]. **Polling** [LZZ23]. **Polling-Based** [LZZ23]. **Pollution** [DJP21]. **polygon** [LLM01]. **polygons** [CT13, LM96, TP08]. **Polymerase** [LHC16]. **polymorphic** [LLYW10]. **polynomial** [GK07, GK09]. **Polynomials** [GLY+12]. **port** [CL13, SBC08]. **port-scalable** [SBC08]. **Portable** [HCG+24, LCZ+08, Rak09]. **Portion** [GD20]. **POSE** [Hsi01]. **Positioning** [HK18]. **Post** [GDD21, PTS+20, VILSL23, WBXJ25]. **Post-clustering** [VILSL23]. **Post-diagnosis** [WBXJ25]. **Post-Processing** [GDD21]. **Post-silicon** [PTS+20]. **Postlayout** [CLLK06]. **Postplacement** [CMB07, LCY12, WWG08, XLL+16]. **PostRouting** [KO23]. **Postscheduling** [FHHG12]. **postsilicon** [MKK13]. **Power** [ACF+11, ALL17, BLM00, BS14b, BM11, BPTB17, Brz24, CMP10, CH10b, CHBK15, CXH+16, CAP+23, CGV+23, CLMZ10, DLC+17, DNT20, DCC+23, FG18, FZL+23, GBR07, GCL+16, GAT+21, HWDQ22, HPK99, HYN15, HC23, HBBD25, JIR+21, JLK15, Kha23, KKHK16, LG18, LKM04, LYHL14, LAYZ23, LSZ+24, LLK+14, LHJ12, LHK+15, LKH19, LS17, LNPL23, MAS16, MKW09, MN17, NPH+20, NDA+23, NSP+20, PJL14, Ped96, PTC+15, RM23a, SCK18, SC00, SBC08, SYHL14, SSCS10, SP24, SESN15, SPZ+24, TWL16, TRM+16, TMDF10, TCL14, VNS19, WVYG99, WGT+17, WZH+23, WC10, WSRH16, WLW+24b, XXC+24a, XLS15, ZFLS11, ZK15, ZS16, ZMTC13, ZF23, AHAKP08, BDM+99, BdM00, BD00, BMJ13, BBD00, CS07, CH10a, CM08, CIB01, CCX06, CCW08, CHHL96, CCC09b, CJLZ11, CLQ12, DS06, DTC+09, ETR07, GOC02, GDF09, GF10, GS13, HR06, HLCH07, HLHT08, HTCP13]. **power** [JWL+03, KBN09, KP22, KKH+02, KOS09, KC13, KHW06, KYN+12, LMB+12, LLHT03, LYCP13, LHW+17, LBV+06, LHW97, MKK13, MRC06, MKW08, MLG12, MFS09, ML09, NT05, PPDK09, Pom14b, PWY05, PR96, RFB10, RTNL05, SMS22, STL+13, SUC01, SPMS02, SNL12, SZV+12, TKVN07, TJ99, THC+14, WJY+07, YHL+11, YGZ04, YLL06, YHL07, YHH09, ZHM07, ZLL13, ZYDP08, ZP08, ZYP09]. **Power-Aware** [LHK+15, CGV+23, SBC08, SNL12]. **Power-delay** [MKW09, SC00, WVYG99]. **power-density** [ZYP09]. **Power-Efficient** [JLK15, SZV+12]. **Power-Gating** [KKHK16, YHL07]. **Power-On** [WZH+23]. **power-optimal** [MKW08]. **Power-safe** [ZMTC13]. **power-transmission** [KC13].

JR97, KW02, Kuc03, LLHT03, MKBS05, MJM11, MHQ07, MR05, MWG97, NR01, PGGD23, RCG+08, SXX+06, TC98, WH05, WGDK07, YWW10, YGH+10, YYLL09]. **schematic** [KG09]. **Scheme** [BM11, CWL+22, HDB22, JDD20, KKLG15, KLK+17, LTYW12, LJZ+24, WHRC12, WH20, XS16, HCK13, KSA+10, XLCL13]. **Schemes** [GYZ+22, MGR+15, CSC08, KCKG13]. **Scoping** [dONH23]. **Score** [XLL+16]. **scratch** [IBMD07]. **scratch-pad** [IBMD07]. **Scratchpad** [CPS16, DFM15, BD14]. **Screening** [WBXJ25]. **Script** [ZZL+23, NPH+20]. **Scrubbing** [SVK17]. **SDF** [OKJH22]. **SDF/L** [OKJH22]. **Search** [FZL+23, JYY+22, LPLK22, NDA+23, Pom24b, RFG20, VCLD03, ZFL22, CMB07, DVA02, YWW10]. **search-based** [DVA02]. **Search-space** [RFG20]. **Searching** [DK16, SYZ08]. **Secret** [LDX22]. **Section** [BMdG17, CCY22, CO18, JCPL23, KLSZ11, PFHAH22, YD16, CH10a, CLQ12, HJ08, JW08, KLSZ09, MD13, RBA+12]. **Secure** [BHK17, LSZ+24, LSCK20, YCL+20, HBC+08, ISE08, HRK18]. **SecureTVM** [HTC+23]. **Security** [CM20, CPK20, CYLC24, GQW19, GLD+22, HMO+14, KAC+23, KSD+22, LHLP16, LZZSV15, LQD22, LZX+24, LMS16, MMM+22, MAS+20, MCY23, MPM+17, NSCM17, NWA+24, RNR+21, RGX+24, SLP+19, TK18, WM24, WLM21, YSF+18, YBM+21, DP04, IAI+09]. **Security-Aware** [KAC+23, LZZSV15, LMS16, MAS+20, NWA+24]. **SEDONUT** [PMA24]. **Seeds** [Pom17a, Pom24a]. **Segment** [WL12]. **Segment-Based** [WL12]. **Segmentation** [LCG+22]. **Segmented** [HSA+04, JWL+03, YCHT00]. **Select** [Pom18a, SP24]. **Selection** [AKAKP18, CXS+23, CV17, FYCT15, GC18, JM14, KPF16, STJG16, ZKS+16, CGN96, CCC09b, LB00, PMB10, VLGG01, XLCL13]. **Selective** [HTC+23, HKJ+23, Mut09, NRDB19, LCT03, WY06]. **selectively** [BD00]. **selectively-clocked** [BD00]. **Self** [CRT19, EO19, IYF+21, LW21, PIK20, SS24, SBB+18, SJ23, SHL+19, WCB15, WZH+23, XYG+16, SEN05, SZV+12]. **Self-Aligned** [SHL+19, XYG+16]. **Self-healing** [SS24]. **Self-Measurement** [CRT19]. **Self-Similarity** [PIK20]. **Self-Test** [EO19, SBB+18, WCB15, WZH+23, IYF+21]. **Self-Testable** [LW21]. **self-testing** [SEN05]. **self-tuning** [SZV+12]. **Semantic** [Pie16]. **Semantics** [KC98]. **Semi** [JM24, PLC24]. **Semi-Permanent** [JM24]. **Semi-Supervised** [PLC24]. **Sense** [ADB+19, DMR23, RM23b]. **Sensing** [DMR23, LSCK20, LTH99, WJY+07]. **Sensitive** [CHA+23, DZK+24, YBS+18]. **Sensitivity** [LM21, LON08, PMB10, ST99]. **Sensor** [CCMC20, HBBD25, NSS+16, PDS12, SPZ+24, ZHC+18, DHZ+11, JSG09, LCK+09, RFB10, ZSZ10]. **Sensor-Aware** [HBBD25]. **sensor-driven** [ZSZ10]. **Sensors** [FG18, RG19, YHL+11]. **Separate** [DK22]. **Separation** [EK16]. **sequence** [GF06, LC07, MMP00]. **Sequences** [PKJK20, Pom15b, Pom15c, Pom17b, Pom18a, Pom24b, KT01, LWC07, PL03, PR11]. **Sequential** [LVS16, LD17, LWG+23, SPA+03, WKC12, BLR06, BOC00, Che96, CPR+02, Edw03, HVF+01, HRP00, HCC01, JB98, KT96, KOS09, MMP00, PL98, SNH02, Vah02, YWGI09]. **sequentially** [LIA00]. **SER** [LD17]. **Serial** [LLL+24, PMP17]. **Serialized** [KH10]. **Series** [HBBD25, TW96]. **Series-parallel** [TW96]. **server** [dW97]. **servers** [ANR13]. **Service** [DKZ+15, AHAKP08, CBR+05]. **Service-Level** [DKZ+15]. **Set** [HKL+15, LPD+17, LHF12, LF12, MCD12, OT15, Pom19b, Pom22, DPNB02, Hua01, LP03, LCD07, LLYW10]. **Sets** [Pom16b, YRH11, PR07, TCP97]. **Settings** [ZHC+23]. **setup** [KO23]. **SEU** [JLF+12].

BD97, CEB06, KG99, KP13, SW04]. **survivability** [ACT13]. **suspect** [DNA+12]. **Suspension** [NSH+16]. **Sustainable** [CXH+16]. **SW** [ADP+07, BFV15, FLPP09, WWFT12]. **Swarm** [HLG+15]. **Switch** [CYLC24, HSR+24, MMM+22, CWW96, CZW+03, FLWW02, FLWC07, KS23, RFYL98, THL+13, ZHTC09]. **switchboxes** [DSKB04]. **switched** [CSC08, HWCL13]. **switched-capacitor** [HWCL13]. **Switching** [AVG19, BP23, GSS14, RM23b, SRC15, BLR06, HCN09, PR11, SXX+06]. **switching-activity** [SXX+06]. **SwitchX** [BP23]. **Symbolic** [BDM+99, BFG17b, DY23, MCD12, SHD17, BLM00, FWCL05, KVMH08, YWGI09]. **Symbolic-Event-Propagation-Based** [MCD12]. **symmetric** [IAI+09]. **Symmetrical** [OCK19, CZW00]. **symmetries** [CMB07]. **Synaptic** [HSP+22]. **Synchronizing** [MDM+12]. **Synchronous** [CH17, HPB11, PMS15, TB20, WWW+12, YKCG14, ZABGZ17, BDM+99, BASB01, CACS05, CPR+02, HKB+07, MB04]. **SynergyFlow** [LYL+19]. **Synthesis** [AG22, AA17, BR12, BD00, BSP+23, CSKR05, CET16, CXS+23, CS22, CLMZ10, CCL03, EO19, EWT23, FCZ+23, GBR07, HS18, HRC21, HMVG13, HCZ+16, ISK21, JJH21, JZL+25, KK14, KKK12, KKS16, LS17, MWK21, MGC24, NG06, OCK19, PDS12, PG15, PFHAH22, QZZW24, QSW+15, RCW22, RJ14, Sch17, SGC+14, SS14, SGGR14, SLV+22, SV11, SCCH08, UE22, WCCC14, WS22, YMB15, ADS+09, BDM+99, BZ08, CLLK06, CMM00, CBMM10, CL99b, CD96, DDNAV04, FHHG12, GG99, GOC02, GH00, GGDN04, GWR13, HLKN07, HCLC98, Hsi01, HLHT08, Hua01, JLF+12, KSS+09, KKH+02, KK11, KW02, KHP05, KFH+08, LCD07, LC14, Lin97, LLHT12, LWH06, MMP00, MDM07, MKBS05, MJM11, MRC06, PBSV+06, RFYL98, RS03, SW12, SCB01, SV07, TN99, TC98, VLH98, VKT02, VKKR02, WV02, WG11, WKR09, XK97, XPSE12, YWW10, SRP25]. **Synthesis-time** [BSP+23]. **Synthesized** [RB21, SBR+17]. **Synthesizing** [GSS14, GNQ+22]. **synthetic** [PSK08]. **System** [BdM00, BJZ24, CH17, DMR10, GM08, GPH+09, HKL+15, HZS+19, LZ24a, LL15, LG18, NAK20, NRZ+18, PDS12, PPDK09, Pie16, PBSV+06, RFG20, SL18, SGGR14, TK18, WL12, YYG+16, ZHM07, ZCL+25, APB+08, BPRR98, BMJ13, Cha01, CKAP07, CSC08, CGLH23, DC07, GG99, GABP00, HGBH09, 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-on-Chips** [LZ24a]. **System-scenario-based** [GPH+09]. **Systematic** [AMM+06, JBS24, SLP+19, KPR06, RPKC05]. **SystemC** [BK10, CVMP19, GD20, HV07, WWFT12, ZMS+19, RHA08]. **SystemC-AMS** [CVMP19, ZMS+19]. **SystemC-based** [GD20]. **SystemCoDesigner** [KSS+09]. **Systemization** [ZHC+23]. **SystemJ** [MSR09, SPT+17]. **Systems** [ALLE20, ADGSM22, APG24, BHK17, BLNK14, BJX15, BSP+22, BB17, BXG+24, BS14c, CLL+22, CHA+23, CH10a, CCH+15a, CHBK15, CXLL22, CYH19, DFM15, DHX+23, DHW+23, EAP17, GT21, HXZ+23, HK18, IGN18, JJH21, KLSZ09, Kha23, KC10, KMR18, LL15, LWX+23, LHK+15, LZZSV15, LWG+23, LMA+16, LZX+24, LL19, LZA+21, MRL+19, NSH+16, NDA+23, NRM+24, ORGD+15, PLC24, PPP+15, PSNC18, PG15,

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