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2 [VWG ⁺ 17]. 3 [CCY ⁺ 13, CLLC17, DSXS ⁺ 14, HH13, HL14, LQN ⁺ 13, MSCS16, PRB15, SP19b, WDM17].	3PXNet [RLG20]. 3s [Ano14].
8 [LPO ⁺ 17, ZSH ⁺ 19]. $GF(2^m)$ [HJ19]. μ [LN04, WPW ⁺ 04]. R^3 [WLH ⁺ 18].	4.0 [Shu18b]. 4s [Ano14].
-Bit [LPO ⁺ 17, ZSH ⁺ 19]. -MRAM [ZBCM09]. -Re-entrant [VWG ⁺ 17]. -tree [LCC ⁺ 19].	5s [Ano14].
/Divergence [BSV17].	6 [GIA11]. 61499 [YRS12]. 653 [DLD ⁺ 19].
12 [BLG ⁺ 15]. 16-bit [KG05]. 1s [Ano13, Ano14].	A9 [SOL ⁺ 16]. AADL [GGGK08]. abstract [HDR ⁺ 06, RRW05, WBF ⁺ 06]. Abstraction [CMS17, KB17, LP19, SKKR11, VF17, WMRB17, ADI06, PDBR08, RS07]. Abstraction-Refinement [KB17]. Abstractions [SPP ⁺ 10]. Abstracts

[Ano13, Ano14, TEC12]. **Accelerate** [XDL⁺¹⁸, LHM14]. **Accelerating** [CDX⁺¹⁹, HSK18, ZLSQ17, ZHCY13]. **Acceleration** [GIA11, HZH⁺¹⁸, KSA⁺¹⁸, LMS⁺¹⁹, SWWW17, ZRZ⁺¹⁹]. **Accelerator** [AP20, AV20, BTA⁺¹⁹, GZZ⁺¹⁶, MSR⁺¹⁷, SXXS^{+16a}, SXXS^{+16b}, SXXM⁺¹⁸, VKW⁺¹⁷, CCA⁺¹³, TLLL09]. **Accelerators** [CGSH19, DKA⁺¹⁹, HNY18, NVB⁺²⁰, PCC17, PMDC17, RR17, RWL⁺¹⁸, KJRG13, MSH⁺¹⁴]. **Access** [BP19, CLLC17, GDN03, IFA⁺¹⁶, KCWH14, KKCS16, LYH⁺¹⁵, PP19, TGBT17, WLK⁺¹⁹, TVK08]. **Access-Aware** [LYH⁺¹⁵]. **Access-Execute** [WLK⁺¹⁹]. **Accesses** [RC17]. **Accountability** [KS18]. **Accounting** [GD19]. **accrual** [WRJL06]. **Accumulative** [MH19]. **Accuracy** [JBDD20, MKR13, OSA⁺¹⁸, WCK⁺¹⁹, AC08, PSZ12b, SD08]. **Accurate** [KCJ⁺¹⁶, TKT15, VJD⁺⁰⁷, VDK⁺⁰⁸, LM13, LLC⁺¹³]. **ACDC** [SRG⁺¹⁵]. **Achieving** [GHZH14, JSZ⁺¹⁹, LPFG13, WCK⁺¹⁹]. **ACM** [BLG⁺¹⁵, DST19, CJL17, CGZ18, DST19, Shu18c]. **acoustic** [PSZ12b]. **acoustic-based** [PSZ12b]. **across** [JSZ⁺¹⁹]. **Action** [KMP15, LFC17]. **Activations** [BVM19, ZRZ⁺¹⁹]. **Active** [CBS19, WDY⁺¹⁶, YMHB19, SPK⁺¹²]. **Activities** [ALZR19]. **Activity** [BTA⁺¹⁹, HZX15, TLL⁺¹², WLWS15, ZRF⁺¹², HXZ⁺¹³, NRL13]. **actor** [FZK⁺¹⁰, LLN09, ZL08, RBS⁺¹⁰]. **Actor-based** [RBS⁺¹⁰]. **actor-oriented** [LLN09]. **Actors** [DPNA16]. **actuation** [PCM12]. **Acyclic** [ADJM19]. **ad** [KDN⁺⁰⁷]. **ad-hoc** [KDN⁺⁰⁷]. **AdaFT** [XKK17]. **ADAPT** [LCP⁺¹⁷]. **Adaptable** [LSL20, SMW⁺¹⁷, LB04, MSL13]. **Adaptation** [MSD17, WLHC18, WLC⁺¹⁸, ASTPH10, WYJ⁺¹⁴, ZC04b]. **Adaptations** [KRS⁺¹⁶]. **Adapting** [SCM20]. **Adaptive** [CSW15, CLL16, CYH20, CAPL11, CCAP12, DAHM16, GDDD17, HHC^{+16a}, LCP⁺¹⁷, MTWE20, MALM04, MKD13, MF12, PMPP14, RJM19, SKN17, SSH14, TXL⁺¹², WLH16, XKK17, YYKK18, ZTRC03, ZLL⁺¹¹, ZSJ12, BO13, CWKH12, CCH13, DEG11, GMOB13, LKW02, TSG10, VSSS13, HBSA04]. **adder** [DBH14]. **Adders** [DNT18]. **Address** [SEB12, CKIR06, HABT11, JKJ⁺¹⁰, ZP08]. **Address-Code** [SEB12]. **Addressable** [RSK17, YCT16]. **Addressing** [YZA13]. **adjusting** [Wu10]. **Adoption** [NVB⁺²⁰]. **Advanced** [BP19, LAZ⁺¹⁶, PJWY12, SXH⁺¹⁹, BCG⁺⁰⁷, ISTE08, SBF⁺⁰⁵]. **Adversaries** [Shu19a]. **Affecting** [EVS⁺¹⁷]. **affine** [NNS13]. **Against** [HDZL20, KKL⁺¹⁶, ARJ11, Geb04]. **agent** [GNR⁺¹⁰, PCBW13]. **aggregates** [LXK10]. **Aggregation** [DB19, JGX⁺¹⁸, HBSA04, LS12]. **aggregators** [WSK14]. **Aggressive** [GDC19]. **Agnostic** [ZLL⁺¹¹]. **Ahead** [WZH13]. **AIDA** [HBSA04]. **AiDe** [BKMG12]. **Aided** [CD12, LLL14]. **Air** [SHL⁺¹⁷, WLH⁺¹⁸]. **ALEXIA** [KRR20]. **Algebra** [WMRB17]. **Algebraic** [AGS⁺¹⁶, MM16]. **Algebraic-Wavelet** [MM16]. **Algorithm** [Ahm13, BRA⁺¹⁶, CLS16, KAKSP15, KKD⁺¹², MM16, MSR⁺¹⁷, PJWY12, QP15, WYL⁺¹⁹, YCK⁺¹⁸, YYKK18, CCH13, DNNP14, GNS04, LHCK04, LCH⁺⁰⁸, NBGS09, PMPP14, PL10, TJ10]. **Algorithm/Architecture** [KKD⁺¹², YCK⁺¹⁸]. **Algorithmic** [ORA16]. **Algorithms** [AMKA17, CCP⁺¹⁹, CYH20, DLD⁺¹⁹, GIB⁺¹², RN14, SSS11, SGW⁺¹⁶, GNW05, HABT11, PBP09a, PBP09b, ZC08]. **Alignment** [GW15]. **all-optical** [KYHY14]. **Alleria** [BP19]. **Alloc** [WDM17]. **Allocation** [ADJM19, HZGW18, JLW⁺¹⁵, LOF20, SWX17, SHQX19, XLY18, AF14, ABS02, DF14, ESAS14, KK05b, LXK10, LOXL13,

NDB09, PAP⁺¹², UDB06, ZZZ⁺¹², ZLF13]. **Allocator** [YC16]. **alteration** [SKPL10]. **alternative** [ZNS13]. **ambulatory** [WYP⁺¹⁰]. **AMS** [WZH13]. **Analysis** [ARJ08, ARP12, AKD⁺¹⁸, ABH⁺¹⁸, AKTM16, ABS⁺¹⁹, BVM19, BKMG12, BE17, BDG⁺¹⁵, BGO17, BB13, CR14, DHKS15, DHL17, DJZ13, DVCC19, DNT18, FZK⁺¹⁰, FMSS15, GWM16, GZZ⁺¹⁶, HKP18, HFA⁺¹⁴, HFL⁺¹⁹, KB17, LS20, LL15, LCD18, McI13, MHT13, MAGR15, NS16, NBM⁺¹⁶, PC14, SRNW16, SE17, SC17, SR12b, SLE⁺¹⁷, SFZX18, SD17, TP19, TBEP16, VA18, WMRB17, WCM⁺¹⁶, XZK⁺¹⁹, YGW⁺¹², ZLLC15, ZLL⁺¹⁹, ZSJ2, AF14, ADI06, AFL13, BAR13c, BGVZ11, BC07, CMV10, CCR⁺¹⁴, Cul13, DNNP14, GW08, GT05, GLYY14, HHB⁺¹², LLLT08, LLTL09, MEP04, MMR⁺¹⁰, SD08, SE10, SHME13, SAMR06, SE07, TM07, VAR13, ZSM13, ZB13]. **Analytic** [WW09]. **Analytical** [JLSP18, MAKO19, LM13, WMZY13]. **Analytics** [DLPK16]. **analyzability** [NKP⁺¹²]. **Analyzable** [CQV⁺¹³, CD12]. **Analyzing** [BS13b, CD19, HKVI05, JZL⁺¹⁵, MKD15, MKE18, PP12, YZ08, YGD⁺¹⁷]. **anchors** [CTK⁺¹³]. **Android** [CSCC17, ESM⁺¹⁷, SZL⁺¹⁷, SKK⁺¹⁴, STY⁺¹⁴, YGD⁺¹⁹]. **Anomaly** [CLJ⁺¹⁹, LL18]. **Anonymous** [LMW⁺¹⁷, SBR⁺¹⁵]. **Anti** [SA18, WYL⁺¹⁹]. **Anti-collision** [WYL⁺¹⁹]. **Anti-Lock** [SA18]. **Antlab** [GMS17]. **Aperiodic** [DSB17]. **App** [KJKM16]. **appear** [TEC12]. **appearance** [KMB07]. **appliances** [Edi14, GLWM14]. **Application** [AHMT17, BBM15, BO13, CCKM16, CHS15, DASS12, DSXS15, DSW⁺⁰⁹, HPBL12, KAKSP15, KJK17a, LKW02, LMA19, LX16, MSCS16, MPFG19, PSZ12a, PÖG⁺¹³, RC08, RWL⁺¹⁸, SCRY16, TBFR17, WWG⁺¹⁸, WP11, WMLM12, ZTZ⁺¹⁹, BM13, yCBR05, HBSA04, JHPR13, LLR14, MMR⁺¹⁰, NSL11, XWHC06, ZNS13]. **Application-adaptive** [LKW02]. **Application-Aware** [KJK17a, BO13]. **Application-Focused** [HPBL12]. **application-independent** [HBSA04]. **Application-Specific** [DASS12, MPFG19, PSZ12a, TBFR17, RC08, WP11, BM13, yCBR05, JHPR13, XWHC06]. **Applications** [BZG19, BTA⁺¹⁹, BJCHA17, CAPL11, ETAV16, HJ19, KKD⁺¹², KCJ⁺¹⁶, KMP15, MLR⁺¹⁷, MKD15, MASG15, NZCS19, PX18, PJJ⁺¹⁷, RPHA19, RDP17, SLB⁺¹⁵, DFC⁺¹⁹, SPB⁺¹⁷, TDD⁺¹⁶, TBG⁺¹⁷, TP16, UBF⁺¹⁶, VCM19, WZM17, WH17, XDL⁺¹⁸, ZDZ14, ZSJ2, AMCM06, ABC⁺⁰⁷, CMV10, CLK13, CD10, CCAP12, Dea06, DKAL05, FO03, GFC⁺¹⁰, GHB13, HHB⁺¹², IHK04, KVN⁺⁰⁹, KBDV08, KZH⁺⁰⁶, LO13, MEP04, MEP08, MAG14, DWCM14, PCK⁺⁰⁸, QP03, RMM03, SGT⁺¹³, SJC⁺⁰³, SPP⁺¹⁰, UCK⁺⁰⁹, YG02, YCLV⁺⁰², ZNS13, ZWY⁺¹⁰, ZXS03]. **Applied** [BGRV15, LCQ⁺¹³]. **Approach** [APRC16, ETAV16, HDZL20, KDB19, LYH⁺¹⁵, LLW⁺¹⁷, McI13, NBM⁺¹⁶, PHG⁺¹⁷, SWX17, TBAS17, WZ12, YF19, ZRF⁺¹², BvB13, CAP⁺⁰⁷, CRM14, FZHT13, GNR⁺¹⁰, JHPR13, KKH⁺¹², LLL14, LM13, MSCJ12, MSS⁺⁰³, OMA⁺¹³, PB14, ZCS⁺⁰⁵, ZKKC05]. **Approaches** [FHB⁺¹⁷, GWM16, HGL14, LSC14]. **Approximate** [CGSH19, DNT18, LN19, NBE18, RR17, RSK17, YEK17]. **Approximation** [PC14, NBGS09, ZX08]. **Arbiter** [CCKM16, RPB⁺¹⁹, ZTZ⁺¹⁹]. **arbitrary** [LA11]. **Arbitration** [TTA⁺²⁰, PL10]. **architectural** [VGG⁺¹³]. **Architecture** [AAR⁺¹⁷, BDB⁺¹⁷, CHK^{+14a}, DASS12, HW17, KKD⁺¹², KY17, KKCS16, MCSW12, MSR⁺¹², MZG15, OSA⁺¹⁸, SK13, SSS11, TKV⁺¹⁸, TKT15, YCK⁺¹⁸, AP09, AAPN14, BCLN13, Bec09, BO13, CIC⁺⁰⁸,

CIC⁺⁰⁹, DSW⁺⁰⁹, GJ13, GDN03, GM03, GLWM14, HPLD09, ISE10, KVK⁺⁰³, KXL10, KYHY14, KGR12, KTT13, LS09, MMSN14, MMD04, PCK⁺⁰⁸, PBP09a, PBP09b, RDM06, RMD09, SKW⁺⁰⁷, TKG13, THON12, YFPJ14, ZCK13, ZVL04]. **Architecture-Aware** [MZG15]. **Architectures** [AMKA17, ARDG16, BBB16, BJCHA17, CHS15, CDH⁺¹⁶, DSXS15, DLPK16, FSC⁺¹⁶, LCD18, MG15, MKD15, MKAA17, MKASJ18, NASM18, RDP17, SXM⁺¹⁸, THA⁺¹², VCM19, WSHC14, BP14, BvB13, BMP03, BCG10, CP13a, GMOB13, HG09, IBMK10, LOG⁺¹⁴, LWK⁺¹⁰, LXL13, MF13, NB04, PCM12, PDBR08, SBX08, SM13a, ZTD⁺⁰⁶]. **Area** [AZHC19, BKMG12, BTL⁺¹², GMVV17, KSK17, MCM⁺¹⁷, TLL⁺¹², WH17, ZJZL20, CRM14]. **Area-efficient** [KSK13]. **Areas** [SBB19]. **ARINC** [DLD⁺¹⁹]. **ARINC-653** [DLD⁺¹⁹]. **Arithmetic** [LS17, OP06, RGdZS14, TSG10]. **arithmetic-level** [OP06]. **ARM** [CYH⁺¹⁷, DVC⁺⁰⁷, SOL⁺¹⁶]. **ARM/Thumb** [CYH⁺¹⁷]. **Array** [EZL⁺¹⁷, FO03, ZRZ⁺¹⁹, BDP⁺¹³, WL09]. **Arrays** [TWTH18, YCK⁺¹⁸, VSSS13]. **Art** [Shu15b, WGP04]. **Article** [BLG⁺¹⁵]. **Articles** [Shu18c]. **Artifact** [Shu18c]. **Artificial** [Shu18b]. **Artistic** [SRY13]. **ARX** [SJLK18]. **ARX-Based** [SJLK18]. **ASIC** [AVF⁺⁰⁹, MCM⁺¹⁷, MKAA17]. **ASIC-Based** [MCM⁺¹⁷]. **ASIP** [SKW⁺⁰⁷]. **aspect** [DRL⁺¹⁰]. **aspect-oriented** [DRL⁺¹⁰]. **Assessment** [HPBL12]. **Assignment** [AR14, LBS15, MBP14, MF12, PLM⁺¹⁵, RN14, SR12a, SEB12, CKIR06, HABT11, LO13, MEP08, OOAL06, PL10, QRB10, ZZZ⁺¹²]. **Assisted** [AAR⁺¹⁷, KSY17, PX18, CCY⁺¹³, HLD⁺⁰⁹, LOG⁺¹⁴, WJ17]. **Association** [GZZ⁺¹⁶, YCLV⁺⁰²]. **Association-Rule** [GZZ⁺¹⁶]. **associative** [LPC⁺⁰⁷]. **Assume** [NLSV⁺¹⁹, STH17]. **Assume-Guarantee** [STH17]. **Assumptions** [PMAB19, CJMB05]. **assurance** [RPHA19]. **ASTROLABE** [NBM⁺¹⁶]. **asymmetric** [ESAS14, GLWM14]. **Asynchronous** [BHXP19, GHR15, KW10, KASD07, ZM07]. **asynchrony** [CW14]. **Attack** [FXP⁺¹⁷, IPL16, LCLW17, PS08a, YGW⁺¹²]. **Attack-Resilient** [IPL16]. **Attack-tolerant** [PS08a]. **Attacker** [ZJZL20]. **Attacks** [ARP12, BCHL19, CBRZ19, DBFH14, HDZL20, ZTZ⁺¹⁹, ARJ11, Geb04, WGP04]. **Attitude** [HCS18]. **audio** [TKG13]. **AuthCropper** [KLK⁺¹⁹]. **Authenticated** [DS11, KLK⁺¹⁹]. **Authentication** [GMVV17, SRK⁺¹⁸, DLN13, LN04]. **Automata** [JFK15, SK19, SH15, BS13b]. **Automated** [CDD⁺⁰⁷, CFGM15, CI17, FC16, LSL20, NNS13, RMK17, TBAS17]. **Automatic** [BF17, CMK12, DP19, GNP06, GGJ12, HVG13, LLC⁺¹³, SFZX18, TM15, TFL16, VNK⁺⁰³, YCK⁺¹⁸, AFG08, BAR13c, IBMK10]. **Automatically** [BTD⁺¹⁸]. **Automation** [SVZ13, LCQ⁺¹³]. **automaton** [TLLL09]. **automaton-matching** [TLLL09]. **Automotive** [VA18]. **Autonomous** [CGZ18, Kha13, MM16, WMLM12]. **Auxiliary** [DL12]. **availability** [FF09]. **Available** [KCJ⁺¹⁶]. **average** [MLL08]. **avionics** [ABC⁺⁰⁷, NKP⁺¹²]. **Avoid** [LJLT17]. **AVR** [LPO⁺¹⁷]. **Aware** [BMAB16, BZG19, BLSM19, CWH⁺¹⁶, DAHM16, DHL17, FS13, FMSS15, FC16, GQC⁺¹⁷, HGW⁺²⁰, HDG⁺¹⁴, HPP17, HB16, JRSR17, JLW⁺¹⁵, JEP16, KKD⁺¹², KJK17a, KBS17, KJK18, KRS⁺¹⁶, LSC19, LJP17, LYH⁺¹⁵, LZJ⁺¹⁹, MSR⁺¹², MZG15, NASM18, PSZ12a, RR17, SOL⁺¹⁶, SP19b, SXXS^{+16a}, SWX17, SLS⁺¹⁹, TBAS17, TBEP16, TLBM15, VA18, WLWS15, WHN⁺¹⁷, WZD⁺¹⁷, YC16, AHM19, ACK⁺¹³, AZHC19, BMP03, BO13, DKV14, DLRTB⁺¹⁹, DJS16, ESM⁺¹⁷, FZJ08,

GHB13, GGI13, GNR⁺¹⁰, HH13, JC03, JP14, KBDV08, KYL13, LO13, LQN⁺¹³, MSS⁺⁰³, MALM04, MAG14, OMA⁺¹³, SRS03, SR19, YW13, ZC04a, Zhu10, LDV12, SAMR06]. **Awareness** [ZO16]. **AXI** [RPB⁺¹⁹]. **Axiom** [TNR17].

B [LCC⁺¹⁹, WKC07]. **B-tree** [WKC07]. **Bad** [KNY⁺¹⁷]. **Balance** [JNI15]. **Balancing** [CGSH19, CWJ17, FS13, THA⁺¹², Mus10]. **BAND** [BKMG12]. **BAND-AiDe** [BKMG12]. **Bandwidth** [DF14, FBM16]. **Bank** [TGBT17, LXL13, SBX08, ZP06]. **Banks** [CI17, MF12]. **BarbequeRTRM** [BMF15]. **Barrier** [HCL⁺¹⁷]. **Based** [ARDG16, AYS15, BCS16, BSA17, BE17, BP12, BSJ15, BRL16, CSCC17, CPC17, CCM17, CDH⁺¹⁶, CKB17, DWRR14, DJZ13, EVS⁺¹⁷, FND⁺¹⁶, GSC19, GMCC18, HPBL12, HSMS16, HPO⁺¹⁵, HPS13, HW17, JZL⁺¹⁵, KAKSP15, KY17, KKL⁺¹⁶, KCC⁺¹⁶, KSA⁺¹⁸, Kwo16, LL15, LPFL16, LZL15, LZS⁺¹⁸, LHL⁺¹⁹, LPO⁺¹⁷, LZZ⁺¹⁹, LSL20, MSCS16, MCS⁺¹⁵, MCM⁺¹⁷, MS13b, MKD15, MKAA17, NASM18, NYH⁺²⁰, PYJL15, PJWY12, PGR16, PNRC17, SA18, SLB⁺¹⁵, SJLK18, SXH⁺¹⁹, SPC⁺¹⁶, SCRY16, SIC19, TBFR17, TNR17, TMXS17, TAMS18, UM13, WWY13, WDY⁺¹⁶, WXY⁺¹⁸, WCK⁺¹⁹, WLC⁺¹⁸, WZ12, XHK16, XDL⁺¹⁸, YJD⁺¹⁷, YC12, YLW15, YCT16, YYKK18, ZRZ⁺¹⁹, ASTPH10, AP20, ANARR⁺¹⁹, AZHC19, ABS02, BGD14, BD14, BZ13, BFQ10, CCA⁺¹³, CYKH13, CC13a, CDX⁺¹⁹, CCP⁺¹⁹, CGV10, DEG11, DLN13, FZHT13, FKS⁺¹⁹, GW08, GFC⁺¹⁰, GDDD17, GD14, GDN03, HKP18, HZX⁺¹⁴, HPLD09]. **based** [JKJ⁺¹⁰, JMO14, KKO⁺⁰⁶, KPK⁺¹⁹, KKH⁺¹², KGR12, KT14, LCQ⁺¹³, LPC⁺⁰⁷, LS13, LLR14, LC17, LLG⁺²⁰, LHCK04, LLLGR13, LV09, Mus10, NSL11, OMA⁺¹³, PCK⁺⁰⁸, PS08b, PW13, PDBR08, PAS⁺⁰⁹, PSZ12b, PGR⁺⁰⁸, RS07, SGT⁺¹³, SCF12, SKH⁺¹², SBLM13, SB08, SXXM⁺¹⁸, SC05, TXL⁺¹², TP20, VJD⁺⁰⁷, VDK⁺⁰⁸, WSK14, YRF10, ZKKC05, ZJZL20, ZLF13, ETAV16, GZZ⁺¹⁶, CLLC17, FS14, RBS⁺¹⁰, RSB⁺⁰⁹, ZBCM09]. **Based0** [MASG15]. **Basic** [HDZL20]. **basis** [RMH04a]. **Battery** [AKTM16, CGZ18, KCJ⁺¹⁶, LOD18, VA18, WXY⁺¹⁸, WLHC18, YTL⁺²⁰, RV03, ZSM13]. **Battery-Aware** [VA18]. **Battery-Free** [CGZ18, LOD18, WXY⁺¹⁸, WLHC18]. **Battery-Less** [AKTM16]. **Battery-powered** [YTL⁺²⁰, RV03]. **battery-supported** [ZSM13]. **Batteryless** [HTR⁺¹⁶]. **Bayesian** [DHJ⁺¹⁷]. **BBB** [HDZL20]. **BBB-CFI** [HDZL20]. **Be** [Val17, GT05]. **beamforming** [TKG13]. **Become** [Shu18e]. **BeepBeep** [PSZ12b]. **Behavior** [JC12, NS17]. **Behaviors** [BTD⁺¹⁸]. **Belief** [HLLL12]. **Benchmark** [LWK⁺¹⁷, MCSW12]. **Benchmarked** [MKAA17]. **BenchPrime** [LWK⁺¹⁷]. **Benders** [ETAV16]. **benefits** [BAR13b]. **Berkeley** [SVP05]. **best** [MAG14, SRM⁺¹³]. **best-effort** [MAG14]. **Between** [DPNA16, NNH⁺¹⁴]. **Beyond** [KMB07, SRNW16]. **Bicriteria** [MG15]. **Big** [APRC16, CJL17, KSA⁺¹⁸, PNRC17, Shu15a, Shu16c]. **big.LITTLE** [HTC⁺¹⁶]. **Bilinear** [YLW15]. **Binaries** [CYH⁺¹⁷]. **Binary** [CL13, CYH⁺¹⁷, HLF⁺¹⁸, MBR15, PWL⁺¹⁹, ZGH⁺¹⁹, BCDH12, RMH04a]. **Bio** [BDB⁺¹⁷]. **Bio-signal** [BDB⁺¹⁷]. **Biochips** [CKB17, EZL⁺¹⁷, SIC19]. **biology** [LHM14]. **Bionode** [PQA⁺¹⁹]. **biopotential** [CNC13]. **Bit** [JNI15, LPO⁺¹⁷, ZJZL20, GJ13, KG05, ZSH⁺¹⁹]. **Bit-Density** [JNI15]. **Bit-time-based** [ZJZL20]. **bitwidth** [ÖNG08]. **Black** [BTD⁺¹⁸, SOL⁺¹⁶]. **Black-Box** [BTD⁺¹⁸]. **Blind** [LCLW17]. **blinding** [KHHH14]. **Block** [FXP⁺¹⁷, HDZL20, KNY⁺¹⁷, LCLW17, SJLK18, Shu16a, Shu17b, TFL16].

Blocking [HGW⁺20, SE17, ZC04a, DW10]. **Blocking-Aware** [HGW⁺20, ZC04a]. **Blocks** [SWK19]. **Blockwise** [LYY⁺17]. **BlueIO** [JAD19]. **Bluetooth** [KYDC20, LLL14]. **BMS** [KNY⁺17]. **Board** [CPP⁺17, CGV10]. **Body** [AZHC19, BKMG12, BTL⁺12, GGJ12, PP12, TLL⁺12, ZLL⁺11, LHX⁺14, QRB10, WYP⁺10]. **Boosting** [CMV10]. **BORPH** [SB08]. **Bottleneck** [Ahm13]. **bound** [ZX08]. **Bounded** [AFMT17]. **Bounded-Rate** [AFMT17]. **Bounding** [WZ12]. **bounds** [LA11, NNS13, RM10]. **Box** [BTD⁺18, SOL⁺16]. **Brake** [SA18]. **Brake-by-Wire** [SA18]. **Branch** [QZXO14, DNNP14, PO05, ZA07]. **branch-and-prune** [DNNP14]. **Branching** [FKS⁺19, KMP15]. **breadcrumb** [LHX⁺14]. **Break** [BVM19]. **Breast** [PCC17, CCC⁺14]. **Brief** [BLG⁺15]. **Broadcast** [ANARR⁺19, GMVV17, PGR16, SXH⁺19, DLN13, LN04]. **Broadcast-Free** [PGR16]. **Broken** [PL13]. **BTMonitor** [ZJZL20]. **Budget** [BE17]. **Budgets** [ABS⁺19]. **Buffer** [CSW15, DP08, WBS10, CH10, LPC⁺07, LWB13, LO13, PMPP14]. **buffer-based** [LPC⁺07]. **Buffering** [HC16]. **buffers** [IHK04]. **Building** [AEF⁺14, LWK⁺17, PL13, SWK19]. **Built** [MSHS19]. **Built-in** [MSHS19]. **burstiness** [MRY⁺10]. **Bus** [RPB⁺19, BD14, LLC⁺13, PDBR08, PL10]. **bus-based** [BD14, PDBR08]. **buses** [SAYN09]. **bypass** [JHPR13]. **Byte** [YCT16, YLDM19]. **Byte-Addressable** [YCT16].

C [Gar05, LL15]. **C-based** [RSB⁺09]. **Cache** [AHM19, ANARR⁺19, AB15, BHD15, CHK⁺14a, CR14, CBRZ19, Cul13, CMP17, DLD⁺19, GWZ16, JLSP18, JLW⁺15, KR18, Kwo16, LPB06, MSHS19, NS16, NS17, NYH⁺20, QZXO14, RP10, SRG⁺15, VGN18, WMGR12, WZJ⁺18, ZW17, BGD14, BP05, BO13, GRVD12, GLYY14, HKVI05, KVK⁺03, LKW02, RG13, SE07, VLX07, WAD14, ZVL04, ZVN05, ZKKC05, ZTRC03, UAK⁺03]. **Cache-Based** [Kwo16]. **Cache-Partitioned** [GWZ16]. **Cache-Related** [CR14]. **Caches** [CR14, KJK⁺17b, KRS⁺16, SMR15, TTA⁺20, GRCV03, LM13, TM07, YZ08, YFPJ14]. **caching** [GGI13, UAK⁺03]. **CaffePresso** [HSK18]. **calculation** [ZHCY13]. **calculations** [VLX07]. **Calculi** [BGRV15]. **Calculus** [SCG15]. **Calibration** [WJ17, TXL⁺12]. **Call** [SN10]. **calls** [KMB07, KASD07]. **CAM** [DEG11]. **camera** [BDP⁺13, SCF12]. **camera-based** [SCF12]. **cameras** [DZR09, LWK⁺10]. **CAMsure** [RSK17]. **Can** [YGD⁺19, GMVV17, PS19, SKH⁺12, XZK⁺19]. **Cancer** [PCC17, CCC⁺14]. **CAPA'08** [PBP09a, PBP09b]. **CAPA'09** [Pla12]. **capable** [PMM⁺13]. **capacity** [WBS10]. **Capping** [PHDL18]. **Captured** [CMP17]. **car** [SCF12]. **Card** [SCRY16]. **Cardiac** [AAM⁺17]. **Cards** [BSJ15]. **care** [BDP⁺13]. **Career** [Shu18a]. **Carnegie** [KCG⁺05]. **carrier** [AAPN14]. **Carry** [GWM16]. **CASCADE** [WLK⁺19]. **Case** [LOF20, MKE18, MFG17, NS16, WZ12, DEG11, FKS⁺19, KT14, LHM14, MSS⁺03, SKW⁺07, SPK⁺12, VJD⁺07, VDK⁺08, WEE⁺08, YF19, YZ08]. **Cash** [SBR⁺15]. **Catching** [SXH⁺19]. **Causality** [ZL08]. **Cause** [DVCC19]. **Cause-Effect** [DVCC19]. **causing** [LLP⁺17]. **CCATB** [PDBR08]. **CDMA** [PGR16]. **CDMA-Based** [PGR16]. **Cell** [JNI15, YTL⁺20, PJJ⁺17, SPK⁺12, HLLL12]. **center** [BDP⁺13]. **Centric** [HTC⁺16, LLLT08, LLTL09]. **Certificateless** [ZSY19]. **Certificates** [BP12, HCL⁺17]. **CéU** [SIR⁺17]. **CFI** [HDZL20]. **CGPredict** [WZM17]. **CGRA** [WLK⁺19]. **CGRAs** [KKL⁺16, PJS15]. **Chains**

[DVCC19, SE17, Shu16a, Shu17b, SWL07]. **Chains-Risks** [Shu17b]. **Challenge** [Shu19b]. **Challenges** [RRM16, DPP14, HKP08, RRRKH04]. **Challenging** [GLYY14]. **Chambolle** [BRA⁺16]. **Change** [SDMK19]. **Channel** [BTL⁺12, GW15, GWM16, MM16, PX18, SLS⁺19, ZLSQ17, CW14]. **Channel-RAID5** [PX18]. **Channels** [GAG15]. **Characteristics** [JLSP18]. **Characterization** [VGB19]. **characterization** [SBLM13]. **Charge** [WDM17]. **Charge-Trapping** [WDM17]. **Chargers** [LFHS18]. **Charging** [LZS⁺18]. **Checking** [RJS19, SUS⁺17, WZ12, CJMB05, Sch10, ZS05]. **checks** [BCS⁺06]. **Chimp** [AZHC19]. **Chip** [BCHB18, CPC17, DLPK16, DJS16, FLF17, FC16, GIB⁺12, KS18, LLG⁺20, MST⁺16, PSZ12a, PRK15, PGR16, SIC19, SR19, VKDG19, WRKG16, AKB14, BP14, BGD14, BD14, CP13a, CHK14b, LJ14, GMOB13, GNR⁺10, HXZ⁺13, HQB06, Hüb13, ISTE08, KYHY14, KGR12, LQN⁺13, PL10, PS10, SRM⁺13, SJRS⁺13b, SJC⁺03, SAYN09, TSBY13, VNK⁺03, WYJ⁺14, WMZY13, XWHC06, YFPJ14, YZA13, ZRZ⁺19, SSS11]. **chip-multiprocessor** [PS10]. **chip-multiprocessors** [BD14]. **Chip-to-World** [SIC19]. **Chips** [LX12, PL13, VKDG19]. **Cipher** [FXP⁺17]. **Ciphers** [KPC⁺16, LCLW17, SJLK18]. **Circuit** [MCSW12, LLL14, ZBCM09]. **Circuits** [ETBK19, LEPP13, SWK19, SBLM13]. **class** [BCLN13, WBF⁺06]. **Classes** [LLN09, MAKO19]. **Classification** [SRA12, LCH⁺08]. **classifier** [SM13a]. **Classifiers** [ORA16]. **Classifying** [TKD07]. **Clients** [GAG15]. **Climate** [VA18]. **Clinically** [FSVG19]. **Clinically-robust** [FSVG19]. **Clocks** [HTR⁺16]. **Closed** [DEG11, NZCS19, PQA⁺19]. **Closed-Loop** [NZCS19, PQA⁺19, DEG11]. **Cloud** [GQC⁺17, LMW⁺17]. **Cluster** [NGL17]. **Clustered** [BSA17, DS11, SWX17, BvB13]. **Clustering** [LYY⁺17]. **Clusters** [XZK⁺19]. **CMP** [FS14]. **CNN** [MFG17, XDL⁺18, ZRZ⁺19]. **CNN-Based** [XDL⁺18]. **CNNs** [CDX⁺19, ZDTM19]. **Co** [LFHS18, MBR15, TBG⁺17, YCK⁺18, JBN⁺13, ST05]. **Co-Deployment** [LFHS18]. **co-design** [ST05]. **co-exploration** [JBN⁺13]. **Co-optimisation** [YCK⁺18]. **Co-Processor** [MBR15]. **Co-Scheduling** [TBG⁺17]. **Coalescing** [SR12a, AP09, KG05, OOAL06]. **Coarse** [LCD18, VNK⁺03]. **Coarse-Grained** [LCD18, VNK⁺03]. **Code** [CI17, EK12, HDZL20, HYY⁺15, KBS17, KD08, LFC17, LBS15, LZJ⁺19, MBFT09, OSF19, SEB12, TP19, ZXS03, BAR13c, BSB14, CKIR06, CLR05, ELS08, FRRJ07, GRVD12, LLPM07, LSK⁺08, LCS03, NP04, TBG⁺13, YW13, ZMB03]. **Code-Inherent** [OSF19]. **Code-Level** [TP19]. **Code-Reuse** [HDZL20]. **code-size** [NP04, ZMB03]. **Coded** [ANARR⁺19]. **Codes** [MBR15, LJ14]. **Coding** [FS13, PJWY12, KJRG13]. **Coexploration** [KKD⁺12, MMD04]. **Cognitive** [HZGW18, XLY18]. **Coherence** [CMP17, LPB06, YFPJ14]. **Coherent** [PRSV19]. **Collaborative** [AMCM06, HB16, KCCW17, LLG⁺20, CHTC07, ZHM⁺14]. **Collaborativeness** [LZJ17]. **Collection** [CLL16, CBS19, KSY17, LLW⁺17, CKL04, CW14, CSK⁺02, DKAL05, SP10]. **collision** [WYL⁺19]. **ColLoc** [ZHM⁺14]. **coloring** [LXK10]. **Combating** [DBFH14]. **combination** [CHK14b]. **Combinatorial** [PYJL15]. **Combining** [GRVD12, Mos13, RBNM19, VGN18, ZS05]. **Coming** [SOG15]. **Comment** [BLG⁺15]. **commodity** [WP11]. **Communication** [APRC16, AZHC19, BHAC15, BLSM19, CCM17, CGZ18, FND⁺16, HYY⁺15,

LAZ⁺16, NGL17, RJM19, TNR17, ZDZ14, GHZH14, ISE10, KASD07, PDBR08, QRB10, SRS03, TKD07].

Communication-Aware [BLSM19].

Communications

[LOD18, PS19, AMN⁺14]. **Compact** [SJLK18, Seo18, TV19, ÖNG08, ZRZ⁺19].

compaction [DVC⁺07]. **Comparative** [GHPP18]. **comparison** [AFL13, MLV09].

Comparisons [BBB16]. **Compensation**

[JR20, SGT⁺13]. **Competing** [LMK⁺18].

Compilation [CHS15, MRA⁺17, JMO14, PGS⁺13, VNK⁺03]. **Compile**

[AC08, NDB09, UDB06]. **Compile-time**

[AC08, UDB06]. **compile-time-unknown** [NDB09]. **Compiled** [RG14, RMD09].

Compiler [DJO12, HLD⁺09, KKC⁺05, KKK⁺11, LJLT17, ZP11, AMCM06, PBV07, UAK⁺03, ZKKC05]. **Compiler-assisted**

[HLD⁺09]. **compiler-based** [ZKKC05].

Compiler-Directed [LJLT17, KKC⁺05].

compiler-enabled [UAK⁺03].

Compiler-Supported [ZP11]. **compilers**

[GM03, LP09a, Sch07]. **Compiling**

[CJ20, LOF20, NP04]. **Complementary**

[WWY13, PB14]. **Complete**

[BLG⁺15, BCLS17, GLT⁺13, XHSS10].

Complex [SE17, STH17, MG05, VHB⁺13].

Complexity [FMSS15, DRL⁺10].

Compliant [DLD⁺19, MWF⁺16].

Component [ASTPH10, CKB17, PW13].

Component-based [ASTPH10, PW13].

Components [GSC19]. **Composing**

[BCC⁺08]. **Composite** [PW13].

Composition [PRSV19]. **Compositional**

[CMS17, ETBK19, SL08, SLFC19, AFL13, DF14, KKH⁺12]. **Compositionality**

[TBG⁺13]. **Comprehension** [CLW⁺20].

Compressed [CLW⁺20, HW17].

Compressing [LCS03]. **Compression**

[BLSM19, JCS⁺17, MCM⁺17, MZG15, ZRZ⁺19, BCS⁺06, KD08, PZ12, YDLC10a, YDLC10b]. **Compressive** [KCCW17].

Computation

[BFL18, CL13, DB19, DP19, RJM19,

CAP⁺07, HMM04, HPLD09, WBS10].

Computational [TBCB15, WLH⁺18].

Computations [LNA⁺15, RMH04b].

Compute [AGG⁺17]. **Computer**

[CD12, FF09]. **Computer-Aided** [CD12].

computers [LP09b, SB08]. **Computing**

[AH13, AAR⁺17, BFW⁺19, BLG⁺15,

DNT18, GLMP18, GQC⁺17, JBI17, KM13,

LMW⁺17, MCP17, PL13, PJWY12,

RHG⁺12, Shu16c, Shu18a, Shu18e, Shu19b,

Shu19c, Shu20a, SP12, TP16, WX17,

YEK17, DKV14, FZJ08, JC03, JGD⁺09,

LS09, MMSN14, MSS⁺03, MB10, PGS⁺13,

PBP09a, PBP09b, TSWL10].

Computing-Based [PJWY12].

Concentration [BCHB18].

Concentration-Resilient [BCHB18].

Concern [Shu18e]. **Concurrency**

[BBM15, CFGM15]. **Concurrent**

[BVM19, GHR15, JZL⁺15, SPB⁺17, JM06].

Conditional [CLJ⁺19]. **Conditions**

[ARS16]. **Conduction** [AAM⁺17].

Conference [DST19]. **Configurable**

[CVG⁺13, LLP⁺17, OP06, PW13, PBP09a,

ZVN05, PBP09b]. **Configuration**

[FC13, GPB⁺17, SL16, SSS11, GRVD12].

Configurations [BCS16, JHPR13].

Configuring [BLG⁺15, BHET04, GLT⁺13,

PBP09a, PBP09b]. **conflict** [ZCK13].

conflict-free [ZCK13]. **Conflicts**

[TGBT17]. **Confluence** [Shu18b].

Conformance [WLT12]. **congestion**

[KYL13]. **congestion-aware** [KYL13].

Connected [RN18, XDL⁺18, Bec09].

connectivity [GDN03, KDN⁺07]. **Conquer**

[CJL17, CWJ17]. **Conservation** [KNL12].

Conserving [MRY⁺10]. **considering**

[ZNS13]. **Consistency** [AbSZ⁺19, LLN⁺14].

consortium [HKLH05]. **Constrained**

[AV20, BSJ15, GLMP18, KKCS16, LWB18,

MFG17, MPFG19, Bar13a, KAK05, LQN⁺13,

LCC⁺19, TSG10, UCK⁺09, WBS10, YRS12].

Constraint

[ZSH⁺19, BvB13, HCQ⁺14, RS07].

Constraints

[CCKM16, LN19, MBKF15, NZCS19, PSZ12a, CCB⁺06, HLD⁺09, KDN⁺07, LSK⁺08, MBFSV07, MEP08, NP04, PAP⁺12, RMM03, SRM⁺13, WRJL06, YRF10].

Constructive [SMR⁺18]. **consumer** [RV07]. **Consumption**

[FLF17, MV16, OBSO16, YCT16, Mus03].

Contactless [QWY⁺18]. **Content**

[CWH⁺16, DLD⁺19, RSK17, TLLL09].

Content-Addressable [RSK17].

Contention

[LES14, LCL⁺19, RDP17, DNNP14].

Contention-Detectable [LCL⁺19].

Contention-free [LES14]. **Contests**

[Shu19b, WXY⁺17]. **Context**

[LS20, WYS⁺13]. **Contextual**

[KH18, KP13]. **Continuing** [Shu17a].

Continuous [DLRTB⁺19]. **Contract**

[LPFL16, PRSV19]. **Contract-Based**

[LPFL16]. **Contracts** [NLSV⁺19]. **Control**

[BMF15, BF17, DSB17, DHL17, GDDD17, GDD20, KKCS16, LJP17, MBP14, MMY⁺19, MBLA16, PP19, PMP17, RJS19, SSD⁺19, SUS⁺17, SPK⁺12, SLFC19, TBCB15, TCD⁺19, TFL16, VA18, WZH13, ZW13, BMM13, BJM13, CAP⁺07, FC13, KKH⁺12, KT14, LK10, MTL14, PCM12, RV07, SWT⁺14, VAHC⁺06, VGG⁺13, ZTRC03].

Control-Flow [DHL17, PMP17, SUS⁺17].

Control-theoretic [SPK⁺12].

control-theoretical [MTL14].

control/data [VAHC⁺06].

control/data-flow [VAHC⁺06].

Controlled

[HFL⁺19, JNI15, WMLM12, YDLC10a].

Controller [GAG15, GMVV17, HDG⁺14, HPP17, NZCS19, ZJZL20, LCQ⁺13].

Controllers

[ARDG16, BF17, BDG⁺15, GHPP18, HKP18, KML13, NPAG12, SVZ13, YF19, KASD07].

Converging [Gar05]. **conversion** [AC08].

convex [SJRS⁺13a]. **Convolution** [AP20].

Convolutional

[AP20, HSK18, MPFG19, NHS20, KSK13].

Cool [UAK⁺03]. **Cool-Cache** [UAK⁺03].

Cooperation [LOD18]. **Cooperative**

[ANARR⁺19, SHL⁺17, ZZX⁺15].

Coordination [PMDC17]. **Coprocessor**

[LRZ16, BZ13]. **coprocessors** [HMMA04].

copy [AP09]. **Core**

[CLJ⁺19, HSMS16, KR18, LKA⁺18, MKD15, PGR16, RC17, RWL⁺18, RJM19, SDBD18, TKV⁺18, TGTT17, VKDG19, VCM19, WHN⁺17, ACK⁺13, CCC⁺14, CLLC17, CMP⁺07, DPP14, DP19, JAD19, LKB14, LOG⁺14, LLR14, LLLT08, LLTL09, LOF20, MG05, Mus10, PMM⁺13, PHG⁺17, RDP17, WBF⁺06, YFPJ14]. **core-centric** [LLLT08, LLTL09]. **Cores** [KRS⁺16, TDD⁺16, TMXS17, TAMS18, VSD⁺17, yCBR05, SM13a]. **Coroutines** [BHXP19]. **Correct** [ARDG16, LPFL16, PB14]. **Correction** [CGSH19, FND⁺16]. **Corrections** [FHB⁺17]. **Correlation** [GW15, TBEP16]. **Correlation-Aware** [TBEP16]. **Correlations** [HC16]. **Cortex** [SOL⁺16]. **Cortex-A9** [SOL⁺16]. **Corunner** [AKD⁺18]. **Corunner-Dependent** [AKD⁺18]. **Coscheduling** [LK10]. **cosimulation** [OP06]. **COSMOS** [PMDC17]. **Cost** [ABC⁺17, BLG⁺15, GAS⁺17, LLZ⁺17, LZZ⁺19, MGLP19, ZO16, CCH13, CRM14, GLT⁺13, Mus10, SJRS⁺13a, SM13b, YFPJ14, ZCK13, ZP09]. **Cost-Effective** [BLG⁺15, GLT⁺13, Mus10]. **Costs** [CGSH19]. **cosupplied** [MKD13]. **cosynthesis** [KBDV08]. **COTS** [PSZ12b]. **Count** [SIC19]. **Counter** [ARP12, MKASJ18, PMAB19]. **Counter-Examples** [PMAB19]. **Counterexample** [LP19]. **countermeasure** [Geb06]. **Course** [Shu17a]. **Coverage** [HSR18, SHK⁺19, YGHS08]. **CPS** [DCZB19]. **CPU**

[BBL09, ISE10, LWB18, OFA⁺¹⁵, PHDL18, RC17, DFC⁺¹⁹, SPB⁺¹⁷]. **CPU/GPU** [OFA⁺¹⁵]. **CPUs** [LSC19]. **Create** [CD12]. **Creating** [YMHB19]. **Creation** [SL16]. **Crenel** [LZL15]. **Crenel-Interval-Based** [LZL15]. **Crisis** [Shu20b]. **Criteria** [SHK⁺¹⁹]. **Critical** [HSR18, IPL16, LS20, RHG⁺¹⁴, Shu15d, ZYL⁺¹⁷, ASTPH10, PJL⁺¹⁴, SVN04]. **Criticality** [AKTM16, GE18, HPP17, HHC^{+16a}, LCP⁺¹⁷, LH18, RC17, TSP15, TGTT17, ZGZ15, ABS⁺¹⁹, FHB⁺¹⁷, HGL14, LDRM12]. **Cropper** [KLK⁺¹⁹]. **Cross** [BDG⁺¹⁵, JCW⁺¹⁶, SRNW16, ZP09, KST⁺¹²]. **Cross-Layer** [BDG⁺¹⁵, JCW⁺¹⁶, ZP09, KST⁺¹²]. **Cross-Section** [SRNW16]. **Crossbar** [JR20]. **Crosstalk** [FC16]. **Crosstalk-Aware** [FC16]. **Crowd** [DBFH14]. **Crowd-Sourced** [DBFH14]. **Cryptographic** [AMKA17, ARH⁺¹⁸, BCHL19, BSJ15, MKAA17, ZSY19, RMH04b]. **Cryptography** [LWHS17, LPO⁺¹⁷, NVB⁺²⁰, SOG15, Seo18, SAKH20, Geb04]. **CS** [KSA⁺¹⁸]. **CS-Based** [KSA⁺¹⁸]. **CSI** [QWY⁺¹⁸]. **CSP** [Gar05, MeI13]. **CUDA** [DLV16, KS13, PGS⁺¹³]. **CURA** [LKH16]. **CURE** [NGL17]. **current** [MG05]. **curriculum** [CSVA⁺⁰⁵, Sev05, SBF⁺⁰⁵]. **Curve** [LWHS17]. **curves** [BSKB⁺⁰⁹, WPW⁺⁰⁴]. **Custom** [KAKSP15, TKG13, HVG13, LSC14, ÖNG08]. **Customizable** [TKV⁺¹⁸]. **customization** [CGV10, PO05, ZP09]. **Customized** [YTL⁺²⁰]. **Cutting** [AR14]. **CV** [PRB15]. **CxDNN** [JR20]. **Cyber** [AFS⁺¹³, BHAC15, BKMG12, CKGN14, DWRR14, DHJ⁺¹⁷, DHF18, GCJD20, HZX15, IPL16, KCC⁺¹⁶, LWZ⁺¹⁶, LLN⁺¹⁴, MBKF15, MKS⁺¹⁷, NLSV⁺¹⁹, PRS⁺¹⁷, SHL⁺¹⁷, Shu16d, Shu17b, Shu19b, Shu19d, SMR20, TGV12, TCD⁺¹⁹, WDY⁺¹⁶, WZBP19, XKK17, ZYM16, ZYL⁺¹⁷, ZJC⁺¹⁷, BWS14, BJM13, DDG⁺¹³, GMOB13, Hüb13, LDRM12, SPK⁺¹², TXL⁺¹², WLT12, YRS12, ZSM13]. **Cyber-Physical** [AFS⁺¹³, BHAC15, BKMG12, CKGN14, DWRR14, DHJ⁺¹⁷, DHF18, GCJD20, HZX15, IPL16, KCC⁺¹⁶, LWZ⁺¹⁶, LLN⁺¹⁴, MBKF15, MKS⁺¹⁷, NLSV⁺¹⁹, PRS⁺¹⁷, SHL⁺¹⁷, Shu19d, TGV12, TCD⁺¹⁹, WDY⁺¹⁶, WZBP19, XKK17, ZJC⁺¹⁷, SMR20, BWS14, DDG⁺¹³, Hüb13, LDRM12, SPK⁺¹², TXL⁺¹², WLT12, YRS12, ZSM13]. **Cyber-Physical-Social** [ZYM16, ZYL⁺¹⁷]. **Cybersecurity** [Shu15a]. **Cycle** [LS12, HHB⁺¹²]. **Cyclo** [DHKS15, SLCS16]. **Cyclo-Static** [DHKS15, SLCS16].

D [HL14, CCY⁺¹³, CLLC17, DSXS⁺¹⁴, HH13, LQN⁺¹³, MSCS16, PRB15, SP19b, SRK⁺¹⁸, WDM17]. **D-PUF** [SRK⁺¹⁸]. **DAG** [BGS⁺¹⁸, CLJ⁺¹⁹]. **Data** [APRC16, AbsZ⁺¹⁹, BGJ17, CJL17, CBS19, DBFH14, FSC⁺¹⁶, GQC⁺¹⁷, GSS⁺¹⁸, HKC18, JRR16, JCS⁺¹⁷, JLW⁺¹⁵, KK05a, KSA⁺¹⁸, LCJ13, LLN⁺¹⁴, LLW⁺¹⁷, LSL20, MM16, MF12, PqBM⁺¹⁵, PM19, PNRC17, RP03, SMW⁺¹⁷, SRG⁺¹⁵, SPC⁺¹⁶, SZL⁺¹⁷, Shu15a, SWWY13, SWWW17, VLX07, WWTSM19, WLK⁺¹⁹, YCK⁺¹⁸, ZZX⁺¹⁵, ZW17, BS13a, CC13a, HBSA04, HKVI05, L XK10, SAYN09, TBG⁺¹³, UAK⁺⁰³, ZKKC05, ZLF13]. **Data-Adaptable** [LSL20, SMW⁺¹⁷]. **Data-Cache** [ZW17]. **Data-Dependent** [HKC18]. **Data-Driven** [BGJ17]. **data-flow** [VAHC⁺⁰⁶]. **Data-to-Memory** [FSC⁺¹⁶]. **Databases** [KCC⁺¹⁶, CH10]. **Dataflow** [ABH⁺¹⁸, ADJM19, DKA⁺¹⁹, DHKS15, DPNA16, ETBK19, KAKSP15, LWB18, MKD15, DFC⁺¹⁹, SLCS16, FZHT13, Gei10]. **datapath** [HMMA04]. **DC4CD** [GLMP18]. **DCA** [KCCW17]. **DCT** [HPLD09]. **Dead** [TM15]. **Deadline** [HQE20, MEP08, SN10]. **Deadlock** [BSV17, HPS13, LX12, WZH13, ZW13, BSV17]. **Deadlock-** [BSV17, BSV17].

Deadlock-/Divergence [BSV17]. **debug** [AKB14]. **Debugger** [MZG14]. **Debugging** [DHF18, FLF17, MBLA16, UM13]. **Decade** [SOG15]. **Decentralized** [BRR19]. **Decision** [CL13]. **Decisions** [PWL⁺19, SPGT19, UDB06]. **Declarative** [OSA⁺18]. **Decoded** [GGI13]. **Decoder** [FS13, SHME13]. **Decoding** [WZD⁺17, LJ14, HE12]. **Decomposition** [ETAV16, KM09, WL09]. **Decompositions** [LPFL16]. **decompression** [CLR05]. **Decoupled** [WLK⁺19]. **Deep** [BLSM19, CMS08, GVS⁺20, JR20, JBDD20, MTWE20, MPFG19, SHK⁺19, TP20, YLDM19]. **DEEPEYE** [CLW⁺20]. **Deeply** [CLW⁺20]. **defect** [LLR14, VSS13]. **defect-tolerant** [LLR14, VSS13]. **defending** [ARJ11]. **Defense** [WDY⁺16]. **Deferred** [DBM⁺15]. **defined** [LJR12]. **deformation** [MMSN14]. **Degradation** [GSC19, RGdZS14]. **deinterleaver** [KSK13]. **Delay** [CCKM16, CR14, KJK18, LLT⁺17, CLK13, GNS04, KAK05]. **Delay-Aware** [KJK18]. **delay-constrained** [KAK05]. **Delays** [RDP17]. **Deletion** [SZL⁺17]. **delivery** [LHX⁺14]. **Demand** [KKK⁺11, ANARR⁺19, WSK14]. **Demonstrated** [CBS19]. **Demystifying** [SUS⁺17]. **Dense** [LMS⁺19]. **Density** [JNI15, YCK⁺18]. **dependability** [CMV10]. **Dependable** [BDP⁺13, Zhu10]. **dependence** [SWL07]. **Dependencies** [CAP15, LCS03]. **Dependency** [SWWW17]. **Dependent** [AKD⁺18, HKC18, ABS⁺19]. **Deploying** [YLDM19]. **Deployment** [LFHS18, RWL⁺18, SRA12, CGV10, ZC04c]. **depth** [KTT13, LYL13]. **Deriving** [WWTSM19]. **description** [MMD04]. **Descriptor** [PRB15]. **Design** [ABL⁺20, AHMT17, ARDG16, AV20, BKMG12, BBM15, BTL⁺12, BHET04, BRL16, DCZB19, DST19, DJJ⁺19, DEG11, DJZ13, DNT18, FSVG19, GLP⁺11, Geb04, GCJD20, HFA⁺14, IT16, JBDD20, JEP16, JBCS16, KJRG13, KB17, KDB19, LS20, Leo18, LEPP13, LMW⁺17, LV09, MSHS19, MFG16, MSCS16, MPZS13, NYH⁺20, NLSV⁺19, OP06, OFA⁺15, PSZ12a, PRSV19, PGR16, PHG⁺17, SWK19, SIR⁺17, SLB⁺15, Shu15d, Shu18e, SPGT19, SMR20, SLFC19, SCS16, SR19, TP19, TSP15, TBAS17, TKL⁺15, VA18, VP16, WWY13, WWG⁺18, WMLA16, YGHS08, ZYM16, ZYL⁺17, ZO16, ARJ08, BGD14, BE10, BMP03, BFQ10, CYKH13, CMS08, CCB⁺06, DPP14, DDG⁺13, DBH14, GLC07, GNR⁺10, HQB07, HMMA04, HHB⁺12, JM06, JBN⁺13, KKO⁺06, KM09, KKH⁺12, LAN06, LSK⁺08, LLN09, LM13, LHM14, MSCJ12, MBFSV07, PGR⁺08, RP03, RSB⁺09, RI04, RAK14]. **design** [SVP05, ST05, STW13, SM13a, WCJ07, XWHC06, ZTRC03, CMP⁺07, RRKH04]. **Design-Level** [TP19]. **Design-space** [MPZS13, BFQ10]. **Design-Space-Exploration** [GCJD20]. **designed** [ZWY⁺10]. **Designing** [BRL16, DQ14, SRM⁺13, VHB⁺13]. **Designs** [CJL17, LN19, HH13]. **desynchronization** [GNP06]. **Detailed** [DLV16, ZLL⁺18]. **Details** [HKP18]. **Detectable** [LCL⁺19]. **Detecting** [CCP⁺19, CMP17, PMP17, HT06]. **Detection** [AMKA17, EVS⁺17, FGL⁺19, HPS13, LX12, LHYQ18, LJLT17, LLP⁺17, LL18, MKAA17, MKASJ18, MAGR15, PCC17, QWY⁺18, SXH⁺19, TMXS17, WDY⁺16, YKK⁺13, ZJZL20, CCC⁺14, HLD⁺09, KLC⁺10, KTT13, LHCK04, MVS⁺13]. **Detector** [TP16]. **Deterministic** [GDA13, SC05]. **Development** [MKMGS18, Mos13, DSW⁺09, PJJ⁺14]. **Device** [ALZR19, CFX17, JCW⁺16, LHYQ18, MM16, SRK⁺18, WXY⁺18, WT15, YTL⁺20, ZSH⁺19, BMM13, NRL13, PJJ⁺14, RV07, RBNM19, SKPL10, SC05]. **Device-Free** [LHYQ18, WXY⁺18].

Device-to-Device [JCW⁺16]. **Devices** [AV20, BKMG12, BRA⁺16, CSCC17, CJL17, CLW⁺20, GLMP18, GAS⁺17, GMCC18, HTR⁺16, HTC⁺16, JRSR17, KKCS16, KNY⁺17, Kwo16, LMA19, LWHS17, LNA⁺15, MFG16, MV16, MFG17, Shu17c, TP19, TP20, WLH16, YJD⁺17, CHCC13, CMS08, LCJ13, NNH⁺14, PSZ12b, RC08, TSWL10]. **DFA** [WH17]. **DFA-Resistant** [WH17]. **Diagnosability** [GHKS15]. **Diagnosis** [GZZ⁺16, AKB14]. **Diagonal** [CKB17]. **Diagrams** [CL13, TFL16]. **didactic** [GT05]. **Dies** [MASG15]. **Different** [HCS18]. **Differential** [FXP⁺17, HVG13]. **Digit** [AJ18, RMH04a]. **digit-serial** [RMH04a]. **Digital** [AYS15, BCHB18, EZL⁺17, HPO⁺15, JMO14]. **Dimensional** [WWTSM19, WL09]. **Direct** [ZP08, LP10, SPK⁺12]. **Directed** [ADJM19, LJLT17, QZXO14, KKC⁺05]. **directions** [HKP08]. **Discovery** [LAZ⁺16]. **Discrete** [KL13, NDZ13, BBL09, TSCC05]. **discrete-time** [TSCC05]. **Discussion** [FHB⁺17]. **DISE** [CLR05]. **Disjunctive** [AGG⁺17]. **disks** [CCH13, CW14]. **Disparity** [LKA⁺18, TKT15]. **Display** [MH19, Dea06]. **Displays** [LKH16]. **dissemination** [KAK05]. **Distance** [CLS16]. **Distill** [MPFG19]. **Distill-Net** [MPFG19]. **Distillation** [MPFG19]. **Distortions** [HCS18]. **distributable** [CRAJ10]. **Distributed** [BHAC15, BWS14, BZG19, BLSM19, CJL17, DVCC19, GLMP18, KSS16, Kha13, LC17, LLW⁺17, REPL15, SLB⁺15, SDBD18, Shu16a, SHQX19, TGV12, TAMS18, YMHB19, BVGVEA10, CRAJ10, JGD⁺09, LWK⁺10, LN04, MSCJ12, PS08b, PEP05, SAHE04, YGHS08, YFPJ14, ZZZ⁺12, ZLF13, ZC04c]. **Disturbance** [YJD⁺17]. **Divergence** [BSV17]. **Diversity** [RN18]. **Divide** [CJL17, CWJ17]. **Divide-and-Conquer** [CJL17, CWJ17]. **DLIC** [GGI13]. **DLSef** [PNRC17]. **DLSpace** [SHQX19]. **dMazeRunner** [DKA⁺19]. **DMR** [LJLT17]. **DMS** [BSA17]. **DMS-Based** [BSA17]. **dMTS** [BSV17]. **DNN** [JSZ⁺19]. **Do** [STH17]. **Does** [RKK15]. **Domain** [CDX⁺19, Shu19b, SXXS⁺16a]. **Domain-Specific** [SXXS⁺16a]. **dominance** [WYJ⁺14]. **door** [SCF12]. **dose** [ZHCY13]. **Dot** [EZL⁺17]. **Downtimeless** [SVZ13]. **DPM** [CHK14b]. **DRAM** [CLLC17, GHPP18, HPP17, HKP18, LO13, PMPP14, SRK⁺18]. **DRAM/PRAM** [LO13]. **Drive** [SYC⁺17]. **Drive-Thru** [SYC⁺17]. **Driven** [BGJ17, FKJM18, GLP⁺11, MKMGS18, WCM⁺16, CHCC13, DRL⁺10, FRRJ07, FKS⁺19, HG09, LP10, PEP05, RSB⁺09, WLH16, BE10]. **driver** [KXL10]. **drivers** [BMM13]. **Dropping** [LCP⁺17]. **DSE** [SPGT19]. **DSP** [FO03, Geb04, KMB07, KGR12, LWB13, ZXS03]. **DSP-embedded** [Geb04]. **DTLS** [TNR17]. **DTLS-Based** [TNR17]. **Dual** [DCZB19, MF12, SLS⁺19, GLWM14, LLPM07, ZP06, VAHC⁺06]. **dual-bank** [ZP06]. **Dual-Channel** [SLS⁺19]. **Dual-Mode** [DCZB19]. **dual-processor** [GLWM14]. **DUE** [LJLT17]. **Durable** [CLL16]. **During** [SPGT19]. **DVFS** [ACK⁺13, CHCC13, CHK14b, YC12]. **DVS** [QH07, ZM07, ZC08]. **dwel** [MLL08]. **DWM** [KY17]. **DWM-Based** [KY17]. **DWMAcc** [CDX⁺19]. **DWT** [PZ12]. **Dylog** [DLH16]. **Dynamic** [CPC17, CLJ⁺19, CRCR13, DLH16, ELS08, GVS⁺20, GE18, GPB⁺17, HLF⁺18, HNY18, IHK04, KAK05, KBS17, KG05, LZL15, LLN⁺14, LLLGR13, MLL⁺17, MSD17, MKE18, NYH⁺20, NPAG12, NZCS19, PqBM⁺15, PNRC17, QWY⁺18, QZXO14, SL16, SKPL10, TBEP16, UDB06, WMGR12, YGW⁺12, ZRF⁺12, ZC04b, ZW17, ASTPH10, ACK⁺13, BCDH12, CRJ10, CLR05, FZHT13, FZJ08, HPLD09, ISG03, KR14, MMR⁺10, NNS13, NSL11, NB04, OMA⁺13, PZ12, SJRS⁺13b, WYJ⁺14,

ZTD⁺06, Zhu10, ZC08]. **Dynamic-Priority** [GE18]. **Dynamical** [GD19]. **Dynamically** [ARDG16, MZG14, GD14, HMMA04, KK05b, LB04, MSL13, VHB⁺13]. **DyPO** [GPB⁺17]. **DyVEDeep** [GVS⁺20].

E-Cash-Toward [SBR⁺15]. **EACAN** [PS19]. **Eager** [CSCC17]. **Earliest** [HQE20]. **Early** [NVB⁺20, RG14, Shu18a, NKP⁺12]. **EAST** [GQC⁺17]. **EAVE** [LDV12]. **ECAx** [CGSH19]. **ECC** [HJ19, ZSH⁺19]. **ECG** [CNC13, GZZ⁺16, MVS⁺13]. **Ecosystem** [YMHB19]. **Ed25519** [TV19]. **EDA** [LAN06]. **EDF** [CHTC07, ZB13, ZM07]. **EDF-scheduled** [ZB13]. **Edge** [RLG20, KTT13, PMM⁺17]. **Edge-TM** [PMM⁺17]. **Editorial** [BBM15, BE10, Bur05, CS16, CJL17, CGZ18, DPP14, DST19, EE16, EH18, FGIS12, FX17, HKP08, IT16, LB04, Leo18, LP09a, MCP17, NKS12, DWCM14, PS14, Pla12, RRM16, Shu14a, Shu14b, Shu15a, Shu15b, Shu15c, Shu15d, Shu16a, Shu16b, Shu16c, Shu16d, Shu17a, Shu17b, Shu17c, Shu18a, Shu18b, Shu18c, Shu18e, Shu18d, Shu19a, Shu19b, Shu19c, Shu19d, Shu20a, Shu20b, VP16, WX17, ZQC16, Gup04, JM06, PBP09a, PBP09b, Sch07, SL04, ST05, Wha07]. **Editors** [HM17]. **education** [KCG⁺05, SVP05, SBF⁺05]. **EEG** [CNC13, MM16]. **Effect** [DVCC19]. **Effective** [BMF15, BLG⁺15, CJL17, LMK⁺18, LWK⁺17, VGN18, GLT⁺13, Mus10]. **Effectiveness** [SUS⁺17]. **Effects** [DJO12, RPHA19]. **Efficiency** [CRCR13, HZH⁺18, OSA⁺18, PC14, PMM⁺17, THA⁺12, YJD⁺17, KVK⁺03, LPFG13, SWL07, SJRS⁺13b, SKPL10, SM13b, TVK08]. **Efficient** [APRC16, AJ18, ADJM19, BRR19, BGS⁺18, CHK⁺14a, CTK⁺13, CI17, CGV10, DCZB19, DLPK16, FGL⁺19, FLF17, GQC⁺17, GSS⁺18, GE18, KW10, KCC⁺16, KASD07, LS12, LL17, LX16, LWHS17, LMW⁺17, LFC17, LBS15, MSR⁺12, MGLP19, MKASJ18, NSL11, NWA12, PP19, PCM⁺15, PGS⁺13, PHDL18, PS19, PLM⁺15, PMP17, PNRC17, RR17, RMH04a, SSD⁺19, SLB⁺15, SK19, SPC⁺16, SP19a, SPB⁺17, SIC19, SWX17, SHQX19, TLL⁺12, TBDdD11, TKT15, VKW⁺17, WCK⁺19, ZLL⁺18, BCLN13, CAP⁺07, yCBR05, DLC⁺14, ESAS14, FZK⁺10, HE12, HQB06, JGD⁺09, KSK13, LAN06, LK10, PO05, QH07, RGSS04, RP10, RMD09, SKW⁺07, SJRS⁺13a, SAYN09, UAK⁺03, WRJL06, WKC07, ZMB03, ZTRC03, ZP08, ZP07, ZC08, KMB07, CH10]. **Effort** [CRCR13, GVS⁺20, MAG⁺13]. **elder** [BDP⁺13]. **elder-care** [BDP⁺13]. **Electric** [VA18]. **Electrode** [EZL⁺17, YCK⁺18]. **elements** [HVG13]. **ELFs** [ZGH⁺19]. **Eliminating** [RRW05]. **Elimination** [FND⁺16]. **Elliptic** [LWHS17, WPW⁺04]. **Elon** [DLC⁺14]. **ELSA** [AV20]. **Embedded** [ALZR19, AB15, ADJM19, BVM19, BD14, BHXP19, BLG⁺15, BP12, BJCHA17, CS16, CKGN14, CJL17, CCC⁺17, CLS16, CFXY17, CQB⁺15, DAHM16, DLH16, DBFH14, DQ14, DJS16, GLP⁺11, GDDD17, Goe14, HKC18, HJ19, HKP18, HSK18, HNY18, IPEP12, JRR16, JLSP18, JLW⁺15, JEP16, JAD19, KE15, KML13, KSP⁺12, KM13, LS20, LDV12, LS12, LMA19, LJP17, LWHS17, LLZ⁺17, LSL20, LL18, MTWE20, MCP17, MGLP19, NBE18, OBSO16, PXY⁺17, PCM⁺15, Pau14, PqBM⁺15, QZXO14, RRM16, RHG⁺14, SLB⁺15, SOG15, SDBD18, Shu14a, Shu14b, Shu15a, Shu15d, Shu16a, Shu16c, Shu16d, Shu18a, Shu18b, Shu18e, Shu19b, Shu19c, Shu19d, Shu20a, SPGT19, SLE⁺17, SVZ13, TDD⁺16, TSP15, TBAS17, TBDdD11, TKL⁺15, VP16, VKW⁺17, WDY⁺16, WZM17, WXY⁺17, WLC⁺18, WX17, YGD⁺17, ZDZ14, ZDTM19, ZSH⁺19, ZQC16, ARJ08, ARJ11, ASTPH10, ABS02, AEF⁺14]. **embedded**

[BYD09, BCDH12, BP05, BE10, BMP03, BMM13, BCS⁺⁰⁶, BMS13, BFQ10, BS13b, CMV10, CSVA⁺⁰⁵, CKL04, CC13a, CSK⁺⁰², yCBR05, CRJ10, CGV10, CVG⁺¹³, DKV14, Dea06, DKAL05, DZR09, DRL⁺¹⁰, ESAS14, FRRJ07, Geb04, Geb06, GGGK08, GNP06, GRCV03, GT05, GGI13, GM03, Gup04, GKW08, HCK⁺⁰⁸, HG09, HFG13, HTLC10, HLD⁺⁰⁹, HXZ⁺¹³, HZX⁺¹⁴, HQB06, HQB07, HKLH05, JC03, JGD⁺⁰⁹, JKH⁺¹³, JHPR13, KVN⁺⁰⁹, KST⁺¹², KBCL13, KCG⁺⁰⁵, KASD07, KD08, KGR12, LB04, LSK⁺⁰⁸, LS13, LOG⁺¹⁴, LP09a, LCJ13, LOXL13, LHM14, MBFSV07, MSB08, MSL13, NRL13, DWCM14, NDB09, NPP13, PCM12, PLKH08, PK13, PAS⁺⁰⁹, PO05, PEP05, RP03, RP11, RV03, RRRK04, RP10, RSB⁺⁰⁹, SVP05, SWL07, Sch07, SAHE04, SMG04, SL04, Sev05, SJC⁺⁰³, ST05, STW13, SVN04, SGDP12, SBF⁺⁰⁵, TRJ05, TSWL10, TSG10, TVK08]. **embedded** [TLLL09, UAK⁺⁰³, VAHC⁺⁰⁶, VS05, VHB⁺¹³, WTSR13, WMT12, WPW⁺⁰⁴, WRJL06, Wu10, WMZY13, XQ07, YDLC10b, ZCS⁺⁰⁵, ZC04b, ZVL04, ZVN05, ZB13, ZMB03, ZP08, ZP09, ZM07, Zhu10, ZP06, ZP07, DEG11, HKP08, Shu18d]. **embedded-system** [BE10]. **embedded/multimedia** [UAK⁺⁰³]. **Embedding** [HHB⁺¹², SWWY13]. **emergency** [KLC⁺¹⁰, WYS⁺¹³]. **Emerging** [ZQC16, SRY13]. **EMG** [WGPH13]. **Emulation** [AAM⁺¹⁷, MRA⁺¹⁷]. **Emulator** [MZG14, WT15]. **Enabled** [DJJ⁺¹⁹, VKDG19, RC08, UAK⁺⁰³]. **Enabling** [BCDH12, DLC⁺¹⁴, JRR16, LYC⁺¹⁸, LCC⁺¹⁹, PM19, QWY⁺¹⁸, SJRS^{+13b}, SDMK19]. **Enciphering** [MKASJ18]. **Encoder** [FS13]. **Encoder/Decoder** [FS13]. **encoding** [SAYN09, THON12, LDV12]. **Encryption** [MSR⁺¹⁷, SXH⁺¹⁹, VOG15, SKW⁺⁰⁷]. **End** [DVCC19]. **End-to-End** [DVCC19]. **Endomicroscopy** [CLS16]. **Endurance** [GMCC18]. **Energy** [ABL⁺²⁰, AHM19, ABD⁺¹⁹, AJ18, AKTM16, ABC⁺¹⁷, AV20, BCLN13, BFW⁺¹⁹, BMAB16, BSA17, BMP03, BTA⁺¹⁹, BGS⁺¹⁸, CHK^{+14a}, CHK14b, CLL⁺¹⁸, DKV14, DAHM16, DJO12, DLPK16, ESAS14, FRRJ07, FS13, FBM16, GDC19, HPBL12, HDG⁺¹⁴, HSR18, HB16, HNY18, HZGW18, HQB06, HZH⁺¹⁸, JBDD20, JRSR17, KE15, KY17, KBDV08, KYDC20, KNL12, LDV12, LS12, LOD18, LYC⁺¹⁸, MLL⁺¹⁷, MSR⁺¹², MGLP19, MKE18, PC14, PCM⁺¹⁵, PMM⁺¹⁷, PJJ⁺¹⁷, PHDL18, PLM⁺¹⁵, QH07, RGSS04, RR17, RV03, RV07, SPC⁺¹⁶, SP19a, SKN17, SPB⁺¹⁷, SVN04, SAYN09, TRJ05, TLL⁺¹², WDJ⁺¹⁸, WRJL06, XLY18, YJD⁺¹⁷, YCT16, YW13, ZO16, ZC08, BZ13, BBL09, CAP⁺⁰⁷, CSK⁺⁰², CLK13, FZJ08, GNW05, Geb06, GGI13, GHZH14, HE12, HLD⁺⁰⁹, KKC⁺⁰⁵, KHZS07, KVK⁺⁰³, KAK05, KDN⁺⁰⁷, LSK⁺⁰⁸, LK10, LWB13, LPFG13, LOXL13, MRY⁺¹⁰, MKD13, PAP⁺¹², RP10]. **energy** [RMM03, SRS03, SKPL10, SJC⁺⁰³, SM13b, SC05, TTAG14, TVK08, UAK⁺⁰³, YK03, ZVN05, ZKKC05, ZTD⁺⁰⁶, ZA07, ZX08, ZP08, Zhu10, CH10]. **Energy-** [FS13]. **Energy-Accuracy** [JBDD20]. **Energy-Aware** [BMAB16, DAHM16, HB16, JRSR17, BMP03, DKV14, KBDV08, YW13, FZJ08, GGI13, SRS03]. **Energy-Constrained** [AV20]. **Energy-Efficient** [AJ18, BGS⁺¹⁸, CHK^{+14a}, DLPK16, LS12, MSR⁺¹², PCM⁺¹⁵, PHDL18, PLM⁺¹⁵, RR17, SPC⁺¹⁶, SP19a, SPB⁺¹⁷, TLL⁺¹², BCLN13, ESAS14, HQB06, SAYN09, WRJL06, ZC08, CAP⁺⁰⁷, HE12, LK10, RP10, ZP08, CH10]. **Energy-Fidelity** [HPBL12]. **Energy-Free** [LYC⁺¹⁸]. **Energy-Harvesting** [ABC⁺¹⁷, HSR18, HZGW18, GHZH14]. **Energy-Neutral** [WDJ⁺¹⁸]. **energy-optimal** [SC05, YK03]. **Energy-optimizing** [FRRJ07].

energy-synchronized [GHZH14].
Energy/QoS [LDV12]. **ENFFiS** [PK13].
Enforcement [PRS⁺17]. **Enforcer** [CD17].
Enforcing [WWY13]. **engine** [TSWL10].
Engineering [BCHL19, PL13, YGW⁺12, DRL⁺10, Sev05, SBF⁺05]. **enhanced** [PK13]. **Enhancement** [CCC⁺17, PRK15, CYKH13, HL14, KD08].
Enhancing [CLK13, OFA⁺15, KK05a].
Ensure [NZCS19]. **Ensuring** [LMA19, WLC⁺18]. **Entanglement** [CD19].
entrant [VWG⁺17]. **Environment** [AARJ12, BRL16, RHG⁺12, TSY⁺16, CSK⁺02, DDG⁺13, HT06, SB08, WCJ07, WTSR13]. **environmentally** [LAHS06].
Environments [BE17, WP11].
EnviroSuite [LAHS06]. **epileptic** [MVS⁺13]. **equation** [HVG13]. **Equations** [WWTSM19]. **Equilibrium** [YMHB19].
Error [BDB⁺17, CGSH19, EZL⁺17, FND⁺16, KKD⁺12, LJLT17, MLR⁺17, MKASJ18, OSA⁺18, PMM⁺17, SK13, SUS⁺17, TP16, WZD⁺17, YC12, HLD⁺09, LDV12].
Error-Aware [KKD⁺12, LDV12].
Error-Recovery [EZL⁺17]. **Errors** [KKL⁺16, KJK⁺17b, LLP⁺17, RJS19, WCM⁺16, YZA13]. **ES-IMS** [KBCL13].
Escape [LS20, SLE⁺17]. **Escapers** [SXH⁺19]. **ESL** [SOL⁺16, WMLA16].
Essential [ZW13]. **Essentiality** [ZTZ⁺19].
Establishment [DL12]. **Esterel** [SMR⁺18, TdS05, YKK⁺13]. **Estimating** [OBSO16]. **Estimation** [CYH20, LKA⁺18, OBA⁺17, PJWY12, RHG⁺12, SOL⁺16, TKT15, WZM17, KKC⁺05, KS13, LSC14, MSL13, ÖNG08].
ESTIMedia'08 [BCEP12]. **ESTIMedia'09** [PCB12]. **ESTIMedia'10** [Edi13].
ESTIMedia'11 [CC14]. **ESTIMedia'12** [CP13b]. **ESTIMedia'13** [PS14].
ESWEEK [EE16, EH18]. **Evaluating** [HABT11, MMS06, SCS16, Shu20b].
Evaluation [BHET04, FHB⁺17, HHC⁺16b, JLS18, LZS⁺18, MCSW12, RG14, SMG04, SSS11, WT15, CLR05, HGL14, KJRG13, LSC14].
Evenly [LC17]. **Event** [HHC⁺16b, JZL⁺15, KL13, MV16, MBLA16, NDZ13, KW10].
Event-Based [JZL⁺15]. **Events** [HSR18, ZH12a]. **everyone** [Shu14a].
everywhere [Shu14a]. **Evolution** [SVZ13].
evolutionary [HMM04]. **Evolve** [RRM16].
Exact [XZK⁺19, YLW15]. **Examples** [PMAB19]. **exascale** [DBH14]. **executables** [DVC⁺07]. **Execute** [WLK⁺19]. **Executing** [DKA⁺19]. **Execution** [AKD⁺18, AARJ12, ABS⁺19, CBRZ19, EVS⁺17, LMA19, MCM⁺17, MZG15, MBLA16, REPL15, RKK15, WWG⁺18, WZ12, HG09, MEP04, WEE⁺08, YZ08].
Execution-Time [EVS⁺17, WEE⁺08].
executions [LES14]. **Exotasks** [ABI⁺09].
Expansion [CKB17, BYD09]. **Experiences** [WYS⁺13, CLK13, CMP⁺07]. **Experiment** [TSY⁺16]. **Experimental** [BHET04].
Explicit [SSD⁺19, WAD14]. **exploitation** [KVN⁺09]. **Exploiting** [CFGM15, FS14, HE12, HC16, NBE18, PXY⁺17, PMM⁺17, SK13, SDMK19, SWWW17, XDL⁺18, ZM07, CLK13, GFC⁺10, ZA07]. **Exploration** [ABL⁺20, BCS16, CDH⁺16, DJJ⁺19, FSC⁺16, FSVG19, GCJD20, KAKSP15, OFA⁺15, PSZ12a, PWL⁺19, SLB⁺15, SXXS⁺16b, WSHC14, BFQ10, CIC⁺08, CIC⁺09, GDN03, JBN⁺13, KGR12, LM13, MPZS13, OP06, PDBR08, SKW⁺07, YCLV⁺02]. **Explore** [CAP15]. **Exploring** [DJO12, IFA⁺16, WSK14]. **Exposing** [HKP18, SWL07]. **Extended** [AJ18, LDV12, WSHC14]. **Extending** [GMCC18, OFA⁺15, YGD⁺19]. **Extension** [PRSV19, MBFT09, RMH04a]. **Extensions** [KRR20]. **Extractor** [XHK16]. **Extremely** [CJL17].
F [MSHS19]. **Factored** [JFK15]. **Factors** [Shu19c]. **Fails** [SZL⁺17]. **Failure**

[BV15, SLS⁺19, TMXS17]. **failures** [CRAJ10]. **Fair** [RPB⁺19, RGSS04]. **Fairness** [CLLC17, GHKS15, RPB⁺19, CJMB05]. **Falsification** [AFS⁺13]. **Family** [MFG16]. **Fast** [AP20, AGG⁺17, CSCC17, CHS15, NS16, PDBR08, YMHB19, YCNCC11, BWS14, LM13, LHCK04, TLLL09, VJD⁺07, VDK⁺08, SAMR06]. **Fault** [AMKA17, BVM19, BHD15, CPC17, DSB17, FXP⁺17, GAS⁺17, IPEP12, LCD18, LCLW17, MKMGS18, MCP17, MKAA17, MAGR15, NDZ13, SA18, SSH14, TMXS17, XKK17, YGD⁺17, AFG08, BGD14, CMV10, JGD⁺09, RMH04b, SHME13, ZC04b]. **fault-tolerance** [AFG08]. **Fault-Tolerant** [BHD15, CPC17, DSB17, IPEP12, MCP17, SA18, SSH14, TMXS17, BGD14, JGD⁺09, RMH04b]. **Faults** [EVS⁺17, VS08]. **Faulty** [BVM19]. **FE** [XHK16]. **FE-SViT** [XHK16]. **Feasibility** [SGW⁺16, YRF10]. **feasible** [LA11, RM10]. **Federated** [TSY⁺16]. **feedback** [KT14, ZM07]. **Feedforward** [YF19]. **Fence** [Shu16b]. **Fencing** [FND⁺16]. **Fetal** [FSVG19]. **FFConv** [AP20]. **Fiat** [VS08]. **Fidelity** [HPBL12]. **FIDES** [ISTE08]. **Field** [NWA12, Shu16b]. **fields** [RMH04a, RMH04b]. **FIFO** [GNW05, TBG⁺17]. **File** [CCC⁺17, KSP⁺12, OBSO16, CWKH12, LS13, PK13]. **file-system-oriented** [CWKH12]. **Filed** [HCS18]. **filling** [BSKB⁺09]. **filter** [CMS08]. **Filtering** [UM13, YYKK18, MSH⁺14, TSG10]. **filters** [CC13b, FF09]. **final** [GGGK08]. **Finding** [VSD⁺17]. **Fine** [DFC⁺19]. **Fine-Grained** [DFC⁺19]. **Fingerprints** [TM15]. **Finite** [CHS15, DQ14, NWA12, ZPZG17, RMH04b]. **Finite-State-Machine** [CHS15]. **Firmware** [MKMGS18, McI13]. **First** [HQE20]. **Fix** [DLV16]. **Fixed** [DBM⁺15, DHL17, LH18, SCM20, SD17, WHN⁺17, ZLL⁺19, AC08, DF14, LA11, QH07, YK03]. **Fixed-point** [SCM20, AC08]. **Fixed-Priority** [DHL17, LH18, LA11, QH07, YK03]. **fixed-priority-scheduled** [DF14]. **Flash** [BDG⁺15, CSCC17, GMCC18, JCS⁺17, JN15, KKK⁺11, KSP⁺12, KNY⁺17, Kwo16, OBSO16, SWJ⁺13, WDM17, WC16, WZD⁺17, CH10, CKL04, CWKH12, CYKH13, LPC⁺07, PCK⁺08, PK13, WKC07, Wu10, JKJ⁺10, MSHS19]. **Flash-Based** [CSCC17, PCK⁺08]. **flash-memory** [CKL04, CWKH12, CYKH13, WKC07]. **FlashKV** [ZLSQ17]. **FlashLight** [KSP⁺12]. **Flaws** [SZL⁺17]. **flexibility** [WSK14]. **Flexible** [BHD15, CC13b, NVB⁺20, PP19, PJJ⁺17, TV19, VWG⁺17, MTL14, ZW10]. **FlexRay** [SKH⁺12, TBEP16]. **FlexWAFE** [DSW⁺09]. **Floating** [MLR⁺17, AC08, DBH14, LYL13]. **floating-** [AC08]. **Floating-point** [MLR⁺17]. **FLoorplan** [SBB19]. **FLORA** [SBB19]. **Flow** [CKB17, DHL17, PMP17, RJS19, SUS⁺17, SPC⁺16, SIC19, VAHC⁺06, CC13a, LMST04, PGR⁺08, RI04, TBG⁺13, WYJ⁺14]. **Flow-Based** [CKB17, SIC19]. **Flow-Layer** [CKB17]. **FlowPaP** [YJD⁺17]. **FlowReR** [YJD⁺17]. **Fluid** [ARS16]. **Fly** [PM19, UM13]. **FMM** [HZH⁺18]. **FMSs** [HPS13]. **Focused** [HPBL12]. **Fog** [AAR⁺17]. **Fog-Assisted** [AAR⁺17]. **footprint** [CDD⁺07, HFG13, PLKH08]. **Forensics** [CFXY17]. **ForEVeR** [PB14]. **Fork** [SGW⁺16]. **Fork-Join** [SGW⁺16]. **Formal** [BGVZ11, CD17, CD10, DST19, DHF18, GDA13, Leo18, MS13b, Mos13, SVZ13, TBFR17, CCB⁺06, HHB⁺12, KST⁺12, PB14, RBS⁺10, BVM19]. **formalism** [Gar05]. **Formalization** [MHT13]. **Formalized** [LFC17]. **Format** [CPP⁺17]. **Format-Independent** [CPP⁺17]. **Forwarding** [HSR18]. **Foundations** [BCHL19]. **FPGA** [AMKA17, AP20, BSKB⁺09, BFST19,

BRA⁺16, CCA⁺13, CCC⁺14, CHS15, CDH⁺16, GZZ⁺16, HJ19, HNY18, HPLD09, HW17, JSZ⁺19, LSC14, LS17, LMS⁺19, MMSN14, MCSW12, MCM⁺17, RPB⁺19, RMK17, DFC⁺19, SB08, SM13a, TV19, WL09, ZBCM09, ZHCY13]. **FPGA-** [MCM⁺17]. **FPGA-Based** [GZZ⁺16, HW17, AP20, CCA⁺13, HPLD09, SB08]. **FPGAs** [DSW⁺09, HVG13, KJRG13, OFA⁺15, PGS⁺13, PAS⁺09, RBNM19, SBB19, SWWW17, WGP04]. **FRAM** [JRSR17]. **Frame** [ESM⁺17, PEP05, SGT⁺13]. **frame-based** [SGT⁺13]. **frames** [NPP13]. **Framework** [BTD⁺18, BRR19, BMF15, BP19, CJ20, DJJ⁺19, DSXS⁺14, GLP⁺11, HFA⁺14, JLSP18, KCWH14, KPC⁺16, KSA⁺18, LKH16, MWF⁺16, PRK15, RMK17, SL16, DFC⁺19, SSH14, SYC⁺17, SXXS⁺16a, SXXS⁺16b, SRA12, VKDG19, XHK16, XKK17, ZDTM19, ARJ11, BWS14, CCR⁺14, DZR09, FZJ08, KKO⁺06, KGR12, LSK⁺08, LAHS06, PO05, RDM06, SJRS⁺13a, SL08, STY⁺14, SGDP12, UAK⁺03, ZW10]. **Frameworks** [TP20]. **Free** [CGZ18, CLJ⁺19, CQB⁺15, LOD18, LYC⁺18, LHYQ18, MFMA17, PGR16, WXY⁺18, WLHC18, CRJ10, HHB⁺05, LES14, RP10, ZCK13, MMY⁺19, MSHS19]. **Frequency** [LOD18, PC14, PHDL18, SOL⁺16, YGW⁺12, SAMR06]. **Frequency-Aware** [SOL⁺16, SAMR06]. **Frequent** [YG02]. **Friendly** [ORA16]. **Front** [CAP15]. **fsync** [CSCC17]. **FTL** [CWKH12, JKJ⁺10, PCK⁺08]. **Fuel** [YTL⁺20, SPK⁺12]. **Fuel-Cell** [YTL⁺20]. **Fully** [XDL⁺18, LPC⁺07]. **fully-associative** [LPC⁺07]. **Function** [KBS17, LZJ⁺19, WWTSM19, SWWY13]. **Function-Level** [KBS17]. **Functional** [CPP⁺17, Fra12, KM09, AKB14, GD14]. **functionality** [PB14]. **Functions** [MFMA17, ZWH⁺16]. **Fusing** [MS13a]. **Fusion** [APRC16, HCS18, IPL16, LLW⁺17, TXL⁺12]. **fusion-based** [TXL⁺12]. **Future** [AYS15, HKP08, SM13b]. **Fuzz** [LZJ⁺19]. **Fuzzy** [MMY⁺19, XHK16, LLLGR13]. **fuzzy-logic-based** [LLLGR13].

gains [BZ13]. **gait** [VAR13]. **Game** [SR12b, WDY⁺16]. **Game-Theoretic** [SR12b]. **Game-Theory-Based** [WDY⁺16]. **Games** [PHDL18]. **Gana** [ZCK13]. **Garbage** [CLL16, KSY17, CKL04, CW14, CSK⁺02, DKAL05, SP10]. **garbage-collection** [CW14]. **Gateway** [XZK⁺19, SKH⁺12]. **Gateway-Integrated** [XZK⁺19]. **GDB** [MZG14]. **general** [GKW08, HVG13, MTL14]. **general-purpose** [GKW08]. **Generating** [BP12]. **Generation** [CMK12, EK12, FKS⁺19, HYY⁺15, LFC17, MCSW12, MZG14, SRK⁺18, ISTE08, ISE10, IBMK10, KM09, LLC⁺13, NNS13, SRY13, TBG⁺13]. **Generators** [MFG16]. **Generic** [BGRV15]. **GENESIS** [DSXS15]. **Genetic** [Ahm13]. **Genomic** [MGLP19]. **Get** [SPGT19]. **Getaway** [SLE⁺17]. **GIS** [MBB⁺15]. **Givens** [SPC⁺16]. **Global** [DBM⁺15, DHL17, PYJL15, ZLL⁺19, BMM13]. **Globally** [YMHB19]. **goal** [SGDP12]. **goal-oriented** [SGDP12]. **Good** [AR14, MASG15, Shu16a]. **Goppa** [MBR15]. **Governing** [HTC⁺16]. **GPGPUs** [WZJ⁺18]. **GPU** [SPB⁺17, CCC⁺14, LJ14, LSC19, LWB18, OBA⁺17, OFA⁺15, PHDL18, RC17, WZM17, YW13, YC16, ZXCH13]. **GPU-like** [LJ14]. **GPU-optimized** [ZXCH13]. **GPUrpc** [IFA⁺16]. **GPUs** [IFA⁺16, LL17]. **graceful** [RGdZS14]. **graduate** [CSVA⁺05]. **Grained** [LCD18, DFC⁺19, VNK⁺03]. **Granularity** [MFG17]. **Graph** [DLPK16, HPS13, LHL⁺19, SGW⁺16]. **Graph-Based** [LHL⁺19]. **graphical** [LCQ⁺13]. **Graphs** [ADJM19, DHKS15,

DP19, KAKSP15, LWB18, MG15, MBLA16, FZHT13, LXK10, TBG⁺¹³, WBS10]. **Grazing** [Shu16b]. **GRec** [DP19]. **Greedy** [CLL16, WMT12]. **Green** [XLY18]. **Green-Energy-Powered** [XLY18]. **Grid** [TSY⁺¹⁶, SGDP12]. **Group** [ALZR19, TNR17]. **Groups** [BMF15]. **GroupSense** [ALZR19]. **GSFAP** [TSG10]. **Guarantee** [NLSV⁺¹⁹, STH17]. **Guaranteed** [ABD⁺¹⁹, LLT⁺¹⁷, TBCB15]. **Guarantees** [HQE20, KT14]. **Guest** [BBM15, CS16, CJL17, CGZ18, DST19, EE16, EH18, FX17, Gup04, IT16, JM06, Leo18, MCP17, PBP09a, PBP09b, RRM16, Sch07, SL04, ST05, Wha07, WX17, ZQC16, HM17]. **Guided** [GDD20, LP19, FKS⁺¹⁹]. **Guidelines** [CSVA⁺⁰⁵]. **GUSTO** [IBMK10].

H.264 [SHME13]. **Hack** [DLV16]. **Half** [SWJ⁺¹³]. **Half-Wits** [SWJ⁺¹³]. **Handheld** [YJD⁺¹⁷, CHCC13]. **handler** [LP10]. **handling** [KW10]. **Hard** [CQB⁺¹⁵, HFA⁺¹⁴, LOF20, OSF19, SP19a, SLCS16, SD17, UBF⁺¹⁶, CRM14, HQE20, PMM⁺¹³, SRM⁺¹³, SC05, YK03, ZZZ⁺¹²]. **Hardness** [SGW⁺¹⁶]. **Hardware** [ARH⁺¹⁸, BVM19, BJCHA17, BRL16, CAP15, GIA11, HT06, HZH⁺¹⁸, JR20, JAD19, KE15, LX12, LLG⁺²⁰, MWS15, MCS⁺¹⁵, ORA16, PRK15, PCM⁺¹⁵, PMDC17, PMP17, PM19, RPHA19, SKKR11, TSY⁺¹⁶, TKT15, UM13, VGG⁺¹³, WCJ07, WRB15, ARJ08, CCB⁺⁰⁶, JM06, KTT13, LOG⁺¹⁴, NSL11, OP06, PZ12, PBP09b, RP11, RI04, SMG04, SB08, SVN04, TTAG14, VS08, DEG11]. **hardware-assisted** [LOG⁺¹⁴]. **Hardware-Based** [UM13, NSL11]. **Hardware-Efficient** [TKT15]. **Hardware-Friendly** [ORA16]. **Hardware-Software** [LLG⁺²⁰, JR20]. **Hardware/software** [WCJ07, ARJ08, SB08, DEG11]. **Hardware/Software-Embedded** [DEG11]. **harmful** [YKK⁺¹³]. **Harmonic** [HSMS16]. **Harmonicity** [WHN⁺¹⁷]. **Harmonicity-Aware** [WHN⁺¹⁷]. **Harnessing** [LKB14]. **HARP** [LKB14]. **HARS** [LOG⁺¹⁴]. **Harvest** [CLL⁺¹⁸]. **Harvesting** [ABD⁺¹⁹, ABC⁺¹⁷, BFW⁺¹⁹, HSR18, HZGW18, KY17, LOD18, MLL⁺¹⁷, PJJ⁺¹⁷, SKN17, GHZH14, KHZS07]. **Hash** [MKAA17, MKASJ18]. **Hash-Based** [MKAA17]. **Hash-Counter-Hash** [MKASJ18]. **Health** [BTA⁺¹⁹, HPBL12, LMW⁺¹⁷, JLSK13, KS10]. **Healthcare** [AAR⁺¹⁷, CD10]. **heap** [BS13a, CH08, BVGVEA10]. **heart** [BJM13]. **Hennessy** [VRF15]. **HESSLE** [MMY⁺¹⁹]. **heterogeneity** [AMN⁺¹⁴]. **Heterogeneous** [AR14, CDH⁺¹⁶, ETAV16, GQC⁺¹⁷, GPB⁺¹⁷, HGW⁺²⁰, KS18, KSA⁺¹⁸, LLW⁺¹⁷, LLZ⁺¹⁷, MG15, MMY⁺¹⁹, PRB15, PqBM⁺¹⁵, PLM⁺¹⁵, QP15, RC17, RN14, SXXS^{+16b}, THA⁺¹², VKW⁺¹⁷, VSD⁺¹⁷, ZDTM19, AP09, BCC⁺⁰⁸, FC13, KBDV08, NBGS09, PGR⁺⁰⁸, VHB⁺¹³, WSK14]. **Heuristic** [FKS⁺¹⁹, KAKSP15, SEB12, VSSS13, YCNCC11]. **Heuristic-guided** [FKS⁺¹⁹]. **Heuristics** [MG15, OMA⁺¹³]. **HiCH** [AAR⁺¹⁷]. **Hidden** [GGJ12]. **hiding** [XHSS10]. **Hierarchical** [AAR⁺¹⁷, DAHM16, GNR⁺¹⁰, MCSW12, TAMS18, AFL13, TBG⁺¹³]. **Hierarchy** [TBG⁺¹⁷]. **High** [BRL16, CCP⁺¹⁹, DLPK16, FLF17, HW17, HZH⁺¹⁸, KCWH14, KPC⁺¹⁶, LWB13, LN19, LCH⁺⁰⁸, LPO⁺¹⁷, MSR⁺¹⁷, NASM18, PCM⁺¹⁵, PMDC17, PGR16, RPHA19, SRG⁺¹⁵, SP12, WLK⁺¹⁹, YDLC10a, YCK⁺¹⁸, ZDTM19, BCLN13, BAR13b, CCA⁺¹³, FO03, KKC⁺⁰⁵, LLC⁺¹³, PGS⁺¹³, PSZ12b, THON12]. **high-accuracy** [PSZ12b]. **High-assurance** [RPHA19]. **High-Density** [YCK⁺¹⁸]. **High-Level** [BRL16, FLF17, KPC⁺¹⁶, LN19, PMDC17, BAR13b, CCA⁺¹³, FO03, KKC⁺⁰⁵].

High-Performance

[DLPK16, KCWH14, LPO⁺17, NASM18, PCM⁺15, PGR16, SRG⁺15, SP12, LWB13, LCH⁺08, YDLC10a, BCLN13, PGS⁺13].

High-Speed [HW17, MSR⁺17, LLC⁺13]. **high-throughput** [THON12].

High-voltage [CCP⁺19]. **Highly** [CHK⁺14a, yCBR05, SPP⁺10, TTAG14, VHB⁺13, ZVN05]. **Hijacking** [FGL⁺19].

History [Shu19d]. **HMAC** [GWM16].

HMAC-SHA256 [GWM16]. **hoc**

[KDN⁺07]. **HOL** [MHT13]. **Holistic**

[OSA⁺18]. **home** [LCQ⁺13].

Homogeneous [NASM18]. **Homomorphic**

[MSR⁺17]. **Honey** [ZGH⁺19]. **Hop**

[GDD20]. **Host** [RG14]. **Host-Compiled**

[RG14]. **HRT** [CQB⁺15]. **Human**

[BTA⁺19, Shu19c, WXY⁺18]. **Humans**

[QWY⁺18]. **HW** [ZDTM19]. **HW/SW**

[ZDTM19]. **Hybrid** [Ahm13, BP14, BF17,

CSW15, CMS17, DSXS⁺14, DB19, HCL⁺17,

JRSR17, JMO14, KCWH14, LP19, LWB18,

LWK⁺17, MM16, MRA⁺17, QP15, RMD09,

SLN⁺16, TSY⁺16, WZJ⁺18, WMLM12,

YTL⁺20, YLW15, ADI06, HZX⁺14, JKJ⁺10,

LMST04, LO13, MLL08, RP11, RS07].

Hybrid-compiled [RMD09].

Hybrid-Mapping [CSW15]. **hyperelliptic**

[WPW⁺04]. **Hyperproperties** [WZBP19].

I/O [CWH⁺16, CCB⁺06, JAD19, MRY⁺10,

SKPL10, SC05]. **IBBE** [SXH⁺19]. **ICE**

[SDBD18]. **ICNN** [NHS20]. **ICS**

[LZJ⁺19, HL14]. **Ideal** [LPO⁺17].

Identification [ZJZL20]. **Identifying**

[BTD⁺18, ZWH⁺16]. **Identity** [SXH⁺19].

Identity-based [SXH⁺19]. **Idle** [LS12].

IEC [YRS12]. **IEC61499** [Kha13]. **IEEE**

[DST19]. **IGOR** [SPGT19]. **II** [PBP09b].

IIR [FF09]. **illegal** [HT06]. **Image**

[CWH⁺16, KLK⁺19, KNL12, PZ12, SCF12,

SRY13, SWWY13]. **Image-Content-Aware**

[CWH⁺16]. **image-media** [SWWY13].

Images [CPP⁺17]. **imaging** [CCC⁺14].

immersive [LAHS06]. **Impact**

[BTL⁺12, GM12, LC17, HHB⁺05]. **Implant**

[PQA⁺19]. **Implementation**

[BSJ15, CD17, CCP⁺19, FHB⁺17, HJ19,

HKP18, HGL14, KY17, LS20, MFG16,

SIR⁺17, Seo18, SPC⁺16, TGTT17, TV19,

CSST08, CLR05, HQB06, KASD07, LV09,

WL09, WKC07, ZXS03]. **Implementations**

[NPAG12, SSD⁺19, SJLK18, ZSH⁺19, DP08,

SM13a, WGP04, YCLV⁺02]. **Implementing**

[AFG08, VOG15, YRS12, ZPZG17].

Implicit [DASS12, CHTC07]. **Important**

[SPGT19]. **impressionist** [SRY13].

Improve [BHD15, RKK15, FS14, RP11].

Improved [SLCS16]. **Improvements**

[BBB16, HHC⁺16b]. **Improving**

[AB15, GMCC18, HLF⁺18, KJKM16, LS17,

SHME13, SC17, TVK08, WZD⁺17, XQ07,

YJD⁺17, AC08, CW14]. **IMS** [KBCL13].

In-memory [YEK17]. **In-Vehicle**

[XZK⁺19, SKH⁺12]. **inActive** [LKB14].

inaugural [Wol02]. **increasing**

[JHK⁺06, SWL07]. **Incremental**

[CJL17, DHKS15, Ise17, NKP⁺12].

Independent [CPP⁺17, HQE20, HBSA04].

Index [KCC⁺16, LCC⁺19]. **indexing**

[PCBW13]. **Individual** [YTL⁺20]. **Indoor**

[TSW⁺17, TM15, TP20]. **Indoors**

[LYC⁺18]. **Inductive** [Ise17]. **Industrial**

[JGX⁺18, UBF⁺16]. **Industry**

[SXH⁺19, Shu18b]. **Inertial**

[FGL⁺19, HCS18, WJ17]. **Inexact**

[BDB⁺17, LEPP13, PL13]. **Infer**

[AGS⁺16, WRB15]. **Inference**

[BLSM19, GDC19, JSZ⁺19, MTWE20,

MFG17, QRB10]. **Information**

[CBRZ19, HDZL20, LMST04, GLWM14,

KTT13, YZA13]. **Infrastructure**

[BLG⁺15, GLT⁺13, JBN⁺13]. **Inherent**

[OSF19, YZA13]. **inheritance** [LLN09].

Initiated [LCL⁺19]. **Injection**

[ARP12, MKMGS18, YGD⁺17, CMV10].

Injections [LCLW17]. **Innovative** [VP16].

Input [RR17]. **Input-Aware** [RR17].

Inputs [DPNA16]. **Installment** [SYC⁺17]. **Instant** [LX12]. **Instantaneous** [MG05]. **Instruction** [AJ18, ARP12, AB15, BCLS17, Fra12, KAKSP15, QZXO14, SWX17, WSHC14, AC08, BP05, GRCV03, KVK⁺03, LSC14, LLPM07, LM13, LXL13, MBFT09, RDM06, RMD09, RAK14, SD13, YZ08]. **Instruction-Cache** [AB15]. **instruction-level** [SD13]. **instruction-set** [AC08, RDM06, RMD09]. **Instructions** [DASS12, NYH⁺20, GGI13, KG05, SBX08]. **Instrumenting** [MZG14]. **Integrated** [EK12, FSC⁺16, GDD20, LSC19, dFMAAdN12, LL18, MSCS16, SXXS⁺16b, XZK⁺19, BvB13]. **Integrating** [GIB⁺12, SPP⁺10]. **Integration** [LWZ⁺16, MHT13, SWL⁺14, CCB⁺06, Dea06, KASD07, NKP⁺12, SD13, WCJ07]. **Integrity** [DBFH14]. **Intel** [CMP⁺07]. **Intelligence** [MFG17, Shu18b]. **Intelligent** [LHL⁺19, Pau14, RMK17, LKW02]. **Intensive** [MLR⁺17, TDD⁺16]. **Interactive** [BC07, LL15, KBCL13, KZH⁺06, LCQ⁺13, PCBW13]. **interconnect** [JP14]. **Interconnection** [SXXS⁺16a]. **Interconnection-Aware** [SXXS⁺16a]. **Interconnects** [CFGM15, RPB⁺19, WMZY13]. **Interface** [SH15, LCQ⁺13]. **interfaces** [NNH⁺14, ZL08]. **Interfacing** [SIC19]. **Interference** [NS16, WZD⁺17, BHM17, RP10]. **interference-free** [RP10]. **Interleaving** [BB13, FSC⁺16]. **Intermediate** [KPK⁺19]. **Intermittent** [MH19]. **Intermittently** [JRSR17, RN18]. **Intermittently-Powered** [JRSR17]. **internal** [CW14]. **International** [DST19]. **Internet** [BCHL19, BHXP19, BGJ17, RRM16, SXH⁺19, Shu15a, SYC⁺17, ZSY19]. **Internet-of-Things** [BGJ17]. **Interpolation** [CLS16]. **interpretation** [RRW05]. **interprocess** [TKD07]. **Interrupt** [FND⁺16, LP10, dFMAAdN12, WCM⁺16]. **Interrupt-Driven** [WCM⁺16, LP10]. **Interrupt-Triggered** [FND⁺16]. **Interrupts** [LMK⁺18]. **Intersection** [LHL⁺19]. **Interval** [LZL15, L XK10]. **Intrinsic** [BFW⁺19, MFMA17]. **Intrinsically** [SRK⁺18]. **Introducing** [SBF⁺05]. **Introduction** [BCHL19, BCEP12, BM13, CP13a, CKGN14, CC14, CP13b, DV13, DSD12, Edi13, FM12, Goe14, GP07, HCK⁺08, HTLC10, Hüb13, JB02, JB03, JLSK13, KS10, KL13, KM13, MS05, PCB12, RHG⁺14, SOG15, STW13, Wol02, Sch07]. **Intrusion** [WDY⁺16, ZJZL20, LHCK04]. **Intrusive** [AARJ12]. **Invariant** [BP12, SC17]. **Invariant-Based** [BP12]. **Invariants** [AGS⁺16, AGG⁺17]. **invasive** [FSVG19]. **inversion** [IBMK10, KHHH14]. **Investigation** [WRB15]. **INVISIOS** [AARJ12]. **Invited** [DSXS15]. **IoT** [ABL⁺20, AAR⁺17, BZG19, BLSM19, CCM17, GAS⁺17, JRSR17, LZZ⁺19, MFG17, MPFG19, PP19, PJJ⁺17, SJLK18, Shu17b, TP19, TNR17, WX17]. **IP** [CCB⁺06, RBNM19, SM13a, TKL⁺15, WCJ07]. **IPs** [BRL16]. **IPSec** [SKW⁺07]. **Irons** [Shu16d]. **ISA** [CYH⁺17]. **islands** [FZHT13]. **Isolation** [AHMT17, RWL⁺18]. **Issue** [BBM15, BCHL19, CS16, CKGN14, CJL17, CGZ18, DST19, DSXS15, EE16, EH18, FX17, Goe14, IT16, KL13, Leo18, MCP17, RHG⁺14, TEC12, VP16, WX17, WSHC14, ZQC16, BM13, DPP14, GM03, Gup04, GP07, HCK⁺08, HTLC10, JC03, KS10, KBCL13, LB04, MS05, DWCM14, PBP09a, Sch07, SL04, ST05, Wol02, PBP09b]. **Issues** [Shu15c, JB02, JB03]. **iSupplemental1** [TEC12]. **Iterational** [XHSS10]. **Iterative** [NHS20, SAHE04, BWS14, PS08a]. **Itself** [Shu16b]. **ITUbee** [FXP⁺17]. **IXP** [LCH⁺08].

Java [ABC⁺07, BVGVEA10, CSK⁺02, CH08, CRAJ10, GW08, HT06, HTLC10, JMO14, KW10, MS13a, PS10, SKKR11, SPP⁺10, TKL⁺15]. **Java-based** [GW08, JMO14]. **Join** [SGW⁺16]. **Joint** [HZGW18, HZX15, LXL13, LYY⁺17, WC16, XLY18]. **JOM** [WC16]. **JPEG** [THON12]. **JSCD** [YC12]. **Jump** [PP12].

Karatsuba [MSR⁺17]. **Kernel** [LL17, WRB15, CDD⁺07]. **Kernel-Level** [WRB15]. **kernels** [PGS⁺13]. **Key** [DL12, PNRC17, Seo18, SAKH20, PS08b]. **Key-Length-Based** [PNRC17]. **knapsack** [YCNC11]. **kNN** [SM13a]. **KNOWME** [TLL⁺12]. **KV** [ZLSQ17].

L24 [SM13b]. **Lab** [BCHB18]. **Lab-on-Chip** [BCHB18]. **Lagrange** [YF19]. **Language** [LFC17, SIR⁺17, MMD04]. **Languages** [LP09a]. **Large** [CJL17, JGX⁺18, MRA⁺17, HHB⁺05, PS08b]. **Large-Scale** [CJL17, JGX⁺18, PS08b]. **LARK** [DS11]. **Last** [KRS⁺16, TTA⁺20, WZJ⁺18]. **Last-Level** [KRS⁺16, WZJ⁺18]. **Latency** [AYS15, HKP18, KSY17, MV16, ABI⁺09, SRM⁺13, XHSS10]. **Latency-Aware** [BZG19]. **Latency-based** [HKP18]. **Latency-Optimized** [AYS15]. **Latent** [VAR13]. **Lattice** [AYS15, BSJ15, HPO⁺15, LPO⁺17, VF17]. **Lattice-Based** [AYS15, BSJ15, HPO⁺15, LPO⁺17]. **Launch** [KJKM16, CLK13]. **Layer** [BDG⁺15, CKB17, JCW⁺16, Kwo16, SKKR11, CYKH13, CCY⁺13, KST⁺12, KXL10, LPC⁺07, PCK⁺08, WKC07, Wu10, ZP09, JKJ⁺10]. **Layers** [AP20, XDL⁺18]. **LCTES** [FX17]. **LCTES'05** [GP07]. **LCTES'11** [DV13]. **LDPC** [LJ14, WZD⁺17]. **Leakage** [CBRZ19, SP19b, CNK04, ZKKC05, ZTD⁺06, ZA07]. **Leaks** [DLV16]. **LEAP** [MSR⁺12].

Learning

[AHM19, AZHC19, BLSM19, KSY17, KCCW17, MTWE20, NYH⁺20, OBA⁺17, ORA16, Pau14, RLG20, SR12b, SKN17, Shu18b, TP20, TCD⁺19, KR14, SBF⁺05]. **Learning-Assisted** [KSY17]. **Learning-based** [AZHC19, TP20]. **Lebesgue** [MHT13]. **Ledgers** [Shu16a]. **Legacy** [SWL⁺14, CCAP12]. **legaSCi** [SWL⁺14]. **LegUp** [CCA⁺13]. **Length** [PNRC17, BAR13b, KD08, PL10]. **Less** [AKTM16, BYD09, PLKH08]. **Level** [BRL16, FLF17, KPC⁺16, KBS17, KRS⁺16, LN19, LMK⁺18, LYH⁺15, MFMA17, MF12, NBM⁺16, PMDC17, SDMK19, TP19, TWTH18, TTA⁺20, WZJ⁺18, WRB15, ZRF⁺12, ZYM16, ZYL⁺17, BAR13b, CCA⁺13, FO03, JBN⁺13, KKC⁺05, KVN⁺09, MSCJ12, MSS⁺03, MSL13, OP06, SGT⁺13, SD08, SD13, VJD⁺07, VDK⁺08, YCLV⁺02]. **leveling** [CCH13, PMPP14]. **Leveraging** [MF13, MMY⁺19]. **LiBrA** [GMVV17, JN15]. **Libraries** [ZGH⁺19, PLKH08]. **Library** [BCC⁺17]. **Licensing** [RBNM19]. **Lifetime** [GM12, SHQX19, LO13]. **light** [ARH⁺18]. **Lightweight** [AMKA17, AARJ12, BDB⁺17, BCHL19, CBS19, DS11, GMVV17, HDZL20, JCS⁺17, KSP⁺12, KRR20, MFG16, SL16, SP19b, ZSY19, ZSH⁺19, ZGH⁺19, PS04]. **like** [BCS16, LJ14]. **Limit** [VSD⁺17]. **Limitations** [MKE18]. **limited** [BS13a, CH08, Wu10]. **LIN** [SKH⁺12]. **Linear** [BF17, GD19, JSZ⁺19, KJRG13]. **Link** [DVC⁺07, KXL10]. **Link-time** [DVC⁺07]. **Linked** [PqBM⁺15]. **links** [QRB10]. **Linux** [BMF15, CDD⁺07, MZG14]. **LiSP** [PS04]. **Live** [FND⁺16]. **Live-Out** [FND⁺16]. **Liveness** [GZ12, WWY13]. **Liveness-Enforcing** [WWY13]. **LLM** [BS13a]. **LMP** [WSK14]. **LMP-based** [WSK14]. **Load** [CWJ17, JBI17, UM13, Mus10, ZP06].

Load-Balancing [CWJ17, Mus10]. **Load-Store** [JBI17]. **load/stores** [ZP06]. **loader** [WBF+06]. **Local** [KAKSP15, LBS15, BS13a]. **locality** [GFC+10, KK05a, YG02]. **Localization** [SHL+17, TP20, ZH12a, BHET04, CTK+13, HHB+05, LLL14, PS08a, PSZ12b, ZH12b, ZC04c]. **Location** [LLT+17, TM15, ZHM+14]. **locations** [PS08a]. **Lock** [CRJ10, PCM+15, SA18]. **Lock-free** [CRJ10]. **Locked** [SMR15]. **Locking** [AB15, DLD+19, QZX014, SWK19, ZW17, VLX07]. **LOCUS** [TKV+18]. **Log** [SHQX19, LPC+07, TSG10]. **Logging** [CSW15, CSCC17, DLH16, GSS+18, MWF+16]. **Logic** [AFS+13, KMP15, KDB19, MKS+17, VRF15, LLLGR13, ETAV16]. **Logic-Based** [ETAV16]. **Long** [GSS+18, JC12, KSY17, DLC+14]. **Long-Tail** [KSY17]. **Long-Term** [GSS+18, JC12, DLC+14]. **Look** [BCC+17, WZH13]. **Look-Ahead** [WZH13]. **Lookup** [RR17]. **Loop** [NZCS19, PQA+19, SFZX18, TWTH18, VGN18, DEG11, GGI13, KVN+09, NNS13, TKD07, XHSS10]. **loop-level** [KVN+09]. **Loop-Oriented** [SFZX18]. **Loops** [DKA+19, EK12, TdS05, TBDdD11, SVN04, ZA07]. **Loosely** [BBB16]. **Lossless** [WCK+19]. **Lossy** [WCK+19]. **Low** [ABL+20, ABC+17, ABI+09, BHD15, BTA+19, GAS+17, JRR16, KYDC20, KSA+18, LMK+18, LZZ+19, NBE18, SWJ+13, SJC+03, SCM20, SR19, TKV+18, YC12, ZRZ+19, BDB+17, CCH13, DBH14, Geb06, GJ13, GRCV03, GLWM14, IHK04, KYHY14, LWB13, NPP13, ÖNG08, RAK14, SJRS+13a, TTAG14, TVK08, ZCK13, ZVN05, ZP09, MSR+12]. **Low-Cost** [ABC+17, GAS+17, LZZ+19, CCH13, SJRS+13a, ZCK13, ZP09]. **Low-energy** [SJC+03, Geb06, LWB13]. **Low-latency** [ABI+09]. **Low-Level** [LMK+18]. **Low-Power** [NBE18, TKV+18, YC12, SCM20, SR19, GJ13, GLWM14, IHK04, KYHY14, NPP13, ÖNG08, RAK14, TVK08]. **Low-Voltage** [SWJ+13]. **Lower** [ZX08]. **LRU** [GLYY14]. **LSTM** [AV20]. **LTE** [AAPN14]. **LTL** [BRR19]. **Lustre** [TSCC05]. **LWE** [NVB+20]. **M2M** [Pau14, RRM16]. **MAC** [BTL+12, CHTC07, GDA13, LCL+19, ZWY+10]. **Machine** [APRC16, AHM19, CHS15, KKCS16, LAZ+16, MFG17, NYH+20, OBA+17, RLG20, Shu18b, ABC+07, CGV10]. **machine-based** [CGV10]. **Machine-to-Machine** [APRC16, KKCS16, LAZ+16]. **Machines** [DQ14, KCWH14, ZPZG17, CH08]. **macromodeling** [LBP07, TRJ05]. **Magnetic** [CPP+17, HCS18, LCC+19]. **Main** [PXY+17, WLWS15, WZJ+18, HXZ+13, PMPP14]. **Maintaining** [LLR14, KDN+07]. **Majority** [NASM18]. **Majority-Based** [NASM18]. **manage** [CRM14]. **Managed** [LBS15]. **Management** [ABD+19, BMF15, CSW15, DAHM16, DSXS15, ESM+17, FBM16, HB16, HNY18, HZX+14, HHC+16a, KNY+17, KBS17, KJK18, KR18, dFMAdN12, LZL15, LL17, LHL+19, MLL+17, MMY+19, PYJL15, Pau14, RC17, RJM19, SKN17, SP19b, TDD+16, TMXS17, TAMS18, VGN18, VCM19, WLWS15, WDM17, WZJ+18, ZP11, AMCM06, ACK+13, BDP+13, BBL09, CCY+13, CH08, ELS08, FZJ08, ISG03, JKH+13, KHZS07, KR14, KXL10, MPZS13, RV03, SGT+13, SRS03, WYS+13, YCNCC11, ZC04b, Zhu10]. **Manager** [DAHM16, CH10]. **Managers** [REPL15]. **Managing** [CRCR13, DRL+10, MLR+17, BS13a]. **manner** [SRY13]. **MANTIS** [MLV09]. **Manual** [LL15]. **Manufacturing** [GM12, VWG+17]. **Many** [CCC+14, CLLC17, JAD19, LKA+18, MKD15,

RWL⁺¹⁸, RJM19, SDBD18, SXXS^{+16a}, SXXS^{+16b}, SXXM⁺¹⁸, TDD⁺¹⁶, TKV⁺¹⁸, TMXS17, TAMS18, VCM19, ACK⁺¹³, DPP14, LKB14, LOG⁺¹⁴, LLR14, YFPJ14]. **Many-Accelerator** [SXXS^{+16a}, SXXS^{+16b}, SXXM⁺¹⁸]. **Many-Core** [LKA⁺¹⁸, MKD15, RWL⁺¹⁸, RJM19, SDBD18, TKV⁺¹⁸, VCM19, CCC⁺¹⁴, CLLC17, JAD19, ACK⁺¹³, DPP14, LKB14, LOG⁺¹⁴, LLR14, YFPJ14]. **Many-Cores** [TDD⁺¹⁶, TMXS17, TAMS18]. **Manycore** [DJJ⁺¹⁹, LLG⁺²⁰, KYL13]. **Map** [TKT15]. **Mapping** [BRA⁺¹⁶, CSW15, CLL16, CPC17, ETAV16, FSC⁺¹⁶, FC16, GIB⁺¹², GAG15, HC16, JRSR17, LX16, MSCS16, NASM18, PJWY12, QP15, SPB⁺¹⁷, TWTH18, WWG⁺¹⁸, ZNS13, DKV14, HH13, LWB13, MEP08, MAG14, OMA⁺¹³, WW09]. **March** [SN10]. **Market** [ZLF13]. **Market-based** [ZLF13]. **Markov** [GGJ12]. **Marriage** [RPHA19]. **mask** [Geb06]. **Masked** [WH17]. **massive** [Edi14, Mus10, ZXCH13]. **Massively** [GLP⁺¹¹, TWTH18]. **Matching** [CYH20, PMP17, LHCK04, TLLL09]. **Matrix** [FKJM18, IBMK10]. **Maximal** [VRF15, HCQ⁺¹⁴]. **Maximally** [WZH13]. **Maximisation** [DCZB19]. **maximization** [HCQ⁺¹⁴]. **Maximizing** [MASG15, RMM03]. **MC** [LCP⁺¹⁷]. **MC-ADAPT** [LCP⁺¹⁷]. **McEliece** [MBR15, VOG15]. **MCUs** [ABL⁺²⁰, JRSR17]. **MDPC** [VOG15]. **Me** [SPGT19]. **Measure** [MHT13]. **Measurement** [FGL⁺¹⁹, ZO16, LYL13]. **Measures** [FKJM18]. **Measuring** [DW10, YGD⁺¹⁹]. **Mechanism** [CAPL11, LCL⁺¹⁹, WC16, CWKH12, RAK14]. **Mechanisms** [AbSZ⁺¹⁹, CJL17]. **Mechanized** [RPHA19]. **media** [HE12, SWWY13]. **Medical** [MS13b, PJJ⁺¹⁴, KLC⁺¹⁰]. **medicine** [WYS⁺¹³]. **MEDiSN** [KLC⁺¹⁰]. **Medium** [KKCS16]. **meet** [SRM⁺¹³]. **meets** [BSKB⁺⁰⁹]. **Mellon** [KCG⁺⁰⁵]. **MEMMU** [BYD09]. **MEMOCODE** [DST19]. **Memories** [CDX⁺¹⁹, PqBM⁺¹⁵, SP19b, SDMK19, WLWS15, BMP03, HXZ⁺¹³]. **Memory** [BLSM19, BCS⁺⁰⁶, BP19, CI17, DPNA16, DKAL05, FLF17, FSC⁺¹⁶, FMSS15, GIB⁺¹², GAG15, GAS⁺¹⁷, HKP18, JRSR17, JLW⁺¹⁵, KKK⁺¹¹, KS13, KJKM16, KNY⁺¹⁷, KBS17, KRR20, LYH⁺¹⁵, LWB18, LBS15, LOF20, MBKF15, MF12, NYH⁺²⁰, NDB09, PXY⁺¹⁷, PP19, PMM⁺¹⁷, PMDC17, RC17, RSK17, SWJ⁺¹³, SSD⁺¹⁹, SR19, TDD⁺¹⁶, TBG⁺¹⁷, TGBT17, VCM19, VKW⁺¹⁷, WDM17, WZJ⁺¹⁸, WC16, YYKK18, ZDZ14, ACK⁺¹³, ABS02, BCLN13, BS13a, BCDH12, Bar13a, BAR13c, CH10, CDD⁺⁰⁷, CKL04, CWKH12, CYKH13, CC13a, CSK⁺⁰², CH08, CVG⁺¹³, ELS08, GDN03, HFG13, HH13, HZX⁺¹⁴, HL14, JB02, JB03, JKH⁺¹³, KYL13, KGR12, LKW02, LO13, L XK10, LXL13, LPB06, MMD04, PLKH08, PK13, PMPP14, RP03, SGT⁺¹³, SE10, SBX08, SJC⁺⁰³, UDB06, UCK⁺⁰⁹, WAD14, WKC07, XHSS10, YDLC10a, YDLC10b, YEK17, ZP08, ZP06, BYD09]. **Memory-** [BLSM19]. **memory-based** [CC13a, HZX⁺¹⁴]. **Memory-Constrained** [LWB18, Bar13a]. **Memory-Efficient** [SSD⁺¹⁹]. **Memory-Intensive** [TDD⁺¹⁶]. **memory-limited** [CH08]. **Memory-Model-Aware** [FMSS15]. **Memristive** [YEK17]. **Memristor** [MCS⁺¹⁵]. **Memristor-Based** [MCS⁺¹⁵]. **mental** [WGPH13]. **Merging** [PRSV19]. **Mesh** [MSCS16, BP14, Bec09, SJRS^{+13a}]. **Mesh-Based** [MSCS16]. **mesh-connected** [Bec09]. **Message** [HM17, KHHH14, LZJ17, XZK⁺¹⁹, LBP07]. **Message-Processing** [XZK⁺¹⁹]. **METEOR** [BP14]. **meters** [Edi14]. **methanol** [SPK⁺¹²]. **Method** [AGS⁺¹⁶, AGG⁺¹⁷, EVS⁺¹⁷, FGL⁺¹⁹,

GW15, SXH⁺¹⁹, CCB⁺⁰⁶, KHHH14, LWB13, LO13]. **Methodologies** [IT16, ST05]. **Methodology** [FSC⁺¹⁶, GDDD17, NYH⁺²⁰, OBSO16, PSZ12a, SK19, TSW⁺¹⁷, TGV12, WWG⁺¹⁸, DEG11, KST⁺¹², LAN06, Shu14b, XWHC06]. **Methods** [DST19, HHC^{+16b}, JR20, KCCW17, Leo18, Mos13, Pau14, VP16, AC08, SHME13, WEE⁺⁰⁸]. **Metric** [GZ12]. **metroII** [DDG⁺¹³]. **Micro** [EZL⁺¹⁷, JC12, MB10]. **Micro-Electrode-Dot-Array** [EZL⁺¹⁷]. **micro-satellite** [MB10]. **Micro-Solar** [JC12]. **Microarchitect** [KJK^{+17b}]. **Microarchitectural** [DJO12]. **microarchitecture** [NB04]. **MicroBlaze** [LV09]. **MicroBlaze-based** [LV09]. **Microcontrollers** [CI17, JRR16, LPO⁺¹⁷, SWJ⁺¹³, YLDM19, Sch10]. **Microfluidic** [BCHB18, CKB17, EZL⁺¹⁷, SIC19]. **Microprocessor** [KE15]. **microprocessors** [RAK14]. **Microsearch** [TSWL10]. **Microserver** [MBB⁺¹⁵]. **microthreaded** [YFPJ14]. **microwave** [CCC⁺¹⁴]. **migration** [LP10]. **Milner** [VRF15]. **Miniaturized** [MVS⁺¹³]. **Minimal** [CL13, SBX08, Edi14, GNW05]. **Minimally** [AARJ12]. **Minimising** [TGBT17]. **Minimization** [HZX15, SIC19, PAP⁺¹², ZX08]. **Minimize** [YCT16]. **Minimizing** [BBL09, LLZ⁺¹⁷, SPDLK⁺¹⁷, ZDZ14, ZW17, GNS04]. **Minimum** [ABD⁺¹⁹, KAK05]. **minimum-energy** [KAK05]. **Mining** [GZZ⁺¹⁶, KDB19, NCJF18, PMAB19, SC17]. **MIPS** [LCS03]. **Mirroring** [PX18]. **Mirroring-Assisted** [PX18]. **Miss** [NS17, MEP08]. **Misses** [ZLL⁺¹⁸]. **Missing** [PMAB19]. **Mitigate** [KSY17]. **Mitigation** [SUS⁺¹⁷]. **Mixed** [AKTM16, ABS⁺¹⁹, CYH⁺¹⁷, FHB⁺¹⁷, GE18, HPP17, HHC^{+16a}, LCP⁺¹⁷, LH18, SSD⁺¹⁹, TSP15, TGTT17, ZGZ15, HGL14, LDRM12]. **Mixed-Criticality** [AKTM16, GE18, HHC^{+16a}, LCP⁺¹⁷, LH18, TSP15, TGTT17, ZGZ15, ABS⁺¹⁹, FHB⁺¹⁷, HGL14, LDRM12]. **Mixed-Precision** [SSD⁺¹⁹]. **Mixture** [BCHB18]. **MLC** [CYKH13, NBE18]. **MLC-based** [CYKH13]. **MLC-PCM** [NBE18]. **MMU** [BYD09, ELS08, PLKH08]. **MMU-less** [BYD09, PLKH08]. **Mobile** [CWH⁺¹⁶, GQC⁺¹⁷, HTC⁺¹⁶, JBDD20, JCS⁺¹⁷, KCJ⁺¹⁶, KJK17a, KJK18, KNL12, LDV12, LKH16, LMW⁺¹⁷, LNA⁺¹⁵, MV16, PX18, PHDL18, SBR⁺¹⁵, Shu17c, TP20, WTSR13, WLH16, XDL⁺¹⁸, YTL⁺²⁰, BO13, CTK⁺¹³, CLK13, FZJ08, ISTE08, ISE10, KSK13, KST⁺¹², LLL14, LCJ13, NNH⁺¹⁴, PK13, RC08, VAR13, WRJL06, WYP⁺¹⁰]. **MobiSense** [WYP⁺¹⁰]. **Modal** [BV15, SH15, WBS10]. **Mode** [ABS⁺¹⁹, DCZB19, JRR16, yCBR05, SR19, ZTRC03]. **Mode-dependent** [ABS⁺¹⁹]. **Model** [ARS16, ARDG16, AAM⁺¹⁷, AAS18, BLSM19, BRL16, FKS⁺¹⁹, FMSS15, GLP⁺¹¹, GGJ12, LC17, LAZ⁺¹⁶, LSL20, MTWE20, MV16, PNRC17, SSD⁺¹⁹, Sch10, SWL⁺¹⁴, SOL⁺¹⁶, TBFR17, TBCB15, WZ12, CJMB05, DRL⁺¹⁰, KKH⁺¹², OMA⁺¹³, PJJ⁺¹⁴, RSB⁺⁰⁹, SL08, WMZY13, ZS05, BE10]. **Model-Based** [ARDG16, BRL16, LSL20, TBFR17, FKS⁺¹⁹, KKH⁺¹², OMA⁺¹³]. **Model-Driven** [GLP⁺¹¹, DRL⁺¹⁰, RSB⁺⁰⁹, BE10]. **Model-Predictive** [TBCB15]. **Modeling** [Fra12, GFC⁺¹⁰, HMM04, KSS16, KE15, KL13, KYDC20, LLLT08, LLTL09, LHL⁺¹⁹, McI13, MKD15, MD04, MAGR15, NKP⁺¹², NDZ13, NBM⁺¹⁶, PJJ⁺¹⁷, RHG⁺¹², ZYM16, ZTZ⁺¹⁹, ASTPH10, MG05, SD08, SPK⁺¹², VJD⁺⁰⁷, VDK⁺⁰⁸, WW09, VAHC⁺⁰⁶]. **Models** [ABH⁺¹⁸, BTD⁺¹⁸, BHM17, CD12, CD19, DST19, HYY⁺¹⁵, IT16, JBDD20, Leo18, LZJ17, MAKO19, PRSV19, PMP17, SBLM13, SGJ17, SGW⁺¹⁶, CC13a, DP08,

HDR⁺06, HVG13, LLC⁺13, ST05, ZMB03]. **Modern** [BMB16, DFC⁺19]. **Modes** [PXY⁺17]. **Modular** [MRA⁺17, TBG⁺13]. **Modularization** [LPFL16]. **Module** [BCS16, ARJ08, PAS⁺09]. **module-based** [PAS⁺09]. **modulo** [SWWY13]. **Molen** [PBV07]. **Momentum** [BFW⁺19]. **Monads** [RPHA19]. **monitor** [MVS⁺13]. **Monitoring** [BRR19, BFST19, Edi14, HHC⁺16b, MBKF15, TLL⁺12, GJ13, GNR⁺10, WYP⁺10]. **Montgomery** [SLN⁺16, SAKH20]. **MOOS** [DJJ⁺19]. **MORPHEUS** [VHB⁺13]. **Motion** [HPBL12, LHQ18, PJWY12, WXY⁺18, YW13]. **Motion-Based** [HPBL12]. **mountain** [VS05]. **Moving** [QWY⁺18]. **MP** [JBN⁺13, YCNCC11]. **MP-SoC** [JBN⁺13, YCNCC11]. **MPPT** [BFW⁺19]. **MPSoC** [CFG15, CMP17, LYH⁺15, LBP07, MBLA16, PAP⁺12, PGR⁺08, TBAS17]. **MPSoCs** [BLG⁺15, AMN⁺14, BMB16, CAP⁺07, GLT⁺13, HHB⁺12, KBDV08, LPB06, MAG14, MASG15, OMA⁺13, QP15, SPB⁺17, TBG⁺17, WWG⁺18, GPB⁺17]. **MPSoCSim** [WRKG16]. **MRAM** [ZBCM09, YJD⁺17]. **MRU** [GLYY14]. **MSP430X** [Seo18, SAKH20]. **MTSS** [MSB08]. **Multi** [ALZR19, ABH⁺18, CH10, CLJ⁺19, DJJ⁺19, DP19, GMS17, GDD20, GIB⁺12, HSMS16, JSZ⁺19, KR18, KRS⁺16, LMS⁺19, LLW⁺17, LOF20, PWL⁺19, PGR16, PHG⁺17, RC17, RDP17, SHL⁺17, SLFC19, TWTH18, TGBT17, TGTT17, VKDG19, VCM19, VF17, WHN⁺17, ZPZG17, yCBR05, ISE10, Mus10, NPP13, PMM⁺13, PÖG⁺13, ZHCY13]. **Multi-Bank** [TGBT17]. **Multi-buffer** [CH10]. **Multi-Core** [CLJ⁺19, HSMS16, KR18, PGR16, RC17, TGTT17, VKDG19, WHN⁺17, DP19, LOF20, PHG⁺17, RDP17, Mus10, PMM⁺13]. **Multi-Cores** [KRS⁺16]. **multi-CPU** [ISE10]. **Multi-Device** [ALZR19]. **Multi-FPGA** [JSZ⁺19, LMS⁺19, ZHCY13]. **multi-frames** [NPP13]. **Multi-Hop** [GDD20]. **Multi-Level** [TWTH18]. **multi-mode** [yCBR05]. **Multi-Objective** [DJJ⁺19, PWL⁺19]. **multi-processor** [PÖG⁺13]. **Multi-Processors** [GIB⁺12]. **Multi-Quadcopter** [SHL⁺17]. **Multi-Rate** [ZPZG17]. **Multi-Representative** [LLW⁺17]. **Multi-Robot** [GMS17, SLFC19]. **Multi-Scale** [ABH⁺18]. **Multi-task** [LOF20]. **Multi-Threaded** [VCM19]. **Multi-valued** [VF17]. **multiapplication** [HT06]. **Multicast** [JCW⁺16]. **Multichannel** [CLL16, GAG15, HC16, ZO16, CCH13, CW14]. **multichoice** [YCNCC11]. **multicluster** [PEP05]. **Multicopy** [CHK⁺14a]. **Multicore** [AbsZ⁺19, BZ13, CPC17, CQB⁺15, ETAV16, EVS⁺17, HGW⁺20, HDG⁺14, HPP17, LLZ⁺17, MSD17, OSA⁺18, PCM⁺15, PLM⁺15, RG14, SMR15, SP19a, THA⁺12, TFL16, UBF⁺16, WZ12, BP14, BS13a, CCR⁺14, HG09, HZX⁺14, HL14, TKG13]. **Multicore-Based** [EVS⁺17, BZ13]. **Multicores** [LBS15, PM19, RKK15, JP14, MPZS13]. **multidimension** [YCNCC11]. **Multidimensional** [APRC16, JBN⁺13]. **multifrequency** [ZWY⁺10]. **MultiLayered** [LNA⁺15]. **Multilevel** [CR14, LN04, ZLLC15]. **Multimedia** [CAPL11, Kwo16, YC12, CLK13, CCAP12, HQB07, IHK04, KBDV08, KBCL13, PK13, PCBW13, QP03, RC08, SRY13, UAK⁺03, WMZY13]. **multimedia-enabled** [RC08]. **Multimodal** [TLL⁺12, AF14]. **Multimode** [AFMT17, JEP16]. **MultiNets** [NNH⁺14]. **Multiple** [MAKO19, PXY⁺17, TBDdD11, WSHC14, HQB06, ISG03, LCS03, MMSN14, NRL13, NNH⁺14, PL10]. **multiple-FPGA** [MMSN14]. **Multiple-Issue** [WSHC14]. **multiple-QoS** [PL10]. **Multiplication** [SAKH20]. **multiplicative** [KHHH14]. **Multiplier** [NWA12]. **Multipliers**

[YF19, RMH04a]. **Multiprocessor** [BGO17, CDH⁺¹⁶, DBM⁺¹⁵, LX16, MG15, WRKG16, CHK14b, DZR09, ESAS14, HQB06, Hüb13, ISTE08, JM06, KKO⁺⁰⁶, LWB13, LES14, LQN⁺¹³, OP06, PS10, SE10, TSBY13, VSSS13]. **Multiprocessors** [AR14, DSB17, PSZ12a, PRK15, PYJL15, RN14, BGD14, Bar13a, BD14, HFG13, HXZ⁺¹³]. **Multirate** [TFL16]. **multisequence** [ZH12b]. **multitask** [CSST08, DP08, MSB08]. **multitasked** [ZP09]. **Multitasking** [NB04, RP10, TM07, WAD14]. **Multithreaded** [HYY⁺¹⁵, KE15, SPDLK⁺¹⁷, ZP11, LCH⁺⁰⁸, LP09b]. **Multithreading** [LRZ16, PJS15, DFC⁺¹⁹]. **Multiumit** [LX12]. **Multiversion** [KCC⁺¹⁶]. **muscle** [WGP13]. **Must** [Shu18e]. **Mutation** [FKS⁺¹⁹]. **Mutation-driven** [FKS⁺¹⁹]. **MxU** [PP19]. **My** [BVM19].

NAND [BDG⁺¹⁵, GMCC18, JN15, MSHS19, PCK⁺⁰⁸, PK13, WC16, WZD⁺¹⁷]. **NAND-Flash** [MSHS19]. **Near** [BCS16, LFHS18, SWT⁺¹⁴]. **Near-Optimal** [LFHS18]. **Near-Static** [BCS16]. **Necessary** [ARS16]. **Need** [Shu18c, STH17]. **Negative** [CLS16]. **Nested** [DKA⁺¹⁹, WYL⁺¹⁹, KMB07, NNS13, TKD07]. **nested-loop** [NNS13, TKD07]. **Net** [DJZ13, LZJ17, MPFG19, YLDM19]. **NetBench** [MMS06]. **Nets** [ACR17, BB13, BB15, CL13, DLRTB⁺¹⁹, JFK15, NDZ13, WZH13, ZW13, VAHC⁺⁰⁶]. **Network** [ANARR⁺¹⁹, CPC17, CLW⁺²⁰, DLPK16, HFL⁺¹⁹, KJK18, LLG⁺²⁰, MST⁺¹⁶, NHS20, PGR16, TLL⁺¹², VKDG19, WCK⁺¹⁹, WRB15, YF19, ZRF⁺¹², ZZX⁺¹⁵, ZJZL20, ZP11, BP14, BFQ10, CP13a, CMS08, GMOB13, HVG13, KJRG13, KYL13, LLLT08, LLTL09, LHCK04, LCH⁺⁰⁸, LLLGR13, LS09, NNH⁺¹⁴, PCM12, TKD07, WYP⁺¹⁰, WYJ⁺¹⁴, WW09, YCLV⁺⁰², YZA13, ZWY⁺¹⁰, MMS06, SSS11]. **network-flow** [WYJ⁺¹⁴]. **Network-Level** [ZRF⁺¹²]. **Network-on-Chip** [DLPK16, LLG⁺²⁰, MST⁺¹⁶, VKDG19, BP14, GMOB13, YZA13, SSS11]. **Network-on-Chip-Based** [CPC17]. **Networked** [DLH16, WLC⁺¹⁸, BWS14, BFQ10, FC13, Gup04, KKH⁺¹², NKP⁺¹²]. **Networking** [LYC⁺¹⁸]. **Networks** [AP20, ANARR⁺¹⁹, AZHC19, ABC⁺¹⁷, BKMG12, BTL⁺¹², DS11, FBM16, FC16, GVS⁺²⁰, GM12, GDD20, GMVV17, GGJ12, HSR18, HSK18, HZGW18, JR20, JBDD20, JGX⁺¹⁸, LFHS18, LAZ⁺¹⁶, MPFG19, MAGR15, RN18, RLG20, SHK⁺¹⁹, TSW⁺¹⁷, XLY18, YLDM19, ZLL⁺¹¹, AKB14, CTK⁺¹³, DLN13, DLC⁺¹⁴, FZK⁺¹⁰, GHZH14, HBSA04, HHB⁺⁰⁵, KHZS07, KAK05, KXL10, KLC⁺¹⁰, KYHY14, KDN⁺⁰⁷, LN04, LAHS06, MLV09, NNS13, PS04, PS08a, PS08b, SRM⁺¹³, SKH⁺¹², SGDP12, WYJ⁺¹⁴, XWHC06, YGHS08, ZL08, ZLF13, ZC04c]. **Networks-on-Chip** [FC16, AKB14, KYHY14, SRM⁺¹³, WYJ⁺¹⁴, XWHC06]. **Neural** [AP20, CLW⁺²⁰, GVS⁺²⁰, HFL⁺¹⁹, JR20, MPFG19, NHS20, SHK⁺¹⁹, WCK⁺¹⁹, YF19, YLDM19, LLL14]. **Neural-Network** [HFL⁺¹⁹, WCK⁺¹⁹]. **Neuromodulation** [PQA⁺¹⁹]. **Neuron** [CCP⁺¹⁹]. **Neutral** [WDJ⁺¹⁸, BFW⁺¹⁹]. **next** [ISTE08, ISE10]. **next-generation** [ISE10]. **NIST** [ZSH⁺¹⁹]. **no** [KHHH14, BVGVEA10]. **No-Heap** [BVGVEA10]. **NoC** [BLG⁺¹⁵, BGD14, CCY⁺¹³, CLLC17, DNNP14, DJJ⁺¹⁹, GLT⁺¹³, LLR14, MSCS16, MKD15, MASG15, NASM18, OMA⁺¹³, PB14, TMXS17, TAMS18, ZCK13]. **NoC-based** [CLLC17, MKD15, TAMS18, BGD14, LLR14, OMA⁺¹³]. **NoC-Based0** [MASG15]. **NoCs** [MAKO19]. **Node** [McI13, SKN17, ZH12a, ZH12b]. **Nodes**

[GSS⁺18, SLS⁺19, ZO16, SGDP12]. **noise** [SBLM13]. **Non** [BHM17, FSVG19, WLWS15, HXZ⁺13]. **Non-interference** [BHM17]. **Non-invasive** [FSVG19]. **Non-volatile** [WLWS15, HXZ⁺13]. **Nonblocking** [SP10]. **noncontact** [CNC13]. **Nonconverging** [BTD⁺18]. **Noninclusive** [CR14]. **nonintrusive** [NSL11]. **Nonlinear** [CMS17, LLL14]. **nonparametric** [GKW08]. **nonrenewable** [MKD13]. **Nonutilization** [LA11]. **Nonvolatile** [MLL⁺17, PXY⁺17, SLS⁺19, HXZ⁺14]. **NOR** [SWJ⁺13]. **normal** [RMH04a]. **Novel** [AAM⁺17, CLS16, EVS⁺17, MCS⁺15, DZR09, NPP13, ZCK13]. **NQA** [WYL⁺19]. **NUCA** [FS14]. **NUCA-based** [FS14]. **Nucleus** [VSD⁺17]. **Number** [Ano13, Ano14, LCLW17, MFG16, MASG15, SRK⁺18, Edi14]. **numbers** [ZXCH13]. **Numerical** [AGG⁺17, ADJM19]. **NVM** [WCK⁺19]. **NVM-Based** [WCK⁺19]. **NWSLite** [GKW08].

O [CWH⁺16, CCB⁺06, JAD19, MRY⁺10, SKPL10, SC05]. **OA** [MM16]. **Object** [GMCC18, KTT13, MMSN14, NPP13]. **Object-Based** [GMCC18]. **Objective** [DJJ⁺19, PWL⁺19]. **Objects** [BVGVEA10]. **Ocarina** [GGGK08]. **Off** [ZRF⁺12, CP13a, CRCR13, CLK13, CGV10, HFG13, OSA⁺18, SD08, SJC⁺03, SAYN09]. **off-board** [CGV10]. **off-chip** [CP13a, SJC⁺03, SAYN09]. **Offs** [IPEP12, MCM⁺17, GFC⁺10, LDV12, SM13b]. **Offset** [OOAL06, SR12a, SEB12, HABT11]. **Oh** [Shu15b]. **OLED** [LKH16]. **omega** [MRT13]. **omega-regular** [MRT13]. **omnidirectional** [SCF12]. **On-Accelerator** [VKW⁺17]. **On-Board** [CPP⁺17]. **on-body** [QRB10]. **On-Chip** [FLF17, PSZ12a, KGR12, YFPJ14, ZRZ⁺19, CP13a, LJ14, PL10, SJRS⁺13b, WMZY13]. **On-demand** [ANARR⁺19]. **On-the-Fly** [PM19, UM13]. **Onboard** [FGL⁺19, BCG10]. **One** [WZH13]. **One-Step** [WZH13]. **Online** [Ano13, Ano14, EVS⁺17, ISG03, KR14, REPL15, VWG⁺17, WXY⁺17, YDLC10b, MSL13, TTAG14, YDLC10a]. **Only** [GW15, BS13a, GDC19]. **OnNetwork** [KJK18]. **onto** [CC13a, DSXS15, OFA⁺15]. **Open** [ZLSQ17, CCA⁺13]. **Open-Channel** [ZLSQ17]. **open-source** [CCA⁺13]. **OpenCL** [SPB⁺17, SXXM⁺18]. **OpenCL-based** [SXXM⁺18]. **operand** [LCS03]. **Operating** [WDJ⁺18, AMCM06, BMM13, FRRJ07, TRJ05, WP11, YDLC10a]. **Operation** [BHD15, WC16, FC13]. **Operational** [SGJ17]. **Operations** [GSC19, VF17, BAR13b, SWWY13]. **Operators** [PRSV19]. **OPLE** [KAKSP15]. **OPPC** [LZS⁺18]. **Opportunistic** [JCW⁺16]. **Opportunities** [Shu17b]. **OPS** [ZCS⁺05]. **Optical** [FC16, LLG⁺20, KYHY14]. **Optimal** [ABD⁺19, GAG15, GPB⁺17, KK05b, LFHS18, LZS⁺18, MBP14, ABS02, CHK14b, GJ13, GNS04, PL10, RV07, SWT⁺14, SC05, YK03]. **optimisation** [YCK⁺18]. **Optimization** [AHM19, CWH⁺16, CCP⁺19, CYH20, DHJ⁺17, DJJ⁺19, DASS12, DHL17, FBM16, GIB⁺12, HZGW18, IPEP12, JBDD20, LKA⁺18, LYH⁺15, LX16, LSL20, MWS15, MFG17, PYJL15, PWL⁺19, PLM⁺15, PMDC17, SR12a, SEB12, SP12, SR19, TSP15, WH17, ZYL⁺17, ZPZG17, ZZZ⁺12, BWS14, BMP03, CHK14b, DVC⁺07, DP08, HZX⁺14, IBMK10, JMO14, KKC⁺05, LXL13, LLLGR13, RP03, SAHE04, SKK⁺14, YGHS08]. **Optimizations** [BSA17, BDG⁺15, DJO12, HYY⁺15, KKK⁺11]. **Optimize** [FLF17]. **Optimized** [ARH⁺18, AYS15, AV20, BRA⁺16, MBR15, JHPR13, ZXCH13]. **Optimizer** [SBB19]. **Optimizing** [BP05, BCG10, MTWE20,

SHQX19, FRRJ07, HMM04]. **Optimum** [SPGT19]. **Optode** [FSVG19]. **Order** [ACR17, BHM17, JLSP18, JBI17, LLC⁺¹³]. **Organized** [TMXS17]. **Oriented** [BKMG12, SFZX18, CWKH12, DRL⁺¹⁰, KK05a, LLN09, SGDP12]. **Oscillators** [SCM20]. **Out-of-Order** [JLSP18, JBI17, LLC⁺¹³]. **Output** [KPK⁺¹⁹]. **Output-based** [KPK⁺¹⁹]. **Outputs** [DPNA16]. **Over-the-Air** [WLH⁺¹⁸]. **Overbooking** [DWRR14]. **Overflowing** [TP20]. **overflow** [BCS⁺⁰⁶, RRW05]. **Overhead** [KSA⁺¹⁸]. **overlapping** [CTK⁺¹³]. **Overlay** [CHS15, DFC⁺¹⁹]. **Overload** [LDRM12]. **overview** [SVP05, WEE⁺⁰⁸]. **Oximetry** [FSVG19].

P [KNY⁺¹⁷, WDM17, WPW⁺⁰⁴, ZSH⁺¹⁹]. **P-256** [ZSH⁺¹⁹]. **P-Alloc** [WDM17]. **P-BMS** [KNY⁺¹⁷]. **PA** [JGX⁺¹⁸]. **Pacemaker** [BJM13]. **Packed** [RLG20]. **Packet** [JGX⁺¹⁸, CMS08, LCH⁺⁰⁸, LS09, Mus10, RGSS04]. **packet-switched** [LS09]. **packing** [PEP05]. **pad** [ABS02, NDB09, UDB06]. **Page** [CLL16, HC16, VKW⁺¹⁷, WLWS15]. **Page-Mapping** [CLL16, HC16]. **Paging** [KKK⁺¹¹]. **pair** [RV07]. **Pairwise** [DL12]. **PAIS** [JP14]. **PALP** [SDMK19]. **Papers** [TEC12, SN10]. **Parallel** [CS16, CD19, DSXS15, GLP⁺¹¹, Goe14, LKA⁺¹⁸, LZJ17, LYY⁺¹⁷, LFC17, PRB15, PJWY12, PÖG⁺¹³, RDP17, SWL⁺¹⁴, SM13a, TWTH18, WMLA16, GNR⁺¹⁰, MMSN14, THON12, WW09]. **Parallelism** [AMN⁺¹⁴, HLF⁺¹⁸, JP14, SDMK19, SM13b, CW14, KVN⁺⁰⁹, MB10, SD13]. **Parallelism-aware** [JP14]. **Parallelization** [HLLL12, LL15, TFL16]. **Parallelized** [KNY⁺¹⁷]. **Parallelizing** [BRA⁺¹⁶, MKR13, UBF⁺¹⁶, ZP06, MSH⁺¹⁴]. **Parameter** [CAP15, LYY⁺¹⁷]. **Parameterizable** [BRL16]. **Parameterized** [Ise17, CMA05]. **Parameters** [DJO12, HKC18]. **Parametric** [ACR17, MMR⁺¹⁰, VGB19]. **Parametrised** [SH15]. **Pareto** [CAP15, GPB⁺¹⁷]. **Pareto-Optimal** [GPB⁺¹⁷]. **parMERASA** [UBF⁺¹⁶]. **Parsimonious** [LEPP13]. **Partial** [ACR17, BHM17, DLV16, HPLD09, LPFG13]. **Partial-Order** [ACR17]. **partially** [CIC⁺⁰⁸, CIC⁺⁰⁹, RI04]. **participatory** [WTSR13]. **Partition** [LYY⁺¹⁷, SDMK19]. **Partition-Level** [SDMK19]. **Partitioned** [DBM⁺¹⁵, GWZ16, HGW⁺²⁰, KVK⁺⁰³, TGTT17, CJMB05, LXL13, SBX08]. **Partitioning** [AbSZ⁺¹⁹, Bar13a, CI17, HSMS16, KAKSP15, SMR15, SPB⁺¹⁷, VGN18, WHN⁺¹⁷, KP13, LXL13, RP10, SVN04, TJ10, XHSS10]. **Partitions** [LC17, SJRS^{+13a}]. **party** [RBNM19]. **Pass** [KKK⁺¹¹]. **Passing** [LZJ17, LBP07]. **Passive** [BSB14]. **passivity** [KKH⁺¹²]. **Path** [FLF17, LZS⁺¹⁸, GNW05, MSH⁺¹⁴]. **Paths** [NS17]. **Pattern** [GDDD17, GDD20, GDN03, KPK⁺¹⁹]. **pattern-based** [GDN03]. **patterns** [GLC07, PÖG⁺¹³]. **Pay** [RBNM19]. **Pay-per-device** [RBNM19]. **Payment** [SYC⁺¹⁷]. **Payments** [SBR⁺¹⁵]. **PCA** [KCCW17]. **PCA/DCA** [KCCW17]. **PCM** [KCC⁺¹⁶, NBE18, YCT16, YYKK18]. **PCM-Based** [KCC⁺¹⁶, YCT16, YYKK18]. **PCMOs** [SBLM13]. **PDA** [GW08]. **Pedestrian** [TM15]. **Perceived** [KJKM16]. **Perfect** [SLE⁺¹⁷]. **Perfectly** [DKA⁺¹⁹]. **perform** [AAPN14]. **Performance** [AB15, BFW⁺¹⁹, BRA⁺¹⁶, BDG⁺¹⁵, DCZB19, DJO12, DLPK16, Fra12, GSC19, GMCC18, IPEP12, JLSP18, KCWH14, LKA⁺¹⁸, LCC⁺¹⁹, LYH⁺¹⁵, LPO⁺¹⁷, MAKO19, MLR⁺¹⁷, NASM18, NZCS19, NBM⁺¹⁶, OBSO16, OBA⁺¹⁷, PCM⁺¹⁵, PGR16, PP12, RG14, RKK15, SRG⁺¹⁵, SP12, WZM17, WT15, WZD⁺¹⁷, YJD⁺¹⁷, ZRF⁺¹², ZLSQ17, ZSJ12, BCLN13, BP05,

BZ13, CMP⁺⁰⁷, HLD⁺⁰⁹, HHB⁺¹², JHK⁺⁰⁶, KS13, KD08, LWB13, LCH⁺⁰⁸, MSL13, PGS⁺¹³, SE10, SM13b, YDLC10a]. **Performance-Maximisation** [DCZB19]. **Performance-Optimized** [BRA⁺¹⁶]. **Performance/Error** [MLR⁺¹⁷]. **Performance/Power** [RKK15]. **performances** [FS14]. **period** [LK10]. **Periodic** [ARS16, LZL15, SD17, HCQ⁺¹⁴, SL08, XQ07]. **Periodically** [WMLM12]. **Permutations** [WZH13]. **Permutaions** [ARH⁺¹⁸]. **Permuted** [RLG20]. **Perpetuu** [MBB⁺¹⁵]. **persistence** [Cul13]. **Persistent** [HTR⁺¹⁶, SXH⁺¹⁹]. **personal** [RC08]. **Personalized** [SKK⁺¹⁴]. **Perspective** [DJS16, KJK^{+17b}, SUS⁺¹⁷, BJM13, WBF⁺⁰⁶]. **pervasive** [CD10, TSWL10]. **Petri** [ACR17, BB13, BB15, CL13, DLRTB⁺¹⁹, DJZ13, JFK15, LZJ17, NDZ13, WZH13, ZW13]. **Phase** [GW15, LH18, MSD17, SDMK19, ZLLC15]. **Phase-Only** [GW15]. **phone** [LLL14]. **Photonic** [PGR16, BP14]. **Photovoltaic** [BCS16]. **Physical** [AFS⁺¹³, ALZR19, BHAC15, BKMG12, CKGN14, DWRR14, DHJ⁺¹⁷, DHF18, GCJD20, HZX15, IPL16, KCC⁺¹⁶, LWZ⁺¹⁶, LLN⁺¹⁴, MBKF15, MKS⁺¹⁷, NRL13, NLSV⁺¹⁹, PRS⁺¹⁷, SHL⁺¹⁷, Shu19d, TGV12, TLL⁺¹², TCD⁺¹⁹, WDY⁺¹⁶, WZBP19, XKK17, ZYM16, ZYL⁺¹⁷, ZJC⁺¹⁷, BWS14, BJM13, DDG⁺¹³, GMOB13, HVG13, Hüb13, LDRM12, SPK⁺¹², SMR20, TXL⁺¹², WLT12, YRS12, ZSM13]. **Physics** [PL13]. **PICA** [LS12]. **Piecewise** [SGJ17]. **Piecewise-Smooth** [SGJ17]. **Pin** [SIC19]. **Pin-Count** [SIC19]. **Pipeline** [HZH⁺¹⁸, MD04]. **Pipelined** [TBDdD11, BAR13b, CAP⁺⁰⁷, HG09, LLC⁺¹³, THON12, ZXS03]. **Placement** [CKB17, DSXS15, MSCS16, NS16, PqBM⁺¹⁵, TP16, WJ17, BSKB⁺⁰⁹, JGD⁺⁰⁹, SBX08]. **Places** [WWY13]. **Planes** [AR14]. **Planetary** [LMS⁺¹⁹]. **Planning** [JFK15, LZS⁺¹⁸]. **Platform** [CPC17, GLMP18, LMA19, MFMA17, PGR⁺⁰⁸, SLB⁺¹⁵, SXXS^{+16b}, TGTT17, YGD⁺¹⁹, ARJ08, AKB14, ISTE08, VHB⁺¹³, ZM07]. **Platform-Based** [SLB⁺¹⁵, PGR⁺⁰⁸]. **Platform-Specific** [LMA19, MFMA17]. **Platforms** [CMP17, DP19, ETAV16, HGW⁺²⁰, JBDD20, LSC19, LKA⁺¹⁸, LWB18, MPFG19, MBLA16, PRB15, SL16, SOG15, TFL16, WHN⁺¹⁷, ACK⁺¹³, CCR⁺¹⁴, JMO14, LLLGR13, MLV09, OP06, SM13b, TSBY13]. **PLTL** [CJMB05]. **PLTL-partitioned** [CJMB05]. **Plug&Chip** [DSXS⁺¹⁴]. **Plugging** [CSW15]. **PMC** [HPP17]. **point** [AC08, DBH14, MLR⁺¹⁷, SCM20]. **Pointer** [SFZX18]. **pointers** [BAR13c]. **Points** [ZLL⁺¹⁹]. **Polar** [LZJ⁺¹⁹]. **policies** [KR14, KBDV08, LA11, RG13]. **policing** [DW10]. **Policy** [HPS13, PYJL15, Mus10]. **Pollution** [SHL⁺¹⁷]. **Poly** [PZ12]. **Poly-DWT** [PZ12]. **Polyhedral** [LP19, NNS13]. **polymorphic** [AVF⁺⁰⁹, PZ12]. **polynomial** [TJ10]. **Portability** [CHS15]. **Portable** [MGLP19, YC12, ABI⁺⁰⁹, ELS08]. **position** [QRB10]. **Post** [AKB14, KKK⁺¹¹, MKAA17, NVB⁺²⁰]. **Post-Pass** [KKK⁺¹¹]. **Post-Quantum** [MKAA17, NVB⁺²⁰]. **Post-silicon** [AKB14]. **postfabrication** [CIC⁺⁰⁸, CIC⁺⁰⁹]. **postural** [QRB10]. **Power** [ABD⁺¹⁹, ARP12, ACK⁺¹³, AZHC19, BFW⁺¹⁹, BDB⁺¹⁷, Bec09, BGO17, HZGW18, JRR16, JC12, JEP16, KHZS07, LKA⁺¹⁸, LZL15, LYH⁺¹⁵, LKH16, LBP07, MLL⁺¹⁷, MV16, MSR⁺¹², MCM⁺¹⁷, NBE18, OBSO16, OMA⁺¹³, PYJL15, Pau14, RKK15, SLB⁺¹⁵, SRS03, SOL⁺¹⁶, SKN17, SR19, SLS⁺¹⁹, TKV⁺¹⁸, XLY18, YGW⁺¹², YC12, ZRF⁺¹², ZRZ⁺¹⁹, ZP07, AMCM06, BO13, CMP⁺⁰⁷, DBH14, Geb04, GJ13, GRCV03, GLWM14, IHK04, ISG03, JC03, JHK⁺⁰⁶, KR14, KXL10,

KYHY14, MSS⁺03, MALM04, MSL13, Mus03, NPP13, ÖNG08, QRB10, RAK14, SWL07, SJRS⁺13b, SCM20, TVK08, VJD⁺07, VDK⁺08, ZC04b, ZTRC03]. **power-attacks** [Geb04]. **Power-Aware** [JEP16, ACK⁺13, AZHC19, OMA⁺13, JC03, MSS⁺03, MALM04]. **Power-Efficient** [SLB⁺15, ZP07]. **Power-mode-aware** [SR19]. **Power-neutral** [BFW⁺19]. **Power-Performance** [ZRF⁺12]. **power-saving** [ISG03]. **power-sensitive** [BO13]. **Power-Temperature** [BGO17]. **Powered** [JRSR17, TSW⁺17, XLY18, MBB⁺15, RV03, YTL⁺20]. **Practical** [BCLS17, HPO⁺15, LC17, PWL⁺19]. **practice** [BSKB⁺09, Cul13]. **PRAM** [LO13, PMPP14]. **Pre** [CIC⁺09]. **Pre-** [CIC⁺09]. **Preaveraging** [GWM16]. **Precedence** [SE17, MBFSV07]. **Precise** [NS16, ZLL⁺18]. **Precision** [SSD⁺19, SE07]. **Precomputation** [HKC18]. **Predicate** [ADI06]. **Predictability** [TSBY13, GLYY14]. **Predictable** [GHPP18, KR18, PP19, PW13, SRG⁺15, TBG⁺17, WWG⁺18, AEF⁺14, WAD14]. **Predicting** [DJO12, JC12]. **Prediction** [KCJ⁺16, NS17, QZXO14, GKW08, HE12]. **Prediction-Directed** [QZXO14]. **Predictive** [RN18, SSD⁺19, TBCB15]. **PredictNcool** [SP19b]. **Predictor** [SP19b, WGPH13, ZA07]. **Preemption** [CR14, DBM⁺15, GWZ16, ZGZ15, ZLL⁺19, ZP09]. **preemptions** [RM10]. **Preemptive** [DSB17, TM07, WAD14]. **Prefabrication** [CIC⁺08]. **Preface** [AL05]. **prefetching** [YZ08, ZP07]. **Preorders** [BSV17]. **Preparation** [BCHB18]. **Presence** [TBDdD11, LHX⁺14, VS08]. **PRESENT** [WH17]. **Preservation** [HSR18]. **Preserving** [ACR17, KLK⁺19, LLT⁺17, CSST08]. **Pretrained** [JBDD20]. **Prevention** [ZW13]. **pricing** [WSK14]. **Primary** [Shu18e]. **Primitive** [MCS⁺15]. **Primitives** [BSJ15, LBP07]. **Principled** [PHG⁺17]. **Prioritizing** [SPGT19]. **Priority** [DBM⁺15, DHL17, GE18, LH18, MBP14, MAKO19, SD17, WHN⁺17, DF14, LA11, MEP08, QH07, YK03, ZZZ⁺12]. **Privacy** [KLK⁺19, KCCW17, LLT⁺17]. **PROARTIS** [CQV⁺13]. **Probabilistic** [AFS⁺13, HQB07, HCL⁺17, KM13, LP19, LEPP13, MHT13, SWJ⁺13, SCG15, TBEP16, WHN⁺17]. **Probabilistically** [CQV⁺13]. **Problem** [SEB12, WEE⁺08, Ahm13]. **problems** [TJ10]. **procedure** [KMB07, KASD07]. **Process** [BGRV15, GM12, MZG14, MAG14, MASG15, WDM17, NNS13, TKD07]. **Process-Variation** [WDM17]. **Process-variation-aware** [MAG14]. **Processes** [LZJ17, PBP09a, PBP09b]. **Processing** [BDB⁺17, MGLP19, MKE18, SWWW17, XZK⁺19, AMN⁺14, BCG⁺07, BCG10, DSW⁺09, GHB13, GJ13, HVG13, PÖG⁺13, SCF12, VGG⁺13, ZH12b, ZLF13, MSR⁺12]. **Processor** [BVM19, KRR20, MLL⁺17, MBR15, MSD17, MMD04, PHG⁺17, SK13, SOL⁺16, SK19, SCS16, TWTH18, TKL⁺15, CCA⁺13, GLWM14, HL14, KGR12, KT14, LK10, LHCK04, LCH⁺08, LV09, MG05, PMM⁺13, PÖG⁺13, ZC04a, LS12]. **processor-based** [KGR12, LHCK04]. **Processor-memory** [MMD04]. **processor/accelerator** [CCA⁺13]. **Processors** [AJ18, GIB⁺12, HLLL12, HTC⁺16, JLSP18, RC17, SJLK18, SCM20, SWX17, TBDdD11, WZ12, YC16, ZP11, BS13a, BO13, BM13, CIC⁺08, CIC⁺09, CC13a, DPP14, Geb04, GGI13, HZX⁺14, JHPR13, KD08, KK05b, LLPM07, LS13, LLLT08, LLTL09, Mus10, ÖNG08, PBV07, PO05, RP11, TLLL09, UAK⁺03, WW09, YW13, ZMB03, ZP06, ZP07, LKB14, MMS06]. **producer** [RV07]. **Profile** [WLH16, BAR13c]. **Profiling** [BP19, FLF17, MSL13, ZLL⁺18, LLLGR13, NSL11, STY⁺14]. **Program**

[AAS18, BVM19, KPK⁺19, OSA⁺18, WZD⁺17, AFG08, MF13].
Programmability [THA⁺12].
Programming [BHXP19, WCK⁺19, ABI⁺09, BWS14, BvB13, BMM13, Gar05, LP09b, LAHS06, POG⁺13, SGDP12].
Programs [AGG⁺17, CJ20, GHR15, KH18, LL15, LLP⁺17, MKR13, SPDLK⁺17, TWTH18, WMRB17, WCM⁺16, AFG08, BSB14, CSST08, CC13b, GNP06, KS13, NNS13, TKD07]. **Progress** [BHAC15].
Proof [MS13b]. **Proof-Based** [MS13b].
Propagate [GWM16]. **Propagation** [HLLL12, RS07]. **propagation-based** [RS07]. **Properties** [BFST19, BBDR12, GZ12, CMA05].
property [KM09]. **Protecting** [KJK⁺17b, LMW⁺17]. **Protection** [YC12, BCS⁺06]. **Protocol** [AZHC19, CCM17, CBS19, GDA13, KYDC20, LZJ⁺19, ZSY19, CHTC07, KASD07, PS04, YFPJ14].
Protocols [EZL⁺17]. **prototype** [GGGK08]. **Prototyping** [CS16, DSXS⁺14, Goe14, KPC⁺16, SXXM⁺18]. **Provably** [AR14]. **Providing** [DLN13, KS18, LHX⁺14]. **provisioning** [LDRM12]. **Proximity** [LNA⁺15]. **prune** [DNNP14]. **Pruned** [RLG20].
Pruned-Permuted-Packed [RLG20].
Pruning [SC05]. **Pruning-based** [SC05].
Pseudorandom [MFG16]. **Psi** [BGRV15].
Psi-Calculi [BGRV15]. **PTAT** [ZLL⁺18].
Public [Seo18, SAKH20, Shu16a].
Public-Key [Seo18]. **PUF** [CCKM16, CCM17, RBNM19, SRK⁺18].
PUF-Based [CCM17]. **PUFs** [LZZ⁺19, ZTZ⁺19]. **purpose** [GKW08]. **PV** [PJL⁺17]. **PV-cell** [PJL⁺17]. **Python** [LHM14].
QC [VOG15]. **QEMU** [MZG14]. **qLUT** [RR17]. **QoS** [LDV12, PL10, RJM19, ZLL⁺11]. **QR** [WL09]. **QRD** [SPC⁺16]. **Quadcopter** [SHL⁺17]. **Quadratic** [AGS⁺16, AGG⁺17].
Quality [BZG19, CLL⁺18, CYH20, CRCR13, LKH16, MST⁺16].
Quality-of-Service [MST⁺16].
Quality-Retaining [LKH16].
Quality/Latency [BZG19].
Quality/Latency-Aware [BZG19].
Quantifying [CBRZ19]. **Quantitative** [SD08, SR12b]. **Quantized** [RR17].
Quantum [MKAA17, SWK19, NVB⁺20].
quasi [FZHT13]. **quasi-static** [FZHT13].
Quasistatic [PLKH08]. **query** [WTSR13].
Queue [JBI17]. **Queues** [GHR15]. **queuing** [RGSS04].
radar [BCG⁺07]. **radiation** [ZHCY13].
Radio [HZGW18, LOD18, SRA12, XLY18, ZLL⁺11, KXL10, LJR12]. **Radio-Agnostic** [ZLL⁺11]. **radiotherapy** [ZXCH13]. **RAID** [GIA11]. **RAID5** [PX18]. **RAIDs** [BD14].
RAIDs-on-chip [BD14]. **Random** [SRK⁺18, KJRG13]. **Randomized** [ARP12].
Range [HHB⁺05]. **Range-free** [HHB⁺05].
ranging [PSZ12b]. **Rapid** [DSXS⁺14, HSR18, KPC⁺16, LSC14, LP10, ZP09].
RapidIO [BCG⁺07, BCG10]. **RapidRadio** [SRA12]. **Rare** [HSR18]. **Rasterization** [OBA⁺17]. **Rate** [AFMT17, ESM⁺17, SLS⁺19, ZPZG17, BJM13, GNP06, SWT⁺14]. **ratio** [MEP08].
ray [ZXCH13]. **rays** [ZXCH13]. **RCML** [RHG⁺12]. **Re** [LLW⁺17, Shu20b, VWG⁺17].
Re-evaluating [Shu20b]. **Re-Fusion** [LLW⁺17]. **Reachability** [BF17, BB13, FKJM18, HFL⁺19, JBCS16, MG15, ADI06].
Reachable [DB19, GD19]. **ReachNN** [HFL⁺19]. **Reactive** [JZL⁺15, Mos13, BCC⁺08, CJMB05, GNP06].
Read [YJD⁺17, YCK⁺18]. **Read-Out** [YCK⁺18]. **Reads** [PM19]. **READY** [DFC⁺19]. **Real** [ARS16, AbSZ⁺19, AYS15, BMAB16, BZG19, BFST19, BE17, BGS⁺18, CQV⁺13, CKL04, CKGN14, CLS16,

CQB⁺¹⁵, DLRTB⁺¹⁹, DHL17, DJZ13, FBM16, GAG15, GZZ⁺¹⁶, GE18, HQE20, HGW⁺²⁰, HSMS16, HFA⁺¹⁴, HHC^{+16b}, JSZ⁺¹⁹, JAD19, JGX⁺¹⁸, JBCS16, KSS16, KR18, KB17, LN19, dFMA_dN12, LZL15, LX16, LOF20, MM16, MZG15, OSF19, Pau14, PNRC17, RG14, RMK17, SCG15, SMR15, SE10, SP19a, SLCS16, SCS16, SLE⁺¹⁷, SGW⁺¹⁶, SD17, TSP15, TKT15, UBF⁺¹⁶, WDJ⁺¹⁸, WMGR12, WHN⁺¹⁷, ZDZ14, ZPZG17, ZJC⁺¹⁷, ZSJ12, AMCM06, AF14, AFL13, ABC⁺⁰⁷, ABI⁺⁰⁹, AFG08, BVGV_{EA}10, BBL09, CMV10, CHK14b, CRJ10, CRM14, CHTC07, CCAP12, CRAJ10, DF14, DSW⁺⁰⁹, DW10, GNW05, HT06, HTLC10, HHB⁺¹², HCQ⁺¹⁴, KBDV08, KW10, KTT13, LSK⁺⁰⁸, LES14, LQN⁺¹³, LLR14, LHX⁺¹⁴, MMSN14, MEP08, MRY⁺¹⁰, MVS⁺¹³]. **real** [MALM04, MAG14, MKD13, DWCM14, NNH⁺¹⁴, PMM⁺¹³, PAP⁺¹², PL10, PS10, QH07, RMM03, SP10, SKPL10, SL08, SE07, SC05, TM07, WMT12, WP11, WAD14, YK03, ZC04a, ZC04b, ZB13, ZX08, Zhu10, ZZZ⁺¹², TTA⁺²⁰]. **Real-Time** [ARS16, AbSZ⁺¹⁹, AYS15, BMAB16, BGS⁺¹⁸, CQV⁺¹³, CKGN14, CLS16, CQB⁺¹⁵, DHL17, DJZ13, FBM16, GAG15, GZZ⁺¹⁶, GE18, HGW⁺²⁰, HSMS16, HFA⁺¹⁴, HHC^{+16b}, JSZ⁺¹⁹, JAD19, JGX⁺¹⁸, JBCS16, KSS16, KR18, KB17, LN19, dFMA_dN12, LZL15, LX16, MM16, MZG15, OSF19, Pau14, PNRC17, RG14, RMK17, SCG15, SMR15, SP19a, SLCS16, SCS16, SLE⁺¹⁷, SGW⁺¹⁶, SD17, TSP15, TKT15, UBF⁺¹⁶, WDJ⁺¹⁸, WMGR12, WHN⁺¹⁷, ZDZ14, ZPZG17, ZJC⁺¹⁷, ZSJ12, BZG19, BFST19, CKL04, DLRTB⁺¹⁹, HQE20, LOF20, SE10, AMCM06, AF14, AFL13, ABC⁺⁰⁷, ABI⁺⁰⁹, AFG08, BVGV_{EA}10, BBL09, CMV10, CHK14b, CRJ10, CRM14, CHTC07, CCAP12, CRAJ10, DF14, DSW⁺⁰⁹, DW10, GNW05, HT06, HTLC10, HHB⁺¹², HCQ⁺¹⁴, KBDV08, KW10, KTT13, LSK⁺⁰⁸, LES14, LQN⁺¹³, LLR14, LHX⁺¹⁴, MMSN14, MEP08, MRY⁺¹⁰, MVS⁺¹³, MALM04]. **real-time** [MAG14, MKD13, DWCM14, NNH⁺¹⁴, PMM⁺¹³, PAP⁺¹², PL10, PS10, QH07, RMM03, SP10, SKPL10, SL08, SE07, SC05, TM07, WMT12, WP11, WAD14, YK03, ZC04a, ZC04b, ZB13, ZX08, Zhu10, ZZZ⁺¹²]. **Really** [RPB⁺¹⁹]. **Receiver** [LCL⁺¹⁹, KSK13]. **Receiver-Initiated** [LCL⁺¹⁹]. **Rechargeable** [LFHS18]. **Reckoning** [TM15]. **Reclamation** [KJKM16]. **Recoding** [CD12]. **Recognition** [BTA⁺¹⁹, BJCHA17, GGJ12, ZRF⁺¹², KP13, NRL13, NPP13]. **Recognizing** [ALZR19]. **Reconfigurable** [ARDG16, DSXS15, LCD18, LZZ⁺¹⁹, PJWY12, RHG⁺¹², SBB19, SP12, SSS11, STY⁺¹⁴, SRK⁺¹⁸, WRKG16, AVF⁺⁰⁹, Bec09, CIC⁺⁰⁸, CIC⁺⁰⁹, CMS08, CRM14, GD14, HMMA04, LPFG13, LS09, LP09b, NBGS09, NB04, PBV07, PCK⁺⁰⁸, RI04, SB08, SGDP12, VNK⁺⁰³, VHB⁺¹³]. **Reconfiguration** [AHM19, DP19, FF09, SA18, WMGR12, GNS04, HMM04, HKVI05, HPLD09, LJR12, LPFG13, PAS⁺⁰⁹, ZBCM09]. **Reconfiguration-Based** [SA18]. **Reconfigurations** [Kha13, KML13, ZSJ12, CRM14]. **ReconOS** [LP09b]. **Reconstruction** [HW17]. **Recording** [LCC⁺¹⁹]. **Records** [LMW⁺¹⁷]. **Recovering** [CRAJ10]. **Recovery** [BDB⁺¹⁷, EZL⁺¹⁷, HPS13, LCD18, LJLT17, TMXS17, FO03]. **Recursive** [SCM20]. **REDEFINE** [AVF⁺⁰⁹]. **Redirection** [MST⁺¹⁶]. **reduce** [CRM14, LOXL13, Mus03, YFPJ14]. **Reducing** [BB13, CW14, CKIR06, JHK⁺⁰⁶, MV16, UCK⁺⁰⁹, ZKKC05, ZTD⁺⁰⁶, ZA07, CSK⁺⁰²]. **Reduction** [GDC19, LCLW17, SLN⁺¹⁶, TBDd11, YCK⁺¹⁸, ZZX⁺¹⁵, CDD⁺⁰⁷, HXZ⁺¹³, LS13, PLKH08, ZXS03].

Redundancy [BB13, TTAG14, YZA13]. **Redundant** [AJ18, NWA12, MB10]. **Redundant-Digit** [AJ18]. **references** [HT06]. **Refinement** [DJZ13, KB17, LP19, MS13b, HDR⁺06, RS07]. **Refining** [NS17]. **Reflections** [Shu19d]. **Reflexes** [SPP⁺10]. **Region** [ZWH⁺16]. **Region-Wide** [ZWH⁺16]. **regions** [LA11]. **Register** [AP09, FND⁺16, LOXL13, SWX17, TBDdD11, YC16, CKIR06, HABT11, LS13]. **Register-to-Register** [FND⁺16]. **Registers** [NGL17, LOXL13]. **regression** [BMS13]. **Regular** [NCJF18, Shu15c, CMA05, MRT13]. **Regularity** [LC17]. **Regularity-based** [LC17]. **regulation** [YFPJ14]. **Reinforcement** [KSY17, SKN17, TCD⁺19, PCBW13]. **Reinforcing** [WXY⁺17]. **ReKeying** [DS11]. **Related** [CR14, Shu15c]. **relation** [VAHC⁺06]. **Relational** [CMS17]. **Relations** [SE17]. **Relaying** [WLHC18]. **Reliability** [BHD15, BDG⁺15, KRS⁺16, MB10, NASM18, PRK15, SRNW16, WDM17, WLC⁺18, Zhu10, CYKH13, RP11]. **Reliability-Aware** [KRS⁺16, NASM18, Zhu10]. **Reliable** [AMKA17, GCJD20, GMOB13, MKASJ18, PS19, WLH⁺18, DKV14, LHX⁺14, SKH⁺12, TTAG14]. **Remanence** [SZL⁺17]. **remapping** [RP03]. **Remote** [BVGVEA10, IFA⁺16, LCQ⁺13]. **Removal** [MM16]. **renewable** [MKD13]. **ReNoC** [SSS11]. **rental** [JKH⁺13]. **reordering** [GRVD12]. **reorganization** [LCJ13]. **Repair** [AAS18]. **replacement** [RG13]. **replay** [RAK14]. **replication** [FS14]. **Reporting** [MWF⁺16]. **Representation** [ADJM19, CAP15, KPK⁺19, NWA12, YLW15, TKD07]. **Representative** [LLW⁺17]. **reprogrammable** [PO05]. **Reprogramming** [WLH⁺18, DLC⁺14]. **REquest** [TTA⁺20]. **Requirement** [DHF18, HPP17, LPFL16, LLN⁺14]. **Requirement-Aware** [HPP17]. **requirements** [GFC⁺10, UCK⁺09]. **requiring** [KHHH14]. **rerouting** [SJRS⁺13b]. **Research** [BMB16, Shu15a]. **Researchers** [Shu18a]. **reservation** [WAD14]. **Resilience** [OSA⁺18, SK13, SHME13]. **Resilient** [BCHB18, HFA⁺14, IPL16, MST⁺16, OSA⁺18, RAK14]. **Resistance** [YGW⁺12, DLN13]. **Resistant** [WH17]. **Resistive** [JR20]. **resolution** [GJ13, PO05]. **Resonance** [CPP⁺17]. **Resource** [ADJM19, BMF15, DCZB19, DWRR14, HZH⁺18, KKCS16, LX12, LC17, LZJ17, MMY⁺19, MFG17, MPFG19, PS19, REPL15, TLBM15, TMXS17, TAMS18, ZGZ15, ZSH⁺19, AF14, BMM13, CHCC13, FF09, GFC⁺10, HE12, MPZS13, TSG10, UCK⁺09, WRJL06, Wu10, ZB13, ZMB03, ZLF13]. **Resource-Aware** [TLBM15]. **Resource-Constrained** [KKCS16, MFG17, MPFG19, TSG10, UCK⁺09]. **Resource-Constraint** [ZSH⁺19]. **resource-driven** [CHCC13]. **Resource-Efficient** [DCZB19, PS19]. **resource-limited** [Wu10]. **Resources** [RJM19, SP12, NBGS09]. **Response** [BE17, SE17, ZLL⁺19, FF09]. **Response-Time** [SE17]. **responsive** [SPP⁺10]. **Resprinting** [TBCB15]. **Restoring** [RPB⁺19]. **restricted** [LYL13]. **results** [GT05]. **Retaining** [LKH16]. **retargetable** [RDM06]. **Retargeting** [MFMA17]. **Retention** [JRR16]. **Rethinking** [Shu20b]. **retiming** [XHSS10]. **Retransmissions** [RN18]. **Retrieval** [KNL12]. **Reuse** [DPNA16, HDZL20, BCS⁺06, HKVI05]. **Revisited** [BBDR12]. **rewards** [RMM03]. **ReWire** [PHG⁺17]. **RF4CE** [LCQ⁺13]. **RF4CE-based** [LCQ⁺13]. **RFID** [LHYQ18, WH17, WXY⁺18, WYL⁺19]. **RFIDs** [CBS19, WLH⁺18]. **Rich** [GSS⁺18]. **Rider** [MFMA17]. **Rigorous**

[JKH⁺13, NBM⁺16, STW13]. **Ring** [NVB⁺20, BP14, CTK⁺13]. **Ring-LWE** [NVB⁺20]. **ring-mesh** [BP14]. **RISE** [RMK17]. **Risk** [RHG⁺14]. **Risks** [Shu17b]. **RLUTs** [RBNM19]. **RMW** [MSHS19]. **RMW-F** [MSHS19]. **RMW-Free** [MSHS19]. **Robot** [GMS17, LWZ⁺16, SLFC19]. **Robotics** [Shu18b]. **Robust** [CQB⁺15, CHTC07, CAPL11, GD19, KKL⁺16, KDB19, MKMGS18, PCM12, PSZ12a, SSD⁺19, SCF12, SMR20, FSVG19, ISE10, MRT13]. **Robustness** [Shu19a, ZSM13]. **ROS** [SLFC19]. **ROSES** [WCJ07]. **Rotation** [SPC⁺16]. **Rotation-Based** [SPC⁺16]. **Round** [CLLC17]. **Round-trip** [CLLC17]. **router** [YZA13]. **Routing** [GDD20, LLT⁺17, CCY⁺13, JGD⁺09, PS08b, SJRS⁺13a]. **Rovers** [LMS⁺19]. **RQNoC** [MST⁺16]. **RSA** [KHHH14]. **RT** [DSB17, WLC⁺18]. **RT-WiFi-Based** [WLC⁺18]. **RTL** [CMK12, PMP17]. **RTOS** [DHL17, DLD⁺19, HDR⁺06, TBFR17]. **RTOS-Aware** [DHL17]. **RTSJ** [ZW10]. **Rule** [GZZ⁺16, FZHT13]. **rule-based** [FZHT13]. **Rules** [STH17]. **Run** [SPB⁺17, YGD⁺19, BCS⁺06, GNS04, HMM04]. **Run-Time** [SPB⁺17, WWG⁺18, BCS⁺06, GNS04, HMM04]. **Runs** [ACR17]. **RunStream** [KPC⁺16]. **Runtime** [BMF15, DAHM16, DSXS15, GSC19, HKC18, HHC⁺16b, KML13, LKA⁺18, LL18, MWS15, MBKF15, MMY⁺19, PRS⁺17, TDD⁺16, TAMS18, WCM⁺16, ZJC⁺17, CCY⁺13, LOG⁺14, LPFG13, MPZS13, MF13, PB14, SB08, STY⁺14, YCNCC11, ZBCM09, AVF⁺09].

S3PR [WWY13]. **SA** [GQC⁺17]. **SAFE** [ZCS⁺05]. **SAFE-OPS** [ZCS⁺05]. **Safely** [SWL07]. **Safety** [BHAC15, BGO17, GZ12, HCL⁺17, IPL16, KRR20, LS20, PJJ⁺14, RS07, TCD⁺19, YLW15, ASTPH10, CMA05, DKAL05].

Safety-Critical [IPL16, LS20, PJJ⁺14, ASTPH10]. **Salesman** [Ahm13]. **Sample** [LYY⁺17, ZTZ⁺19]. **SAT** [AAS18]. **satellite** [MB10]. **Satisfaction** [YF19]. **Saving** [LKH16, ISG03]. **savings** [SVN04]. **Scalability** [HPBL12, WMRB17, Bec09]. **Scalable** [AGS⁺16, ABH⁺18, HPLD09, JAD19, MBR15, PYJL15, SE07, KYHY14, LCJ13, RGdZS14, SAHE04, TLLL09]. **Scale** [ABH⁺18, CJL17, JGX⁺18, MRA⁺17, HHB⁺05, PS08b]. **Scaling** [BFW⁺19, CRCR13, JRR16, YGW⁺12, MMR⁺10]. **Scenario** [CBS19]. **scenarios** [Gei10]. **SCEst** [SMR⁺18]. **Schedulability** [ARS16, AFMT17, AKD⁺18, GE18, LZS⁺18, MEP04, PEP05, SD17, ZB13, AF14, AFL13, BC07]. **Schedulability-driven** [PEP05]. **Schedule** [WLC⁺18, QH07, SAHE04]. **scheduled** [DF14, ZB13]. **Scheduler** [VGB19]. **schedulers** [SMG04]. **schedules** [KMB07, SKPL10]. **Scheduling** [ARS16, AKTM16, ABS⁺19, BMAB16, BZG19, BE17, BGS⁺18, CPC17, CC13a, CLJ⁺19, CAPL11, DBM⁺15, DLRTB⁺19, DSB17, FHB⁺17, GDDD17, GDD20, GWZ16, GE18, HQE20, HGW⁺20, HSMS16, HDR⁺06, HTC⁺16, IPEP12, JCW⁺16, JZL⁺15, JGX⁺18, LCP⁺17, LSC19, LJP17, LH18, LWB18, LHL⁺19, LLN⁺14, LX16, LLZ⁺17, MG15, RDP17, SMW⁺17, SP19a, SLCS16, SWX17, SD17, TGV12, TBG⁺17, TLBM15, TGTT17, VWG⁺17, WHN⁺17, WZJ⁺18, ZGZ15, ZLL⁺19, BvB13, CCAP12, DKV14, FZHT13, GNW05, HGL14, IHK04, JP14, KBDV08, LP10, LES14, LQN⁺13, MTL14, MBFSV07, MALM04, MKD13, NBGS09, NB04, PW13, RGSS04, SL08, SC05, TTAG14, WRJL06, XQ07, XHSS10, YK03, ZW10, ZC04a, ZM07, ZC08]. **Scheme** [DS11, KJKM16, KNY⁺17, KCC⁺16, LX12, LCC⁺19, LZS⁺18, LLT⁺17, PC14, PJS15, RBNM19, TAMS18, WZD⁺17, YCT16, ABS02, BS13a, CHCC13, CTK⁺13, JKJ⁺10,

VS08, WSK14]. **Schemes** [BSJ15, HPO⁺15, MKASJ18, HL14, SKPL10]. **Schizoid** [Shu15d]. **schizophrenic** [YKK⁺13]. **Science** [Shu16c]. **SCOPES'09** [FM12]. **ScorePlus** [TSY⁺16]. **SCPS'09** [DSD12]. **scratch** [ABS02, NDB09, UDB06]. **scratch-pad** [NDB09, UDB06]. **scratch-pad-based** [ABS02]. **Scratchpad** [JLW⁺15, KBS17, L XK10, VCM19, BCDH12, CC13a, ELS08, HZX⁺14]. **Scratchpad-Memory** [VCM19]. **screening** [GJ13]. **Scriptable** [MWF⁺16]. **SDC** [LJLT17, LLP⁺17]. **SDC-causing** [LLP⁺17]. **SDF** [TBG⁺13]. **SDRAM** [SJC⁺03, TVK08]. **Sea** [LYL13]. **Seamless** [WJ17, ISE10]. **Search** [FKS⁺19, RSK17, PCBW13, TSWL10, VSSS13]. **second** [NPP13]. **secret** [CNK04]. **Section** [BCEP12, FGIS12, FM12, KM13, NKS12, PS14, Pla12, SRNW16, CP13a, CC14, CP13b, DV13, DSD12, Edi13, Hüb13, JLSK13, PCB12, STW13]. **sector** [LPC⁺07]. **Secure** [ABL⁺20, AARJ12, CCM17, CBS19, GCJD20, JEP16, LMA19, LJR12, LMW⁺17, MCP17, MKA17, PP19, PS08b, PHG⁺17, RSK17, SYC⁺17, TNR17, YGD⁺17, Geb04, Geb06, ISTE08]. **Securely** [WXY⁺17]. **Security** [AYS15, BCHL19, CPP⁺17, CFX17, GQC⁺17, GSC19, LJP17, LZZ⁺19, MCS⁺15, PNRC17, RRRKH04, Shu15b, Shu16b, Shu16d, Shu17b, Shu17c, Shu18b, Shu18e, Shu19b, TP19, TBAS17, TP20, VKDG19, WGP04, ZYL⁺17, CVG⁺13, PS04, SL04, VS08, XQ07, ZCS⁺05]. **Security-Aware** [GQC⁺17, LJP17, TBAS17]. **Security-Critical** [ZYL⁺17]. **See** [WXY⁺18]. **See-through-Wall** [WXY⁺18]. **Segment** [HSMS16, TBEP16]. **Segment-Based** [HSMS16]. **Segmentation** [GGJ12, VAR13]. **seizures** [MVS⁺13]. **Selection** [AbSZ⁺19, BCLS17, DLD⁺19, GPB⁺17, KAKSP15, MTWE20, ZRF⁺12, BMS13, LSC14, LXL13, SWT⁺14, SBX08]. **Selective** [CSCC17, KKL⁺16, LLPM07, Gar05]. **Self** [BLG⁺15, BHET04, CLL⁺18, DJS16, LYC⁺18, RJM19, TMXS17, YYKK18, DEG11, GLT⁺13, GNR⁺10, WYJ⁺14, Wu10, ZVL04]. **Self-Adaptive** [RJM19, YYKK18, DEG11]. **self-adjusting** [Wu10]. **Self-aware** [DJS16, GNR⁺10]. **Self-Configuring** [BLG⁺15, BHET04, GLT⁺13]. **Self-Organized** [TMXS17]. **Self-Sustained** [CLL⁺18]. **Self-Sustaining** [LYC⁺18]. **Self-Testing** [BLG⁺15, GLT⁺13]. **self-tuning** [WYJ⁺14, ZVL04]. **Semantic** [LWZ⁺16]. **Semantics** [BB13, BV15, CSST08]. **Semantics-preserving** [CSST08]. **Semi** [HSMS16]. **Semi-Partitioning** [HSMS16]. **semiring** [YRF10]. **semiring-based** [YRF10]. **Sensing** [ALZR19, CGZ18, CLL⁺18, HTR⁺16, HZGW18, LYC⁺18, LLG⁺20, LLW⁺17, LNA⁺15, MSR⁺12, WXY⁺18, WTSR13, YGHS08]. **sensitive** [BO13]. **Sensitivity** [RG13, YGD⁺17]. **Sensor** [ABC⁺17, DS11, GM12, GSS⁺18, GGJ12, HSR18, HCS18, HB16, IPL16, JGX⁺18, LFHS18, McI13, MAGR15, RN18, SKN17, SLS⁺19, TSW⁺17, WWTSM19, ZRF⁺12, ZZX⁺15, ZH12a, ZLL⁺11, ZO16, ZC04c, BS13b, CTK⁺13, DLN13, DLC⁺14, GHZH14, HBSA04, HHB⁺05, KHZS07, KAK05, KXL10, KLC⁺10, LN04, LLLGR13, LAHS06, MLV09, PS04, PS08a, PS08b, SM13b, SGDP12, VGG⁺13, WYP⁺10, YGHS08, ZH12b, ZWY⁺10, ZLF13]. **Sensors** [DL12, GSS⁺18, PP12, WJ17, CNC13, LYL13, NRL13]. **Sentries** [Shu16b]. **Sequence** [LL18, ZW13]. **Sequential** [GHB13, LCC⁺19, MKR13]. **Sequential-write-constrained** [LCC⁺19]. **Sequentialization** [WCM⁺16]. **Sequentially** [SMR⁺18]. **Serial** [LS17, RMH04a]. **Server** [ABS⁺19, BE17, GMS17, MALM04].

Serverless [CBS19]. **Servers** [AHMT17]. **Service** [LAZ⁺16, MST⁺16, BDP⁺13, LCJ13, WP11]. **Services** [JCW⁺16, KBCL13, PCBW13, SRY13, WTSR13]. **Set** [AJ18, DB19, Fra12, GD19, AC08, LLPM07, MBFT09, RDM06, RMD09]. **Sets** [BB15]. **SFA** [PC14]. **SHA256** [GWM16]. **Shader** [YC16, YW13]. **Shading** [BCS16]. **shadowing** [LHX⁺14]. **Shamir** [VS08]. **shapers** [WMT12]. **Shaping** [OSF19, RC08]. **Shared** [CH08, KR18, KRS⁺16, NS16, SP12, TGBT17, VGN18, WZJ⁺18, ZGH⁺19, LPB06, PLKH08, SE10]. **shared-memory** [LPB06]. **Sharing** [LZJ17, RKK15, SDBD18, VKW⁺17, VSD⁺17, BZ13, MSB08, PS08b, ZB13]. **ShaVe** [SDBD18]. **ShaVe-ICE** [SDBD18]. **Shift** [CDX⁺19]. **Shift-based** [CDX⁺19]. **Shingled** [LCC⁺19]. **Shortest** [GNW05]. **Shortest-path** [GNW05]. **should** [GT05]. **Shrunk** [ZGH⁺19]. **Side** [GW15, GWM16]. **Side-Channel** [GW15, GWM16]. **sifting** [AP09]. **Signal** [HW17, SRA12, ZO16, AMN⁺14, BDB⁺17, GJ13]. **Signals** [CCP⁺19]. **Signature** [HPO⁺15, ZSY19, DLN13]. **signature-based** [DLN13]. **Signatures** [ABC⁺17, AYS15, MKAA17]. **Silicon** [MSCS16, THA⁺12, AKB14]. **SIMD** [FSC⁺16, HLF⁺18, SFZX18]. **similarity** [HE12, LLR14]. **Simon** [AMKA17]. **Simple** [SEB12]. **Simplex** [JBCS16]. **Simulating** [WRKG16]. **Simulation** [CD19, FKJM18, GD14, MRA⁺17, RG14, SXXM⁺18, VF17, WMLA16, ZJC⁺17, MMSN14, RDM06, RMD09]. **Simulation-based** [GD14]. **Simulation-Driven** [FKJM18]. **simulator** [CMP⁺07]. **Simulators** [Fra12, SWL⁺14]. **Simulink** [BCC⁺17, DP08, HYY⁺15, TSCC05]. **Simultaneous** [LRZ16, TTAG14, OOAL06]. **simultaneously** [LOXL13]. **Single** [LMS⁺19, MM16, PC14, WZM17, ZW17, KMB07]. **Single-** [LMS⁺19]. **single-appearance** [KMB07]. **Single-Threaded** [WZM17]. **Sink** [LFHS18, LLT⁺17]. **Sink-Location** [LLT⁺17]. **Sinusoidal** [SCM20]. **SIPF** [SYC⁺17]. **Siphons** [CL13, ZW13]. **size** [CKIR06, LSK⁺08, NP04, NDB09, ZMB03, ZXS03]. **Skiing** [VS05]. **Sleep** [JRR16]. **Sleep-Mode** [JRR16]. **Sliding** [GW15]. **SLISCP** [ARH⁺18]. **SLISCP-light** [ARH⁺18]. **Slotless** [PAS⁺09]. **SM2** [ZSH⁺19]. **Small** [HJ19, SRG⁺15, Shu16c]. **Smart** [BCS16, BSJ15, CYH20, DJS16, HDG⁺14, LLT⁺17, MFG16, SCRY16, TSY⁺16, VP16, CHCC13, DEG11, DZR09, Edi14, LWK⁺10, MSCJ12, SCF12]. **SmartLMK** [KJKM16]. **Smartphone** [GW15]. **smartphones** [SKK⁺14, ESM⁺17]. **Smooth** [SGJ17]. **SMR** [MHS19]. **SMT** [PMM⁺13]. **Snake** [BCS16]. **Snake-like** [BCS16]. **Snapshot** [LLN⁺14]. **SoC** [DJS16, GSC19, JM06, JBN⁺13, KKO⁺06, LHM14, MKMGS18, PÖG⁺13, TKL⁺15, YCNCC11, ZDTM19]. **Social** [ZYM16, ZYL⁺17]. **Society** [Shu20a]. **Socioecological** [LAZ⁺16]. **SoCs** [DSXS⁺14, HSK18, ISE10, RPB⁺19, RJM19, VKW⁺17, XDL⁺18]. **Soft** [FND⁺16, KKL⁺16, KJK⁺17b, LJLT17, OSA⁺18, RJS19, SUS⁺17, TP16, WMGR12, HLD⁺09, MMSN14, MEP08, SM13a]. **Soft-Error** [OSA⁺18, SUS⁺17]. **soft-object** [MMSN14]. **SoftRM** [TMXS17]. **Software** [BVM19, CAP15, CMP17, Dea06, DBFH14, GLC07, GDC19, JLSP18, JN15, KE15, KKL⁺16, LS13, LLG⁺20, LMK⁺18, LBS15, MBLA16, OBA⁺17, PJS15, SWJ⁺13, Seo18, SCM20, SD13, SLFC19, TSY⁺16, TBDdD11, VGN18, YMHB19, YGD⁺17, ZPZG17, ZQC16, ARJ08, ARJ11, BCLN13, BS13a, BMS13, CMV10, CSVA⁺05, DZR09, FRRJ07, FZJ08, HG09, HFG13, HQB06, HKLH05, JR20, JM06, KMB07, KASD07,

LOG⁺14, LJR12, LWK⁺10, MRT13, MLV09, OP06, PGR⁺08, RP11, Sch07, Sch10, SMG04, SB08, SE07, SVN04, SBF⁺05, WCJ07, ZCS⁺05, ZXS03]. **Software-Based** [KKL⁺16, LS13]. **Software-Controlled** [JNI15]. **software-defined** [LJR12]. **Software-Embedded** [DEG11]. **Software-Hardware** [TSY⁺16]. **Software-only** [GDC19, BS13a]. **software-pipelined** [ZXS03]. **Solar** [ABD⁺19, JC12, MBB⁺15, SKN17, SLS⁺19, TSW⁺17]. **Solar-Powered** [TSW⁺17, MBB⁺15]. **solid** [CCH13, CW14]. **solid-state** [CCH13, CW14]. **solution** [MTL14, ZHCY13]. **Solutions** [BCHL19, SEB12, SSH14]. **Solver** [CWJ17]. **Solving** [AAS18]. **SOS** [YLW15]. **Source** [MFMA17, MF12, CCA⁺13, FRRJ07]. **Source-Level** [MFMA17, MF12]. **Sourced** [DBFH14]. **sources** [MKD13]. **Space** [ABL⁺20, CAP15, CCC⁺17, DJJ⁺19, FSVG19, GCJD20, KCC⁺16, OFA⁺15, PSZ12a, SLB⁺15, SHQX19, BSKB⁺09, BFQ10, BCG⁺07, JBN⁺13, KK05a, KASD07, LM13, MPZS13, OP06, RP03, VAR13]. **Space-Efficient** [KCC⁺16, KASD07]. **space-filling** [BSKB⁺09]. **space-oriented** [KK05a]. **sparing** [TTAG14]. **Sparse** [LYY⁺17]. **Sparsity** [XDL⁺18]. **Spatial** [JBI17, RWL⁺18, BvB13, GFC⁺10]. **Spatio** [SRNW16]. **Spatio-Temporal** [SRNW16]. **Speaker** [BJCHA17]. **Special** [BBM15, BCHL19, CS16, CKGN14, CJL17, CGZ18, DPP14, DST19, DSXS15, EE16, EH18, FGIS12, FX17, GM03, IT16, JC03, KBCL13, KM13, Leo18, MCP17, NKS12, DWCM14, PS14, Pla12, RHG⁺14, Shu15c, VP16, WX17, ZQC16, BM13, CP13a, CC14, CP13b, DV13, DSD12, Edi13, GP07, HCK⁺08, HTLC10, Hüb13, JB02, JB03, JLSK13, KS10, MS05, PCB12, Sch07, STW13, BCEP12, FM12, Goe14, Gup04, KL13, LB04, SL04, ST05, TEC12]. **specialty** [ZWY⁺10]. **Specific** [DASS12, LMA19, LWZ⁺16, MFMA17, MPFG19, PSZ12a, SXXS⁺16a, TBFR17, ARH⁺18, BM13, yCBR05, JHPR13, RC08, WP11, XWHC06]. **Specification** [KDB19, MS13b, BGVZ11, CD10, GHB13, KW10]. **Specifications** [CMK12, NCJF18, OFA⁺15, YF19, Gar05, MD04, ZNS13]. **Speck** [AMKA17]. **Speculating** [Mus03]. **Speculation** [PCM⁺15]. **speculative** [MF13]. **speech** [KP13]. **Speed** [HW17, MSR⁺17, BBL09, KT14, LLC⁺13, RV07, SD08]. **speed/accuracy** [SD08]. **Speeds** [QWY⁺18]. **Speedup** [JSZ⁺19]. **speedups** [SVN04]. **Spilling** [TBDdD11]. **Spin** [ZBCM09]. **Spindles** [CCP⁺19]. **Split** [SBR⁺15, Geb06]. **split-mask** [Geb06]. **SPM** [TDD⁺16]. **SPMPool** [TDD⁺16]. **SPMs** [SDBD18]. **SPN** [LCLW17]. **Sponge** [ARH⁺18]. **Sponge-specific** [ARH⁺18]. **Sporadic** [BE17, DVCC19, FHB⁺17, Bar13a, HGL14]. **Squared** [CLS16]. **SRAM** [JRR16, JRSR17]. **SSD** [KSY17, PX18, SHQX19]. **SSDs** [CSW15, CLL16, HC16, ZLSQ17]. **SSI** [BBDR12]. **SSP** [WBF⁺06]. **Stability** [BGO17, ORA16, REPL15]. **Stable** [CLL16, SWWW17]. **Stack** [KY17, ZDZ14, MSB08, RRW05]. **stacked** [HL14]. **stage** [DBH14]. **Stakeholders** [YMHB19]. **Standard** [ABC⁺17, BCC⁺17, MWF⁺16]. **Standard-Compliant** [MWF⁺16]. **standby** [TTAG14]. **standby-sparing** [TTAG14]. **State** [CHS15, DQ14, WRB15, ZPZG17, CCH13, CW14, WGP04]. **State-of-the-art** [WGP04]. **statecharts** [MS13a]. **Stateless** [MKAA17]. **statements** [YKK⁺13]. **states** [ISG03]. **Static** [BCS16, CYH⁺17, DHKS15, SMR15, SWL07, SC17, SAMR06, SLCS16, TBFR17, WCM⁺16, ZMB03, FZHT13, SHME13, ZTRC03]. **static-power-efficient** [ZTRC03]. **Stations** [LFHS18]. **Statistical**

[Fra12, MKR13, WZBP19, SGT⁺13]. **Statistics** [CNK04]. **Stealing** [LNA⁺15]. **STEAM** [HDG⁺14]. **Step** [WZH13]. **Stereo** [CYH20, HLLL12, LMS⁺19]. **Stigmergy** [GSC19]. **Stigmergy-Based** [GSC19]. **STL** [YF19]. **STM** [CQB⁺15]. **Stochastic** [AH13, HCL⁺17, KDB19, NLSV⁺19, MEP04, ÖNG08]. **Stop** [Val17]. **Storage** [CCC⁺17, JCS⁺17, KCWH14, KNY⁺17, Kwo16, LCC⁺19, MSHS19, SWJ⁺13, SR12a, SCRY16, WT15, YCT16, YYKK18, BCLN13, CKL04, CWKH12, CYKH13, MRY⁺10, WKC07]. **Store** [JBI17]. **stores** [ZP06]. **strands** [SWL07]. **Strategies** [DB19, GDC19, LS17, RWL⁺18, ISG03]. **Strategy** [CSCC17, DCZB19, SHQX19]. **Stream** [BFST19, CJ20, KPC⁺16, MG15, MV16, MCM⁺17, PNRC17, SWWW17, CC13b, DSW⁺09, GH13, HE12]. **Stream-Monitoring** [BFST19]. **Streaming** [BZG19, MASG15, TBG⁺17, WLK⁺19, ZSJ12, HFG13, HHB⁺12, LO13, MAG14, ZNS13]. **Streams** [HHC⁺16b]. **stress** [WGPH13]. **string** [LHCK04]. **string-matching** [LHCK04]. **Structural** [SHK⁺19]. **Structure** [ZO16]. **Structured** [CD12, GDD17]. **Structures** [PqBM⁺15]. **STT** [ZBCM09, YJD⁺17]. **STT-MRAM-Based** [YJD⁺17]. **Stubborn** [BB15, Val17]. **Study** [GHPP18, MSD17, SZL⁺17, DEG11, LHM14, MSS⁺03, MSH⁺14, SKW⁺07, SPK⁺12, VJD⁺07, VDK⁺08]. **Sub** [YLDM19]. **Sub-Byte** [YLDM19]. **Subgraph** [PMP17]. **Subject** [PSZ12a]. **Subspace** [LYY⁺17]. **Subsystem** [SR19, KYL13]. **Sufficient** [ARS16]. **Suite** [LWK⁺17, GGGK08]. **Suites** [SPDLK⁺17]. **Super** [JSZ⁺19]. **Super-Linear** [JSZ⁺19]. **Superblock** [JKJ⁺10]. **superblock-based** [JKJ⁺10]. **SuperCISC** [JHK⁺06]. **superperfect** [LXK10]. **supervisor** [ZS05]. **Supervisors** [WWY13]. **Supervisory** [DSB17]. **Supplemental** [TEC12]. **Supplements** [Ano13, Ano14]. **Support** [ZJC⁺17, HT06, NB04, PZ12, SJRS⁺13a, VGG⁺13]. **Supported** [ZP11, ZSM13]. **Supporting** [DSXS⁺14, LDV12, SSH14]. **Surrounding** [LNA⁺15]. **Surveillance** [KLK⁺19, RMK17, MSCJ12]. **Survey** [AH13, BMAB16, BHXP19, BJCHA17, SP19a, BMP03, WEE⁺08]. **Sustained** [CLL⁺18]. **Sustaining** [LYC⁺18]. **SViT** [XHK16]. **SViT-Based** [XHK16]. **SVM** [CWJ17]. **SW** [ZDTM19]. **Swapping** [KJK17a]. **SWARAM** [MGLP19]. **Switchable** [CI17]. **Switched** [AGS⁺16, LS09]. **switches** [SMG04]. **Switching** [BF17, NNH⁺14]. **Sybil** [DBFH14]. **Symbolic** [BFL18, CBRZ19, TWTH18]. **Synching** [CSCC17]. **Synchronization** [BGJ17, WXY⁺17, ZGZ15, AAPN14, CRJ10]. **synchronized** [GHZH14]. **Synchronous** [BMM13, BCC⁺17, DHKS15, Gei10, SIR⁺17, WMRB17, ZPZG17, BSB14, CSST08, CC13a, QP03, TBG⁺13, ZM07]. **Synergistic** [PHDL18]. **Synergy** [ZDTM19]. **Synterface** [SIC19]. **Synthesis** [BF17, BRL16, yCBR05, CFGM15, CDH⁺16, EZL⁺17, FLF17, KMP15, LPFL16, LN19, NVB⁺20, PMDC17, SXXS⁺16a, TBFR17, VRF15, WWTSM19, BAR13b, BAR13c, CCA⁺13, FZK⁺10, GM03, HG09, HFG13, HVG13, KMB07, MRT13, QP03, SPK⁺12, ZS05]. **Synthesizing** [LEPP13]. **Sysfier** [RBS⁺10]. **System** [AAM⁺17, AKTM16, BTD⁺18, BBM15, BFQ10, CD12, CLL⁺18, DST19, DJS16, GIB⁺12, HB16, IT16, JC12, JAD19, KSP⁺12, LX12, Leo18, LWK⁺10, LYH⁺15, MSCJ12, MWS15, MGLP19, NCJF18, NBM⁺16, NLSV⁺19, PRSV19, QP03, RG14, SA18, SGT⁺13, SCRY16, SHL⁺17, SR19, SLS⁺19, SVZ13, WXY⁺18, WT15, YCLV⁺02, YYKK18, ZYM16, ZYL⁺17, ZX08, AMCM06, BE10, BDP⁺13, BJM13,

CWKH12, CSK⁺⁰², CHK14b, Dea06, FRRJ07, LJ14, GGGK08, HQB06, HVG13, Hüb13, JBN⁺¹³, KCG⁺⁰⁵, KZH⁺⁰⁶, KGR12, LCQ⁺¹³, LKW02, LHCK04, MSS⁺⁰³, MSL13, NPP13, NNH⁺¹⁴, PK13, PSZ12b, SVP05, Sev05, SPK⁺¹², STY⁺¹⁴, TTAG14, TSBY13, VJD⁺⁰⁷, VDK⁺⁰⁸, VNK⁺⁰³, WAD14, YDLC10a, ZHM⁺¹⁴]. **system-driven** [FRRJ07]. **System-Level** [LYH⁺¹⁵, NBM⁺¹⁶, ZYM16, ZYL⁺¹⁷, MSCJ12, SGT⁺¹³, YCLV⁺⁰², JBN⁺¹³, MSS⁺⁰³, MSL13, VJD⁺⁰⁷, VDK⁺⁰⁸]. **system-on-a-chip** [VNK⁺⁰³]. **System-on-Chip** [DJS16, GIB⁺¹², SR19, CHK14b, HQB06, Hüb13, TSBY13]. **System-on-Chips** [LX12]. **System-wide** [ZX08]. **System/network** [BFQ10]. **systematic** [JHPR13]. **SystemC** [CMK12, CD19, FZK⁺¹⁰, MWF⁺¹⁶, RBS⁺¹⁰, RSB⁺⁰⁹, SL16, SWL⁺¹⁴, WMLA16]. **SystemC/C** [RSB⁺⁰⁹]. **SystemC/C-based** [RSB⁺⁰⁹]. **systemj** [MSCJ12]. **Systems** [AFS⁺¹³, ABD⁺¹⁹, AbSZ⁺¹⁹, AGS⁺¹⁶, AFMT17, AB15, BHAC15, BFW⁺¹⁹, BMAB16, BHXP19, BF17, BGJ17, BGO17, BLG⁺¹⁵, BP12, BV15, CS16, CQV⁺¹³, CKGN14, CMS17, CLLC17, CCC⁺¹⁷, CLJ⁺¹⁹, CQB⁺¹⁵, DAHM16, DWRR14, DHJ⁺¹⁷, DJJ⁺¹⁹, DHL17, DJZ13, DHF18, DLH16, DBFH14, DB19, DQ14, DVCC19, DJS16, EVS⁺¹⁷, GLP⁺¹¹, GD19, GCJD20, GZ12, Goe14, GE18, HKC18, HSMS16, HPP17, HFA⁺¹⁴, HNY18, HHC^{+16a}, HZX15, HCL⁺¹⁷, HFL⁺¹⁹, Ise17, IPL16, IPEP12, JR20, JLW⁺¹⁵, JZL⁺¹⁵, JEP16, JAD19, KS18, KSS16, Kha13, KY17, KSP⁺¹², KJK17a, KJK18, KLK⁺¹⁹, KCC⁺¹⁶, KNL12, KB17, LP19, LS20, LDV12, LS12, dFMA^{dN12}, LZL15, LWZ⁺¹⁶, LH18, LLG⁺²⁰, LLN⁺¹⁴, LX16, LLZ⁺¹⁷, LSL20, LL18, LOF20, MLL⁺¹⁷, MRA⁺¹⁷, MTWE20, MBKF15, MKS⁺¹⁷, MH19, MS13b, MMY⁺¹⁹, Mos13, NDZ13, NBE18, OSF19, OBSO16, PXY⁺¹⁷, PCM⁺¹⁵]. **Systems** [PqBM⁺¹⁵, PLM⁺¹⁵, PRS⁺¹⁷, QZXO14, REPL15, RHG⁺¹², RRM16, RHG⁺¹⁴, SMW⁺¹⁷, SCG15, SMR15, SR12b, SP19a, SDBD18, SZL⁺¹⁷, Shu15a, Shu15d, Shu16a, Shu16c, Shu16d, Shu18d, Shu19d, SPGT19, SGJ17, SMR20, SXXS^{+16b}, SLFC19, SCS16, SLE⁺¹⁷, TSP15, TBAS17, TGV12, TCD⁺¹⁹, TFL16, VWG⁺¹⁷, VP16, WDJ⁺¹⁸, WMGR12, WDY⁺¹⁶, WCK⁺¹⁹, WYL⁺¹⁹, WZBP19, WRKG16, WLC⁺¹⁸, WMLM12, XKK17, YC12, YLW15, YCT16, ZYM16, ZYL⁺¹⁷, ZJC⁺¹⁷, ZQC16, ARJ08, ARJ11, ASTPH10, AF14, ADI06, AFL13, ABS02, AEF⁺¹⁴, BYD09, BCDH12, BWS14, BP05, Bar13a, BCC⁺⁰⁸, BMM13, BBL09, BCS⁺⁰⁶, BFQ10, BCG⁺⁰⁷, BHET04, CMA05, CCA⁺¹³, CSVA⁺⁰⁵, CKL04, CWKH12, CYKH13, CCY⁺¹³, yCBR05, CRJ10, CJMB05, CRM14, CGV10, CVG⁺¹³, CHTC07, DKV14, DDG⁺¹³, DF14, DEG11, DW10, DRL⁺¹⁰, ELS08, ESAS14, FZJ08, FS14, FC13, Geb06, GJ13]. **systems** [GMOB13, GD14, GRCV03, GT05, GM03, GNR⁺¹⁰, Gup04, GKW08, HCK⁺⁰⁸, HKP08, HTLC10, HLD⁺⁰⁹, HQB07, HCQ⁺¹⁴, Hüb13, ISG03, JLSK13, JKH⁺¹³, KST⁺¹², KBCL13, KKH⁺¹², LB04, LDRM12, LMST04, LSK⁺⁰⁸, LK10, LWB13, LP09a, LLR14, LPFG13, LOXL13, LHX⁺¹⁴, LHM14, MBFSV07, MRY⁺¹⁰, MSB08, MLL08, MKD13, MSL13, NKP⁺¹², NDB09, PLKH08, PEP05, QH07, RP03, RV03, RS07, RRRK04, RSB⁺⁰⁹, SWT⁺¹⁴, Sch07, SE10, SAHE04, SRS03, SL04, SJC⁺⁰³, ST05, Shu14b, STW13, SVN04, SC05, SBF⁺⁰⁵, TRJ05, TM07, TXL⁺¹², TKG13, TSG10, TVK08, VAHC⁺⁰⁶, VS05, VHB⁺¹³, VGG⁺¹³, WMT12, WP11, WLT12, WRJL06, WKC07, Wu10, WMZY13, XQ07, YDLC10b, YRS12, YK03, ZC04b, ZVL04, ZVN05, ZSM13, ZB13, ZP08, ZP09, Zhu10, ZZZ⁺¹², ZC08, KL13]. **Systems-on-Chip** [KS18, WRKG16, GNR⁺¹⁰]. **Systolic**

[ZRZ⁺19, WL09].

Table

[RR17, VKW⁺17, WLWS15, YCLV⁺02].

Tableau [BRR19]. **Tail** [KSY17, LJLT17].

Tail-DMR [LJLT17]. **Tailoring** [ZGH⁺19].

Taiwan [HKLH05]. **target** [ZC04c]. **Task**

[AR14, CPC17, GMS17, LCP⁺17,

dFMA_{AdN}12, MTL14, MEP08, NASM18,

QP15, RN14, SMW⁺17, SMR15, SE17,

SLS⁺19, SGW⁺16, TLBM15, WHN⁺17,

ZW17, Bar13a, DKV14, ESAS14, LK10,

LQN⁺13, LOF20, MEP04, TTAG14, WBS10,

ZP09, ZZZ⁺12, ZC08, TBG⁺17].

Task-FIFO [TBG⁺17]. **Tasks**

[ARS16, AKD⁺18, BGS⁺18, CLJ⁺19,

FHB⁺17, HQE20, LJP17, LLZ⁺17, MBP14,

SD17, WHN⁺17, XZK⁺19, ZLL⁺19,

GNW05, HGL14, LP10, MALM04, SPP⁺10,

XQ07, ZC04a, ZX08]. **taught** [GT05].

Taxicab [ZWH⁺16]. **TBES** [CDH⁺16].

TDES [DSB17]. **Team** [HB16]. **Technique**

[BRR19, HPS13, LX16, YCK⁺18, BMS13,

JGD⁺09, ÖNG08, RP11, RMD09, ZXS03].

Techniques [ABS⁺19, JEP16, KKK⁺11,

KKL⁺16, KDN⁺07, LEPP13, LBS15,

SWJ⁺13, AP09, AFL13, BMP03, ESAS14,

KM09, KK05b, SAYN09]. **Technologies**

[ZQC16, BMP03, HTLC10, WP11].

technology [DWCM14, SBF⁺05]. **TECS**

[DST19, TEC12, CJL17, CGZ18, Shu20b].

telecom [YCLV⁺02]. **Temperature**

[BGO17, HDG⁺14, JLW⁺15, NZCS19,

SP19b, HCQ⁺14, KT14, LOXL13, TSBY13].

Temperature-Aware [JLW⁺15].

temperature-based [KT14]. **Template**

[CDH⁺16]. **Template-Based** [CDH⁺16].

Temporal [AFS⁺13, BTL⁺12, KDB19,

LC17, LLN⁺14, MKS⁺17, SRNW16, BvB13].

Ten [PL13]. **Tensor** [CLW⁺20].

Tensor-Compressed [CLW⁺20]. **Term**

[GSS⁺18, JC12, DLC⁺14]. **Terminal**

[CLW⁺20]. **terminals** [ISTE08, ISE10].

TESLA [LN04]. **Test** [CMK12, FKS⁺19,

GE18, KPK⁺19, MKMGS18, SPDLK⁺17,

SHK⁺19, TSW⁺17, BMS13, KM09].

Test-case [FKS⁺19]. **Test-Driven**

[MKMGS18]. **Test-pattern** [KPK⁺19].

Testing [BLG⁺15, BSV17, DHJ⁺17, DHF18,

FMSS15, KH18, LZJ⁺19, MKS⁺17,

VKDG19, GLT⁺13, WLT12, BSV17]. **Tests**

[MKR13]. **TF** [YLDM19]. **TF-Net**

[YLDM19]. **Theoretic**

[SR12b, CAP⁺07, SPK⁺12]. **theoretical**

[MTL14]. **Theory**

[CCKM16, Cul13, HB16, KMP15, KB17,

MHT13, WDY⁺16, MRT13, BSKB⁺09].

Thermal [ARS16, AHMT17, DAHM16,

DLRTB⁺19, FS13, HFA⁺14, HH13, LSC19,

LQN⁺13, LLG⁺20, SP19b, CCY⁺13].

Thermal-Aware

[FS13, LSC19, DLRTB⁺19, HH13, LQN⁺13].

Thermal-Resilient [HFA⁺14]. **Things**

[BCHL19, BHXP19, BGJ17, RRM16,

SXH⁺19, Shu15a, ZSY19]. **Thou** [Shu15b].

Thread [MFG17, PLM⁺15, SPB⁺17, ZP11,

CRAJ10, Dea06, KASD07, SD13].

Threaded [VCM19, WZM17]. **thReads**

[LKB14]. **threat** [Geb04]. **Threshold**

[GWZ16]. **Thresholds** [ZGZ15].

Through-Silicon [MSCS16]. **Throughput**

[AV20, HG09, HFG13, HCQ⁺14, LS17, LX16,

MCM⁺17, WLK⁺19, ZDTM19, THON12,

WBS10]. **throughput-constrained**

[WBS10]. **Throughput-driven** [HG09].

Throughput-memory [HFG13].

Throughput-Optimized [AV20]. **Thru**

[SYC⁺17]. **Thumb** [CYH⁺17]. **Tiered**

[MBB⁺15, GJ13]. **tight** [VLX07].

Tightening [RM10, RDP17]. **tile** [Mus10].

tile-based [Mus10]. **Tiling**

[VGN18, KK05a]. **Time** [ARS16, AbSZ⁺19,

ACR17, AYS15, BMAB16, BBB16, BE17,

BGS⁺18, BB13, BB15, CQV⁺13, CKGN14,

CLS16, CQB⁺15, DHL17, DJZ13, EVS⁺17,

FBM16, GAG15, GZZ⁺16, GE18, HGW⁺20,

HSMS16, HFA⁺14, HHC⁺16b, JSZ⁺19,

JAD19, JGX⁺18, JBCS16, KSS16, KCJ⁺16,

KJKM16, KR18, KMP15, KB17, LCD18, LN19, dFMA_{dN}12, LZL15, LX16, LL18, MM16, MZG15, NPAG12, OSF19, Pau14, PNRC17, REPL15, RG14, RMK17, SCG15, SMR15, SE17, SP19a, Shu20b, SPB⁺¹⁷, SLCS16, SCS16, SLE⁺¹⁷, SGW⁺¹⁶, SD17, TSP15, TKT15, UBF⁺¹⁶, WDJ⁺¹⁸, WMGR12, WHN⁺¹⁷, WWG⁺¹⁸, WZ12, XLY18, YGD⁺¹⁹, ZDZ14, ZPZG17, ZJC⁺¹⁷, ZLL⁺¹⁹, ZSJ2, AC08, AMCM06, AF14, AFL13, ABC⁺⁰⁷, ABI⁺⁰⁹, AFG08, BZG19, BVGVEA10, BFST19, BBL09, BCS⁺⁰⁶, CMV10, CKL04, CHK14b, CRJ10, CRM14, CHTC07, CCAP12, CRAJ10, DVC⁺⁰⁷, DLRTB⁺¹⁹, DF14, DSW⁺⁰⁹. **time** [DW10, GNW05, GHB13, GNS04, HQE20, HMM04, HT06, HTLC10, HHB⁺¹², HCQ⁺¹⁴, KBDV08, KW10, KASD07, KTT13, LSK⁺⁰⁸, LES14, LQN⁺¹³, LLR14, LHX⁺¹⁴, LOF⁺²⁰, MMSN14, MEP08, MRY⁺¹⁰, MVS⁺¹³, MALM04, MAG14, MLL08, MKD13, DWCM14, NDB09, NNH⁺¹⁴, PMM⁺¹³, PAP⁺¹², PL10, PS10, QH07, RMM03, SE10, SP10, SKPL10, SL08, SE07, SC05, TM07, TTAG14, TSCC05, UDB06, WMT12, WP11, WAD14, WEE⁺⁰⁸, YZ08, YK03, ZC04a, ZC04b, ZB13, ZX08, ZJZL20, Zhu10, ZZZ⁺¹²]. **time-** [KASD07]. **time-aware** [GHB13]. **time-portable** [ABI⁺⁰⁹]. **Time-Triggered** [BBB16, NPAG12]. **Time/Run** [WWG⁺¹⁸]. **Time/Run-Time** [WWG⁺¹⁸]. **Timed** [DLRTB⁺¹⁹, Ise17, NCJF18, BS13b]. **Timeliness** [YGD⁺¹⁹]. **Timely** [SHL⁺¹⁷]. **timeout** [KR14]. **Times** [AKD⁺¹⁸, DW10, MEP04]. **Timestamp** [MKS⁺¹⁷]. **Timing** [CD17, CLJ⁺¹⁹, DVCC19, MBKF15, MKS⁺¹⁷, SK13, TM07, TBEP16, WMRB17, AEF⁺¹⁴, CCB⁺⁰⁶, LLR14, MMR⁺¹⁰, TSBY13, VLX07, YRF10, SAMR06]. **Timing-Anomaly** [CLJ⁺¹⁹]. **Tiny** [GRCV03]. **TinyOS** [GLC07, McI13, MLV09]. **TIOA** [KSS16]. **TLB** [ZLL⁺¹⁸]. **TLC** [Kwo16]. **TLC-Based** [Kwo16]. **TLM** [BFQ10, CMK12, CD19, LLC⁺¹³]. **TLM-2.0** [CD19]. **TM** [PMM⁺¹⁷]. **Tolerance** [GAS⁺¹⁷, MAGR15, PMM⁺¹⁷, XKK17, AFG08, ZC04b]. **Tolerant** [BHD15, CPC17, DSB17, IPEP12, MCP17, SA18, SSH14, TMXS17, WDM17, BGD14, JGD⁺⁰⁹, LLR14, PS08a, PAP⁺¹², RMH04b, VSSS13]. **Tomahawk** [AMN⁺¹⁴]. **Tool** [BKMG12, BGRV15, BMB16, MFMA17, ZLL⁺¹⁸, CCA⁺¹³, GGGK08, IBMK10, LAN06, PJJ⁺¹⁴]. **tools** [LP09a, WEE⁺⁰⁸]. **Toolset** [LL15]. **Topologies** [BCS16]. **torque** [ZBCM09]. **Trace** [LL15, MZG14, UM13]. **Trace-Based** [LL15]. **Traces** [CMP17, MZG15, NCJF18]. **Tracing** [PM19, SK19, ZLL⁺¹⁸, ZXCH13]. **tracking** [ZHM⁺¹⁴]. **Tractable** [AF14]. **Trade** [CRCR13, IPEP12, LDV12, MCM⁺¹⁷, ZRF⁺¹², CLK13, GFC⁺¹⁰, HFG13, SD08, SM13b]. **Trade-Off** [ZRF⁺¹², CRCR13, CLK13, HFG13, SD08]. **Trade-Offs** [IPEP12, MCM⁺¹⁷, LDV12, GFC⁺¹⁰, SM13b]. **Tradeoff** [JBDD20, MLR⁺¹⁷]. **tradeoffs** [LPB06]. **Trades** [OSA⁺¹⁸]. **Traffic** [MAKO19, OSF19, WRB15, YFPJ14]. **Training** [WCK⁺¹⁹]. **Trajectories** [ZWH⁺¹⁶]. **Trajectory** [LHYQ18]. **transaction** [SD08]. **Transactional** [PMM⁺¹⁷]. **Transactions** [BLG⁺¹⁵, Shu18c]. **Transfer** [ANARR⁺¹⁹, ZBCM09, WLH16]. **Transfer-based** [ANARR⁺¹⁹]. **Transformation** [MFMA17, SPC⁺¹⁶, LLPM07, MBFT09]. **transformational** [WBF⁺⁰⁶]. **transformations** [AFG08, FRRJ07, FO03]. **Transient** [GSS⁺¹⁸, VS08, YZA13]. **Transition** [BV15, GZ12, HPS13, SMW⁺¹⁷]. **Transition-Based** [HPS13]. **Translating** [TSCC05]. **Translation** [CYH⁺¹⁷, HLF⁺¹⁸, JKJ⁺¹⁰, KPK⁺¹⁹,

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BHXP19, BAR13c, CL13, CRCR13, CMP17,

DLRTB⁺19, DL12, FKJM18, FGL⁺19,

FLF17, GSS⁺18, GZZ⁺16, GGJ12, HDZL20,

HB16, HPS13, HCL⁺17, JLSP18, KKK⁺11,

MSSH19, MM16, MV16, MSD17, NS17,

NWA12, NGL17, NDZ13, Pau14, PP12,

QWY⁺18, RC17, SOL⁺16, SK19, SR12b,

SKN17, SP19b, SIC19, SLE⁺17, VF17,

WWTSM19, WRB15, WZH13, YF19,

ZWH⁺16, ALZR19, BSKB⁺09, BAR13b,

BGVZ11, BCS⁺06, CLR05, DNNP14,

GGGK08, HMM04, HPLD09, KBDV08,

KMB07, KM09, KASD07, KTT13, LPC⁺07,

MSCJ12, MMS06, MSR⁺17, MMD04,

MSH⁺14, NKP⁺12, NRL13, OBA⁺17,

OMA⁺13, OOAL06, OP06, P JL⁺14, PSZ12b,

SHME13, SB08, SWWY13, TSG10, UDB06,

WCJ07, WMRB17, ZKKC05]. **Utility**

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Value [UM13, YG02]. **valued** [VF17].
Variability [PSZ12a, PAP+12, BJM13, SGT+13].
Variability-Aware [PSZ12a].
Variability-tolerant [PAP+12]. **Variable** [CD19, GVS+20, MWS15, SR12a, BAR13b, KD08, KK05b, LXL13, OOAL06].
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Verifying [MLL08]. **Versus** [CSW15, Shu19d]. **vertical** [STY+14]. **Via** [FKS+19, MSCS16, AAS18, CBRZ19, FS13, Gar05, HLF+18, JBDD20, LPFL16, L XK10, LHYQ18, LJLT17, LYY+17, MBLA16, PS08a, SC17, SHQX19, TBCB15, VKW+17, WLK+19, WCM+16]. **Video** [CLW+20, FS13, GDC19, JCW+16, KKD+12, LDV12, PJWY12, PCBW13, RMK17, LCJ13, PÖG+13]. **viewpoint** [MTL14]. **Violations** [CMP17]. **ViPES** [CS16, Goe14]. **Virtual** [CMP17, DSXS+14, Goe14, KCWH14, MBLA16, SL16, SLB+15, SXXS+16b, SXXM+18, VKW+17, ABC+07, CH08, CGV10, NKP+12, ZP08, CS16].
Virtualization [BE17, CWH+16, JAD19, KR18, LRZ16, SJRS+13a]. **Virtualized** [SDBD18]. **VirtualSoC** [BMB16]. **Vision** [HLLL12, LMS+19, WJ17]. **Vision-assisted** [WJ17]. **VISTA** [KZH+06]. **Visualizing** [PP12]. **VLIW** [CIC+08, CIC+09, MG05, SCS16, SWX17, TBDdD11, ZTD+06].
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Water [CLL+18]. **Wavelet** [CCP+19, MM16, GFC+10, PZ12].
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Wireless [AZHC19, ABC+17, BTL+12, CLL+18, CNC13, DS11, FBM16, HPBL12, HSR18, JGX+18, KKD+12, LOD18, MAGR15, PP12, TSW+17, VKDG19, YCK+18, ZZX+15, ZH12b, ZO16, CTK+13, CD10, CHTC07, DLC+14, GW08, GHZH14, HBSA04, JLSK13, KS10, KAK05, KXL10, KDN+07, MVS+13, MLV09, PCM12, PS04, QRB10, RGSS04,

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Worst [KT14, LOF20, MKE18, NS16,
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