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000-core [DAKK19].
2.5D [SKP⁺22]. **2014** [Aca16, Ano15].
4.0 [KHB⁺20].
6 [KWM⁺08]. **64-bit** [BWLR06, VED07].
7 [BKM⁺17]. **754** [LDG⁺13].
A-DFA [BC13]. **Abakus** [WZX⁺24].
Aborts [RLS15]. **ABS** [AGI⁺12]. **Abstract** [LMA⁺16, PD17]. **Abstracting** [JSH09].
Abstraction [RLBBN15, ZM15, RCV⁺12].
Accelerate [CNS⁺16b, LCW⁺23].
Accelerated [HS05, SWF16, VZT⁺20, ZPL⁺21, ZLM⁺23, GMZ⁺21, JED19].
Accelerating [BAZ⁺19, CGP23, DAKK19].
2 [BSL17, LLC22, LD24, SKP⁺22]. **3** [CAY⁺18, CWMC16, DVG⁺23, JHH⁺23, LGP⁺16, LLC22, LD24, NRQ16b, SZJK18, SKP⁺22, ZSLX13]. **3** [CCZ13, DDT⁺17]. **K** [Abd20, WZX⁺24]. **QR** [BHWN21]. **Z** [SLM12].
***** [SCFD22].
-D [CAY⁺18]. **-means** [Abd20]. **-mer** [WZX⁺24]. **-polytopes** [SLM12]. **-Tree** [WX24].
/channel [LCL⁺14].

FPK⁺²⁴, GGYK19, GÁSÁ⁺¹³, GR15, HHW⁺²², JYJ⁺¹³, KFJ20, LCP⁺²¹, LWF⁺¹⁶, LGH⁺²¹, RMA14, SJC⁺²¹, TMP16, WPR⁺²², WZX⁺²⁴, XSF⁺²³, ZBC⁺²², HWX⁺¹³. **Acceleration** [Abd20, BHWN21, GÁSÁ⁺¹⁶, HAC13, HBPH24, RVKP19, WFKL10]. **Accelerator** [CLA⁺¹⁹, DLS22, MCB⁺¹², MMLS21, QAT24, RJK24, SMN22, SNK⁺²³, XLH⁺²⁴, YXMC23, YZZ⁺²³, YCA18, LHWB12, TWB21, VDSP09]. **accelerator-based** [LHWB12]. **Accelerator-bound** [CLA⁺¹⁹]. **Accelerators** [CKP⁺²², ICEDR24, JHHM21, KCA⁺¹³, KMG14, LWC⁺²², LSH⁺²³, MTK18, MFSK24, SJD22, USCM16, BKA13, CI13]. **Access** [CG15b, CSK19, GFD⁺¹⁴, HK14, LGP⁺¹⁶, LHC⁺¹⁷, LWS⁺¹⁹, LTX16, PWE20, SKH⁺¹⁶, XHJY16, XVT20, CLA⁺¹⁹, FTLG11, HLR⁺¹³, HCC⁺¹⁴, JSH09, KCKG14, LWH11]. **Accesses** [CSY20, HEDH21, XHL⁺²⁴]. **Accounting** [LMA⁺¹⁶, DEE13, LMCV13]. **Accumulate** [GG18]. **Accumulation** [ZBC⁺²²]. **Accuracy** [AAI⁺¹⁶, ASS17, AMS23]. **Accurate** [NDP17, PDCS24, SCMU22, SMM⁺²³, WAST16, LMJ^{+13b}]. **ACM** [Aca16, Ano13a, Ano15, Bil19]. **Across** [ELE⁺²³, FDF⁺¹⁴, NDP17, SW17a]. **ACTION** [MK23]. **Activation** [DQCK24]. **activations** [JLCR13]. **Active** [KHS⁺¹⁴]. **Adapt** [DGI⁺¹⁴, PGB13]. **adaptation** [DJB13, LGAZ07, SS04]. **Adapting** [GHH15, LBJ05]. **Adaptive** [CG14, CWMC16, FQRG13, GWZ22, GFD⁺¹⁴, HWX⁺¹³, JRK16, Lee16, LYH16, LGH24, MK23, Per18, SOAK23, WCI⁺¹⁶, WM11, AGI⁺¹², JML⁺²⁰, MAN⁺⁰⁸, RBM10, SW13, YRGES⁺¹⁹, ZK05]. **Adaptively** [ZCF18]. **Adaptivity** [DRHK15]. **ADC-less** [RJK24]. **Address** [AKBS21, BDB⁺²⁰, CTY⁺²³, JED19, OAM19, SKAEG16, YSH⁺²², ZCDD23, CCZ13, VS08, ZPC06]. **Address-first** [OAM19]. **Addressability** [YXS⁺²²]. **Addressing** [WA08, CWCS13]. **Admission** [LWW⁺²⁴]. **Advancing** [FSP⁺²³, TZK18]. **Affine** [AP17, NCC13, SLM12]. **Against** [BCHC19, ERAG⁺¹⁶, PHBC17, BVIB12, SDK⁺²², ZHS⁺¹⁹]. **Agent** [JPS17, KKL⁺²⁴]. **Aggregate** [LY16]. **Aggregation** [AYC16, JZY⁺²²]. **Aggressiveness** [PB15]. **Aging** [DGI⁺¹⁴, KKW⁺¹⁵, LRBG15]. **Aging-Aware** [LRBG15]. **Agnostic** [SLJ⁺¹⁸, ZDC⁺¹⁶]. **agreement** [GMW09]. **Ahead** [PKPM19]. **Ahead-of-Time** [PKPM19]. **Aho** [CW13, PLL10]. **AIM** [AYC16]. **ALEA** [MPW⁺¹⁷]. **Algebra** [APG⁺²³]. **Algorithm** [BC13, CRBP24, DGI⁺¹⁴, DTD16, LCW⁺²³, BRSJG12, CW13, CDPD13, HAJ⁺¹², PLL10, XC06, ZGC⁺¹²]. **Algorithmic** [AAI⁺¹⁶, NCC13]. **Algorithms** [Pro21, OGK⁺¹², VTN13]. **All-gather** [Pro21]. **All-photonic** [DLS22]. **Alleviate** [ZZH⁺²³]. **Allocation** [DHD⁺¹⁴, JCG⁺²⁴, KPM21, LDL22, PS12, RTK15, BZS13, CS10, GW09, RB13]. **allocator** [DHC⁺¹³]. **ALP** [SLA⁺⁰⁷]. **Alternative** [Mic18, SKPD19]. **AMX** [MFSK24]. **Analogue** [DSK19]. **Analyses** [SGS⁺²⁰]. **Analysis** [ACG24, AGG22, CLA⁺¹⁹, DZSL20, DSR15, FPK⁺²⁴, GAM12, GAH22, JK17, KR19, LMZ18, LLS23, MMdS06, SQZK20, SSW⁺¹⁹, VTN13, VGX16, XFS⁺¹⁹, ARS04, AFD12, FER⁺¹³, JOA^{+09b}, Nas13, SV05, SMK10, ZCW10]. **analytic** [XMM04]. **Analytical** [BEE15, AFD07, CA11]. **Analytics** [KPP21]. **Analyzer** [SCMU22]. **Analyzing** [WLWB19, XYY⁺²⁴]. **Anatomy** [LCP⁺²¹]. **Annotation** [MGA⁺¹⁷]. **Anomalies** [LDC15]. **Ant** [SGM⁺²²]. **Anticipating** [LJMG12]. **ApHMM** [FPK⁺²⁴]. **API** [CI13]. **Application** [GTT⁺¹⁶, LWC⁺²², OKJ⁺²², PLT⁺¹⁵, SCFD22, UDLD20, AS13, GÁSÁ⁺¹³, RCV⁺¹², SB09, TDP15].

Application-Guided [GTT⁺16].
Application-Level [PLT⁺15].
Application-oblivious [LWC⁺22].
Application-Specific [UDLD20].
Applications [ASS17, AZG17, APS22, CPG21, DMR⁺16, DTD16, DPBI⁺19, FWJ⁺16, GR15, HDW21, JYE⁺16, KPRK20, LWS⁺19, LSH⁺23, MST⁺21, MPU⁺23, NKH16, NMPS22, RHLA14, RSU⁺20, RMA14, RLBBN15, TMSR23, UPR22, WZG⁺19, XFS⁺19, CS13, DWDS13, HLR⁺13, KNBK12, MBKM12, STLM12, SV05, SLA⁺07, SLM12, YLTL04, ZG05].
Applied [LB10]. **applying** [ZWHM05].
Approach [AZG17, CNS⁺16b, CKP⁺22, EMR14, FDF⁺14, GGK18, KS16, MRK⁺22, RKL23, TS15, WAST16, WZG⁺19, ZX16, FT10, SSR13, WYJL10, YJTF13, ZCS06].
approachable [WHV⁺13]. **Approx** [AMS23]. **Approx-RM** [AMS23].
Approximate [DS12, SPS23, YPT⁺16].
Approximation [SMM⁺23, LTG12]. **Apps** [MPHL22, PCM16]. **Arbitrary** [PWE20, RHC15, WMGS19, WWGS22].
arbitration [XCC⁺13]. **Architecting** [CPB⁺07, NTV⁺22]. **Architectural** [CPS⁺15, DCP⁺12, HEMK17, KLA⁺19, LZZ⁺22, ME15, MTPK24, QSZ⁺21, WAST16, WZG⁺19, YHYBAM20, IMS⁺08, SB09, ZZQ⁺05, CWC06]. **Architecturally** [KBB⁺14]. **Architecture** [BOEN23, FBC⁺22, HK14, HLZ⁺24, KAC⁺18, LWS⁺19, OK21, PVS⁺17, SLJ⁺18, SM19, SHY14, SWF16, SAM⁺23, VC16, VFJ⁺17, XMW⁺21, XVT20, ZFT⁺18, ZML⁺24, ARS04, BVIB12, BWG⁺12, CPB⁺07, DJX13, GKP14, GSZI10, JYJ⁺13, JA14, LNLK13, PM12, STLM12, SNL⁺04, SRLPV04, SSPL⁺13, ZK06].
Architecture-Agnostic [SLJ⁺18].
architecture-independent [BVIB12].
Architectures [ÄJE⁺16, ASK⁺16, ASP17, CG15a, CEP⁺16, CDPN16, GR15, HAM17, HAM19, HHW⁺22, JLJ⁺18a, JLL⁺23, LAS⁺13, LZM14, MST⁺21, MK23, PT17, RMA14, SJL⁺20, ZLYZ16, ZCQ⁺19, BBG13, BWLR06, BTS10, CG14, CK11, CDM13, KCP13, LKL⁺13, OGK⁺12, RCV⁺12, SSK11, SD12, SB09, TC07, TDG13, VE13, YXK⁺12].
Area [LAS⁺13, MP22, MPU⁺23, SB09].
Area-Efficient [MPU⁺23, SB09]. **ARI** [FQRG13]. **Arithmetic** [LVR⁺15, UDLD20, BWG⁺12]. **ARM** [GDL16, HZN⁺22, LHW⁺19, SHY14, SPH⁺17]. **ARM-to-x86** [LHW⁺19].
ArmorAll [KPRK20]. **Array** [DSK19, WG17, XMW⁺21, BWLR06, KLMP12].
Arrays [LMSE18, TD16, YSD⁺23]. **Arrival** [Pro21]. **ARSEC** [DDT⁺17]. **Art** [MWJ19].
As-Is [SPS23]. **ASA** [ZBC⁺22]. **ASM** [SOAK23]. **Assembly** [LVR⁺15]. **Assessing** [FCVR24]. **Assigned** [DCL⁺22].
Assignment [CSW⁺23, JOB⁺22].
assistance [JOA⁺09a]. **Assisted** [CDPN16, HNKK17, JDZ⁺13, KKAR16, PHBC17, CST⁺06, ZZL⁺21]. **associative** [HL07, KWCL09]. **associativity** [YJTF13].
Asymmetric [ZCQ⁺19, CG14, CCPG13, PCT12, SW13].
Asymmetry [LHW⁺19]. **Attack** [DHX⁺22, LFK19]. **Attacks** [BCHC19, CWK⁺24, ERAG⁺16, PHBC17, SKS23, ZHS⁺19, BVIB12, CCD12, DJL⁺12].
Attribution [TMSR23]. **AUKE** [DSK19].
Auto [APG⁺23, CG15a, SAT20, WG17].
Auto-Tuning [CG15a, WG17, APG⁺23].
Auto-Vectorizing [SAT20]. **Automata** [EZYA23, LZZ⁺22, VW11]. **automatable** [AFD07]. **Automated** [ASS17, BSSS14, BCHC19]. **Automatic** [AMG16, DSK19, HEDH21, JLER12, LBO14, LT13, MGA⁺17, NC15, RB13, TPB24, WLZ⁺13, WGO15, WM10, XZC⁺20, SPS12, WKCS12]. **Automatically** [VZT⁺20]. **Automating** [TWB21].
Automotive [FWJ⁺16]. **Autonomously** [DGI⁺14]. **Autotuning** [AMP⁺16, CCA20,

SYE19, TIP⁺23, YAG⁺16, KBR⁺13, LFC13]. **Autovesk** [TPB24]. **Availability** [OK21]. **Avionics** [DPBI⁺19]. **AVPP** [OAM19]. **Aware** [APG⁺23, ACA⁺19, BB21, DGI⁺14, CG15a, DTD16, DHX⁺22, DHD⁺14, GVT⁺17, JYW22, KFEG18, KMAK22, LYH16, LHS⁺24, LRBG15, MN24, PDCS24, PVA⁺17, PG17, RJK24, RSK⁺18, SEF⁺19, SLJ⁺18, SJD22, SCK⁺21, SKH⁺16, SZJK18, SKPD19, SGM⁺22, UPR22, USCM16, WLZ⁺13, WJXC17, ZPL⁺21, ZCQ⁺19, ZZH⁺23, ZWY17, BOEN23, CPB14, CG14, CHD⁺23, CLA⁺19, CWCS13, EE09, GGFPRG12, HAM⁺20, KABS22, NB13, RB24, SLS⁺21, SSS⁺04, SAL19, SL20, SEP07, WYJL10, WSC⁺13, WDXJ14, YZZ⁺23, ZYCZ10, ZDC⁺12, ZK06, JZY⁺22]. **Awareness** [HLSW17, LKL⁺13].

B [WX24]. **Backup** [LYLS24]. **Bahurupi** [PM12]. **Balancing** [LLRC17, PGB16, WWH⁺16]. **Band** [SPS17]. **Band-Pass** [SPS17]. **Banded** [BSL17]. **Bandwidth** [LGP⁺16, LDMZ19, ZCCD16, ZCQ⁺19, DZC⁺13, WYJL10, XCC⁺13]. **Bandwidth-Asymmetric** [ZCQ⁺19]. **Bank** [JFK20, LCL⁺14, XGD⁺23]. **bank-** [LCL⁺14]. **bank-/channel-level** [LCL⁺14]. **banked** [AGI⁺12]. **Banking** [MP22]. **Banks** [ZCF18]. **Bare** [RKL23]. **Bare-wire** [RKL23]. **Barrier** [CDM⁺22]. **Base** [AGG21]. **Base-2** [AGG21]. **Based** [ÄJE⁺16, CNS⁺16b, CG15a, CTY⁺23, CCL⁺24, CG15b, DSR15, DAD16, DAP⁺15, DWF⁺23, ELE⁺23, EZYA23, FDF⁺14, GAM12, HYYBM16, JPS17, JHQ23, KS16, LCS⁺19, LLC22, LTX16, LLLW22, LWW⁺24, LY16, LYLS24, MNC⁺16, MTK18, NC15, RAF22, SBS16, TAB⁺21, WGO15, WDX15, WCI⁺16, WWC⁺16, WMGS19, WDW⁺22, WLLW20, XHJY16, XFS⁺19, YHYBAM20, ZX19, ZLC⁺15, ZSM⁺16, ZGX22, AvRF07, AGG22, BCVT13, CPP08, CWK⁺24, CW13, GK13, HLR⁺13, HAJ⁺12, HWM14, HWX⁺13, JYJ⁺13, JFK20, JML⁺20, JLL⁺23, JRH21, KPRK20, KBR⁺13, LBO14, LTG12, LCL⁺14, LHWB12, MRK⁺22, MPHL22, OLK⁺23, OK21, PLK⁺19, PL23, RLS13, SS04, SKKB18, SSP⁺23, TKJ13, WSC⁺13, WTFO14, WWGS22, ZHD⁺04, ZGC⁺12, ZFT⁺18, ZXX23, ZML⁺24, WGL⁺24, SNK⁺23]. **Batch** [FLW⁺24, SAG22]. **Batched** [JYM20]. **Batching** [SAG22]. **Bayesian** [AMP⁺16, MMLS21]. **Be** [SW17a]. **Behavior** [HPBS21, AFD07, LS10]. **Benchmark** [ABB⁺16, AYL⁺18, CCM⁺16, DDT⁺17, DS16, BE13]. **Benchmarking** [DAP⁺15, XZC⁺20]. **benchmarks** [JEBJ08]. **Benefits** [LWWH12]. **Benzene** [KAC⁺18]. **BestSF** [BJWS18]. **Better** [ZXX23, TBC⁺12]. **Between** [EPS17, NMPS22]. **Beyond** [AGG21, FER⁺13, LCP⁺21]. **Bias** [Lee16]. **Big** [ZLYW18, ZLC⁺15]. **Big-Memory** [ZLC⁺15]. **Bimodal** [TD16]. **Binary** [DGGL16, GDL16, HWL⁺19, LHW⁺19, RKC⁺20, SHY14, XYY⁺24, CDM13, GHS12, HS06, HLC10, LWH11, PKC12]. **bipartite** [BZS13]. **Bit** [TBS06, BWLR06, VED07]. **Bit-split** [TBS06]. **BitSAD** [DZSL20]. **Bitstream** [DZSL20]. **bitwidth** [NB13]. **bitwidth-aware** [NB13]. **Blaze** [PWPD19]. **Blaze-Tasks** [PWPD19]. **Block** [GFD⁺14, HAM⁺20, KTAE16, LLRC17, LTX16, MPPS18, MK23, TZK18, TAB⁺21, ZK06]. **Block-aware** [ZK06]. **Blocked** [BHWN21]. **Blocking** [JHQ23, IPSD21]. **Blocks** [HWJ⁺15, SYX⁺15]. **body** [WPR⁺22]. **Boltzmann** [PAVB15]. **Bones** [NC15]. **Boost** [KABS22]. **Boosting** [ASV⁺16, KH18, RLS13, BTS10]. **both** [BSWLE13, HP04, MP13]. **bottlenecks** [MMdS06]. **bound** [CLA⁺19, MBKM12]. **bounded** [HS06]. **Bounding** [XMM04]. **Bounds** [ESR⁺15, BWLR06, JRH21]. **BPM** [LCL⁺14]. **BPM/BPM** [LCL⁺14]. **Brain**

[vdVSAAS20]. **Brain-Simulation** [vdVSAAS20]. **Branch** [EPAG16, LIS20, LWL18, Mic18, CZ07, HWH⁺¹¹, Jim09, JSM⁺⁰⁴, LBJ05, MG12, TS05]. **branch-predictor** [JSM⁺⁰⁴]. **branch-target** [LBJ05]. **Branches** [DGGL16]. **Breakdown** [HYYBM16]. **bridging** [HCC⁺¹⁴]. **Bringing** [DDT⁺¹⁷]. **buddy** [KWCL09, ZJJ⁺¹⁵]. **Budget** [LWF⁺¹⁶]. **Buffer** [LDY⁺²¹, LSH⁺²³, SLH⁺²⁰, SL20, LBJ05, RB13]. **Buffering** [YMM⁺¹⁵, GPL⁺⁰⁵]. **Bugs** [AAI⁺¹⁶]. **build** [SSH⁺¹³]. **Building** [KRHK16, SGS⁺²⁰, WDX15, XZW⁺²²]. **BullsEye** [SMM⁺²³]. **Buri** [ZLC⁺¹⁵]. **Burst** [SLH⁺²⁰]. **Byte** [TDS⁺²¹]. **Byte-Select** [TDS⁺²¹].

C [CWW⁺¹⁶, NC15, NED⁺¹³, ZZB⁺¹⁹]. **C-to-CUDA** [NC15]. **C/C** [NED⁺¹³]. **C1C** [LZL⁺¹³]. **CACF** [ZFT⁺¹⁸]. **Cache** [CKPH19, CS21, CAGS17, DAD16, DVG⁺²³, GFD⁺¹⁴, HK14, HMYZ15, KR19, KAC⁺¹⁸, KAC15, KDMA23, LLRC17, LWS⁺¹⁹, Mic16, MK23, PLK⁺¹⁹, RGK⁺²³, RS21, SSW16, SBS16, SMM⁺²³, SKH⁺¹⁶, SSP⁺²³, SDS⁺²¹, SJC⁺²¹, SWO21, SLJ⁺¹⁹, TWB21, VPTS19, WSJ⁺²¹, WJXC17, YDL⁺¹⁷, ZWY17, ZWL⁺¹⁹, APG13, AGVO05, AGI⁺¹², AFD07, BSWLE13, CA11, CWS06, DJL⁺¹², FTLG11, GGFPRG12, GSZI10, HAJ⁺¹², KS11, KWCL09, LCC11, LZL⁺¹³, MMdS06, RFD13, SS04, SBC05, SSH⁺¹³, TKJ13, VSP⁺¹², WSC⁺¹³, WDXJ14, ZHD⁺⁰⁴, ZVYN05, Zha08, NTG13]. **cache-coherence** [MMdS06]. **cache-coherent** [APG13]. **cache-content-duplication** [KS11]. **Cache-Ways** [CS21]. **CacheInspector** [SDS⁺²¹]. **Caches** [CAGS17, CPS⁺¹⁵, GBD⁺¹⁵, JPS17, SBS16, WDX14, AIVL13, DJL⁺¹², HS06, HL07, KS11, KWCL09, LJMG12, MSK05, SSK11, SSC⁺¹³, VSP⁺¹², WDXJ14, WLZ⁺¹⁰, WM11, ZDC⁺¹²].

Caching [DNT16, LWW⁺²⁴, SYX⁺¹⁵, DZC⁺¹³, JOA^{+09a}, WFKL10]. **CACTI** [BKM⁺¹⁷]. **Caffe** [RSK⁺¹⁸]. **CAFFEINE** [PB15]. **CAIRO** [HNKK17]. **Calculation** [SMM⁺²³, YSH⁺²²]. **Caliper** [KLA⁺¹⁹]. **Call** [HZN⁺²², Lee16, MG12]. **Call-Site** [HZN⁺²²]. **Calls** [DKK⁺²¹]. **Camouflage** [PDCS24]. **Capability** [AHA⁺¹⁹, DGI⁺¹⁴]. **Capacity** [GBD⁺¹⁵, SSK11, WM11]. **Captioning** [HHW⁺²²]. **Captures** [MPHL22]. **Capturing** [XDXL19]. **CARL** [DCL⁺²²]. **CART** [CDPD13, CDPD13]. **Case** [ANS⁺²², KH18, MMS15, MKC⁺²², SKAEG16, SSRS15, AFD12, RPS06, WK09, LB10]. **CASHT** [GAH22]. **CATCH** [KS11]. **Caused** [SYX⁺¹⁵]. **CAVA** [CST⁺⁰⁶]. **CC** [CCZ13]. **Cell** [SSP⁺²³, YMM⁺¹⁵, STLM12]. **Cell-based** [SSP⁺²³]. **cells** [JSM⁺⁰⁴]. **Center** [FXC⁺¹⁵, JYW22]. **centers** [AVG12]. **Centralized** [LDY⁺²¹]. **Centric** [CKP⁺²², JLJ^{+18a}, SJL⁺²⁰, XGD⁺²³]. **Cerberus** [HBPH24]. **CERE** [DAP⁺¹⁵]. **CG** [MAD17]. **CG-OoO** [MAD17]. **CGRA** [HAC13]. **CGRAs** [CPG21]. **Chain** [FPMR21]. **chains** [SSH⁺¹³]. **Chameleon** [WFKL10]. **Change** [HASA16, JDZ⁺¹³, NTV⁺²², YMM⁺¹⁵, ZDC⁺¹²]. **Channel** [BCHC19, BVIB12, Bis21, DJL⁺¹², JFK20, LFK19]. **channel-level** [LCL⁺¹⁴]. **Channels** [DJC16, EPAG16, JHQ23]. **chaotic** [LTG12]. **Characterization** [CVB15, HKA⁺¹⁹, HPBS21, DS12, FER⁺¹³, VW11]. **Characterizing** [BCM11, ZNTJE23]. **Check** [JRH21]. **Checking** [KK15, BWLR06, MG13, MFSK24]. **Checkpoint** [GW09, ARS04, CST⁺⁰⁶]. **checkpoint-assisted** [CST⁺⁰⁶]. **Checkpointing** [AEE⁺¹⁹, WZG⁺¹⁹, DXMJ11]. **Chief** [Kae20]. **Chip** [BKM⁺¹⁷, CS21, CCL⁺²⁴, CPS⁺¹⁵, CEP⁺¹⁶, DJC16, EPS18, LBM13, VFW16,

ZNTJE23, APG13, BKA13, CK11, EE11, GSZI10, JPS17, LWWH12, LT13, LNLK13, LAS⁺⁰⁸, LM05, LPZI12, LDL22, LMMM08, SSH19, SMK10, TDG13, XCC⁺¹³. **Chiplet** [CWK⁺²⁴]. **Chips** [LCS⁺¹⁹, ZM15]. **choices** [VE13]. **Chunking** [MG20]. **CIB** [LDY⁺²¹]. **CIB-HIER** [LDY⁺²¹]. **CIM** [JLL⁺²³]. **Circuit** [ZFT⁺¹⁸, DJX13]. **circuit-architecture** [DJX13]. **Circuits** [KKW⁺¹⁵]. **Circuits/Cores** [KKW⁺¹⁵]. **Citadel** [NRQ16a]. **Class** [AAI⁺¹⁶, PAVB15]. **Classes** [JHQ23]. **Classification** [DRHK15, MCB⁺¹², SNN⁺¹⁹, CDPD13, LMJ13a, NCC13]. **client** [KWM⁺⁰⁸]. **Climate** [GMZ⁺²¹]. **Clock** [CCL⁺¹³]. **Closer** [HZN⁺²²]. **Cloud** [CSW⁺²³, CKL⁺²⁴, QYZ⁺¹⁴, RB24, XZW⁺²², XZC⁺²⁰]. **Cloud-scale** [CKL⁺²⁴]. **Clouds** [SDS⁺²¹]. **Cluster** [SKKB18, YCA18, TC07]. **Clustered** [LZM14, MMS15, ACGK04, SW13]. **Clustering** [MNC⁺¹⁶, WMGS19, DS12, JLCR13, SB09]. **Clustering-Based** [MNC⁺¹⁶, WMGS19]. **Clusters** [KHS⁺¹⁴, MMS15]. **CMP** [CPB⁺⁰⁷, LMCV13, SSK11, SLJ⁺¹⁸, WM11]. **CMPs** [ABK21, LMJ13a, LY16]. **CNN** [CSR22, JHH⁺²³, XLH⁺²⁴]. **CNNs** [JML⁺²⁰, QAT24]. **Co** [AHA⁺¹⁹, JPS17, KHN⁺¹⁸, LZW23, SOAK23, ZFT⁺¹⁸, ZPH⁺²³, DJX13, YLW08]. **Co-iteration** [ZPH⁺²³]. **Co-located** [LZW23, SOAK23]. **Co-location** [KHN⁺¹⁸, YLW08]. **Co-optimization** [JPS17, ZFT⁺¹⁸, DJX13]. **Co-Processor** [AHA⁺¹⁹]. **coalescing** [SSU⁺¹³]. **coalescing-lowering** [SSU⁺¹³]. **Coarse** [LMSE18, MAD17, TD16, KCP13]. **Coarse-Grain** [LMSE18, MAD17]. **Coarse-Grained** [TD16, KCP13]. **Coarsening** [SF18]. **COBAYN** [AMP⁺¹⁶]. **CODA** [KHN⁺¹⁸]. **Code** [DKK⁺²¹, CZ07, DSK19, HZN⁺²², CDM⁺²², JCG⁺²⁴, KL19, PAVB15, PKPM19, SYE19, TMSR23, TPB24, ZPH⁺²³, AvRF07, CDM13, GNB08, HLR⁺¹³, HS06, JLER12, KBR⁺¹³, LKL⁺¹³, LBJ05, LZYZ09, LHY⁺⁰⁶, PKC12, RCG^{+10b}, VJC⁺¹³, ZK05, ZWHM05]. **Code-level** [TMSR23]. **code-positioning** [ZWHM05]. **Codelet** [DAP⁺¹⁵]. **Codes** [CWMC16, LCW⁺²³, TZK18, AFD07, AFD12]. **Codesign** [KCA⁺¹³]. **Codesigned** [KMG14]. **Coding** [PM17]. **Coherence** [ANS⁺²², CWK⁺²⁴, DRHK15, KBB⁺¹⁴, KAC15, PL23, MMdS06, SSH⁺¹³, VHKP11]. **coherent** [APG13]. **Collaborative** [LLLW22, FT10]. **collapse** [CWCS13]. **Collection** [ASV⁺¹⁶]. **Collective** [FT10]. **collector** [WK09]. **colocated** [DWDS13]. **Colocation** [LSL20]. **Colony** [SGM⁺²²]. **Coloring** [YWXW12, LFX09]. **Column** [ZBC⁺²²]. **Column-wise** [ZBC⁺²²]. **Combination** [LDMZ19]. **Combinatorial** [SKPD19, SSR13]. **combined** [BWG⁺¹²]. **Combining** [VSP⁺¹², YRGES⁺¹⁹]. **CoMeT** [SKP⁺²²]. **Commodity** [GWZ22, WDX15]. **common** [WK09]. **Communication** [DSR15, HAM17, TN20, XDXL19, XDW⁺²³, HWX⁺¹³, SSPL⁺¹³, TC07]. **communications** [ACGK04]. **Compact** [HEMK17, QAT24, SHC13]. **compaction** [WK09]. **Comparability** [YWXW12]. **Comparative** [LAS⁺⁰⁸]. **Comparators** [YEI⁺¹⁴]. **comparison** [FBWS13]. **CompEx** [PM17]. **Compilation** [DMR⁺¹⁶, HZN⁺²², JLL⁺²³, KVH23, LT19, LLLW22, LRBG15, PKPM19, RVKP19, SYE19, SN17, ZC20, CI13, JK13, KHL⁺¹³, LBO14, LZYZ09, PC13]. **Compile** [KTAE16]. **Compile-Time** [KTAE16]. **compiled** [NED⁺¹³]. **Compiler** [AMP⁺¹⁶, ABP⁺¹⁷, BKS⁺²², CGP23, CCD12, DZSL20, DCL⁺²², DMG13, EAH⁺²⁰, EPS17, GGK18, GMZ⁺²¹, HNKK17, HYBR⁺¹⁵, JRH21, KPRK20, KPP⁺¹⁵, LFX09, MNC⁺¹⁶, MG12, MPHL22, NKH16, NC15, PHBC17, FCVR24, ZSCM08, ZX16, CYXF13, DC07, HWM14, HLC10, JOA^{+09a},

JOA^{+09b}, KBR⁺¹³, KWM⁺⁰⁸, LZL⁺¹³, LCH⁺⁰⁴, TR13, YXK⁺¹², ZHD⁺⁰⁴.
Compiler-Assisted [HNKK17, PHBC17].
Compiler-based [JRH21, KPRK20, ZHD⁺⁰⁴].
Compiler-Directed [HYBR⁺¹⁵, LFX09].
compiler-guided [LZL⁺¹³].
Compiler-Oriented [GGK18].
Compiler-support [EAH⁺²⁰].
Compiler/Runtime [KPP⁺¹⁵].
Compilers [PBCB22, SAT20, CDM13, HEL⁺⁰⁹, SD12].
Compiling [LSH⁺²³]. **Complex** [SSS⁺²⁴, SHD15, vdVSAAS20, SLA⁺⁰⁷].
Complexities [GHH15, ZBH⁺¹³].
Complexity [GG18, KAC15, LNFE22, CPP08, DJL⁺¹², RPS06, SRLPV04].
complexity-effective [RPS06].
component [LGAZ07]. **Composable** [FBC⁺²²]. **Comprehensive** [CPS⁺¹⁵, HKA⁺¹⁹]. **Compressed** [SSW16, ZML⁺²⁴, DZC⁺¹³]. **Compression** [BC13, KPM17, LMSE18, PM17, RS21, SW17a, TDS⁺²¹, WYZ⁺²³, KGK10].
Compression-Expansion [PM17].
Compression/Decompression [LMSE18].
Compressive [WCI⁺¹⁶]. **Compromising** [Bis21]. **Computation** [CWW⁺¹⁶, DJZ⁺²³, HAM17, JHHM21, JLL⁺²³, KHN⁺¹⁸, VZT⁺²⁰, DDU12, LFC13].
Computational [CRC⁺²¹].
Computationally [DSH⁺¹⁸].
Computations [BKS⁺²², PAVB15, SQZK20, SHS⁺²⁰, CYXF13]. **Compute** [DAKK19]. **Computers** [LD24].
Computing [BSG23, DZSL20, DSH⁺¹⁸, KHS⁺¹⁴, LCS⁺¹⁹, Lou19, ME17, MPU⁺²³, PKL⁺²⁴, PWP19, SW17b, SPS23, TCS16, XZC⁺²⁰, XGD⁺²³, ZLYW18, ZLC⁺¹⁵, AVG12, LM05].
conceived [APG13]. **Concise** [WX24].
Concurrency [AAI⁺¹⁶, GMGZP14, ME17, MLB⁺²³].
Concurrent [LDMZ19, MKS22, PCM16, WX24, ZZH⁺²³].
Conditional [Mic18]. **conditionals** [JSL13].
Configurable [NRQ16b, TGRK21, XMW⁺²¹, HVJ06, LZL⁺¹³]. **Configuration** [LL22]. **Conflict** [JFK20, WZZ⁺²⁰].
Conflict-based [JFK20]. **Conflict-free** [WZZ⁺²⁰]. **conflicts** [TGAG⁺¹²].
Congestion [YRGES⁺¹⁹]. **connected** [BRSJG12]. **conscious** [LZY09].
Conserving [LYYB07]. **Considerations** [HMYZ15, MTK18, LM05]. **considering** [AVG12, HP04]. **Consistency** [HZN⁺²², LLW⁺²², NZ15]. **Constrained** [LZM14, NMPS22, MSF⁺⁰⁷, NMKS06, ZK05]. **Constraint** [RAF22]. **Constraints** [AEJE16, APS22, AMS23, CSF⁺²⁰, KCA⁺¹³, WYJL10]. **Construction** [DPBI⁺¹⁹]. **Consumer** [LYLS24].
Consumption [BNS⁺²¹, CS21, FCD⁺¹⁷, GFD⁺¹⁴, LTG12, LYYB07, VED07, ZHD⁺⁰⁴]. **Contech** [RHC15]. **Content** [LWW⁺²⁴, KS11].
Contention [DHX⁺²², GWZ22, GAH22, KMAK22, LLC22, LZW23, CWCS13].
Contention-Free [LLC22]. **Context** [EPS17, DMG13, LS10]. **continual** [JA14].
Continuous [TR13]. **Continuum** [RB24].
Contraction [ZPH⁺²³]. **Control** [AP17, BRJM15, HAC13, HHC⁺¹⁶, SMK15, SKH⁺¹⁶, YRGES⁺¹⁹, CWC06, FSYA09, IWP⁺⁰⁴, MBKM12, TG07].
Control-Flow [SMKH15]. **Controlled** [ASS17, NTV⁺²², RCV⁺⁰⁵]. **controller** [AGI⁺¹²]. **Conventional** [NRQ16b].
conversion [CS13]. **Converting** [HLC10].
Convolution [ADGA20, FSP⁺²³, KDMA23, LCP⁺²¹, WLJ⁺²⁴, FBWS13].
Convolutional [GG18, GLTV23, JHHM21, RAF22, SMN22, TDP15, XMW⁺²¹, XSF⁺²³, ZFF⁺¹⁸].
Convolutions [TIP⁺²³]. **cooling** [AVG12].
cooling-computing [AVG12].
Cooperation [TZK18]. **Cooperative** [Abd20, DNT16, JPS17, JDZ⁺¹³, LBM13,

NMPS22, SHLM14]. **Coordinated** [LDMZ19, ZDC⁺16]. **Copious** [DVG⁺23]. **Coprocessor** [MPU⁺23, LDG⁺13]. **Corasick** [CW13, PLL10]. **Core** [CHE⁺14, CS21, CC18, FMY⁺15, JLJ⁺18a, LNFE22, LBM13, PVS⁺17, SPS17, SPH⁺17, TGRK21, ZLYZ16, DAKK19, JYM20, JHH⁺23, LNLK13, MLC⁺23, MRK⁺22, OGK⁺12, PM12, QSZ⁺21, SSS⁺23, ZGC⁺12]. **Cores** [CAY⁺18, DT17, HYYBM16, JPS17, KKW⁺15, KABS22, MMS15, TCS20, TDO16b, ZCF18, GB06, NTG13, PCT12, SW13, WYJL10, WFKL10]. **CoreUnfolding** [APBR16]. **Corner** [DDT⁺17]. **Correct** [DPBI⁺19]. **Correct-by-Construction** [DPBI⁺19]. **Correcting** [SPM17, TZK18]. **Correction** [DGI⁺14, CWMC16, Lee16, LSC⁺15, LDC15]. **Correctness** [PD17]. **correlating** [TKJ13]. **Correlation** [WPR⁺22]. **coscheduling** [PGB13]. **Cost** [KBB⁺14, LGP⁺16, MN24, RB24, SSW16, SKPD19, YEI⁺14, AGI⁺12, DC07, FBHN04, MA08, SBC⁺22]. **Cost-aware** [RB24]. **COTS** [RGG⁺12]. **Could** [SW17a, ZPR⁺17]. **Counter** [WCI⁺16]. **Counter-Based** [WCI⁺16]. **Countermeasures** [CWK⁺24]. **Counters** [LGH24, NDP17, RLS13]. **Counting** [WZX⁺24, RBM10]. **Coupled** [Abd20, PCT12]. **covering** [PJ13]. **Covert** [EPAG16]. **COWS** [MN24]. **COX** [HLSK22]. **CPU** [Abd20, BSSS14, LMCV13, PGB16, WLWB19]. **CPUs** [BHC⁺16, HLSK22, WLJ⁺24]. **Crash** [LLW⁺22]. **Creating** [CPG21]. **Creation** [THA⁺21]. **Critical** [EAH⁺20, LYLS24, RGG⁺12]. **Criticality** [FWJ⁺16]. **CRNS** [AS13]. **Cross** [ERAG⁺16, LGAZ07, LGH24, LVR⁺15, OTR⁺18, SWF16, TWB21, VOK⁺22, WAST16, ZLYZ16]. **Cross-accelerator** [TWB21]. **Cross-Architecture** [SWF16]. **Cross-component** [LGAZ07]. **Cross-Layer** [ERAG⁺16, OTR⁺18, WAST16, VOK⁺22]. **Cross-Loop** [LVR⁺15]. **Cross-Platform** [ZLYZ16, LGH24]. **Crowd** [MPHL22]. **Crowd-sourced** [MPHL22]. **Crown** [MKKE15]. **Cryptographic** [Bis21]. **cryptography** [AS13]. **CTA** [LDMZ19, UPR22]. **CUDA** [HLSK22, KBR⁺13, NC15, VJC⁺13, WG17]. **Customized** [CPG21]. **CXL** [WGL⁺24]. **cycle** [DEE13, RLS13].

D [LLC22, LD24, BSL17, CAY⁺18, CWMC16, DVG⁺23, JHH⁺23, LGP⁺16, NRQ16b, SZJK18, SKP⁺22, ZSLX13]. **D-CNN** [JHH⁺23]. **d-Packed** [BSL17]. **D-Stacked** [DVG⁺23, LGP⁺16, NRQ16b]. **D/** [LLC22, LD24]. **DAC** [RJK24]. **DAC/ADC** [RJK24]. **DAC/ADC-less** [RJK24]. **DAG** [CCL⁺24]. **DAG-Order** [CCL⁺24]. **DAPSCO** [GGFPRG12]. **dark** [PCT12]. **DarkCache** [ZCF18]. **DASH** [USCM16]. **Data** [ASH20, ACGH24, AMG16, CKP⁺22, CDPN16, DAKK19, EPS18, ESR⁺15, EAH⁺20, FXC⁺15, GAM12, GLTV23, HAM17, HAM19, HLSW17, IPSD21, JYW22, JLJ⁺18a, KPM17, KHN⁺18, LWL18, LLS23, LYLS24, MST⁺21, ME15, ME17, MTK18, MNSC16, MGA⁺17, MGSH16, NKH16, NSF⁺21, PD17, RMA14, RTK15, SKH⁺16, SJL⁺20, SJC⁺21, SWO21, TMSR23, TDP15, VFJ⁺17, WGO15, WZG⁺19, YXS⁺22, YMM⁺15, ZLYW18, ZNTJE23, ZLWS24, AVG12, AGG22, BSWLE13, CS10, CA11, CDPD13, CWC06, FER⁺13, FLG12, HLR⁺13, HL07, LWH11, LJMG12, PC13, RB13, RFD13, STL12, TG07]. **Data-Centric** [CKP⁺22]. **Data-Driven** [ME15, ME17, ASH20]. **data-flow** [PC13]. **Data-Parallel** [MGSH16, NKH16]. **Data-Race-Free** [MNSC16]. **Data-Rate** [EPS18]. **Data-Traversal** [RMA14]. **Database** [BAZ⁺19]. **Datacenter** [HZC⁺23]. **Datacenters** [CSW⁺23, XVT20, ZFL18]. **Dataflow**

[CPG21, DT17, FLW⁺²⁴, KPP⁺¹⁵, MMT⁺¹², VTN13]. **Datapath** [IWP⁺⁰⁴]. **Datasets** [WLWB19]. **DawnCC** [MGA⁺¹⁷]. **DCMI** [KFJ20]. **DCNNs** [ESB⁺²⁰]. **DDR4** [TKM14]. **DDRNoC** [EPS18]. **Dead** [MPPS18]. **Dead-Block** [MPPS18]. **Deadline** [LZM14, USCM16]. **Deadline-Aware** [USCM16]. **Deadline-Constrained** [LZM14]. **deadlock** [BRSJG12]. **deadlock-free** [BRSJG12]. **debugging** [VDSP09]. **decay** [JSM⁺⁰⁴, SS04]. **Declarative** [CZGC20]. **decoders** [Zha08]. **Decoding** [CAMJ15, LCW⁺²³]. **Decomposition** [BHWN21]. **Decompression** [LMSE18]. **Deconstructing** [CFH⁺¹²]. **Decoupled** [JHH⁺²³, MPU⁺²³, VPTS19, BZS13, DHC⁺¹³, RVOA08]. **Decoupling** [HAM17]. **Decreasing** [SWO21]. **Dedicated** [ICEDR24]. **Deep** [ASK⁺¹⁶, CKP⁺²², DLS22, JLJ^{+18a}, MWJ19, QAT24, RSK⁺¹⁸, WWW⁺²¹, WZWW23, XDXL19, XDW⁺²³]. **Deeply** [GKCE17]. **DeF** [CPG21]. **DEFAM** [LCC11]. **defect** [LCC11]. **defect-tolerant** [LCC11]. **Defined** [DMR⁺¹⁶, TGAG⁺¹²]. **Defragmentation** [PVS⁺¹⁷]. **DeFT** [VHKP11]. **Delay** [SKS23]. **Delay-on-Squash** [SKS23]. **Delayed** [DQCK24]. **Delivery** [LWW⁺²⁴, ZZL⁺²¹]. **Delta** [DZC⁺¹³]. **Delta-compressed** [DZC⁺¹³]. **Demand** [ACG24, BRJM15]. **Dense** [ACGH24, CWW⁺¹⁶]. **Dependence** [BRJM15, DHD⁺¹⁴, JK17, KABS22, SL09, TG07, VTN13]. **Dependence-Aware** [DHD⁺¹⁴, KABS22]. **dependences** [BCVT13]. **Dependency** [WLZ⁺¹³, ZPL⁺²¹, ZZH⁺²³]. **Dependency-Aware** [WLZ⁺¹³, ZPL⁺²¹, ZZH⁺²³]. **dependent** [YZL⁺¹⁰]. **Deployments** [vdVSAAS20]. **depth** [HP04]. **Design** [CSF⁺²⁰, CKPH19, CPS⁺¹⁵, ESB⁺²⁰, KWM⁺⁰⁸, LDY⁺²¹, MAY23, RTK15, SZJK18, SPH⁺¹⁷, SL09, UJW15, VHKP11, VKM⁺²¹, WLZ⁺¹⁰, BE13, CPP08, IMS⁺⁰⁸, LB10, LCC11, LHZ13, VE13, ZK05]. **Designing** [BKA13, BSWLE13, MGS16]. **Destructive** [DQCK24]. **Details** [FMY⁺¹⁵]. **Detecting** [DSR15, KS11]. **Detection** [BDB⁺²⁰, CEP⁺¹⁶, LHC⁺¹⁷, MNSC16, SLH⁺²⁰, WCI⁺¹⁶, WDW⁺²², YEI⁺¹⁴, LKL⁺¹³, TBS06, TDG13, VHKP11, WTF014]. **Deterministic** [CCL⁺¹³, MLB⁺²³, VSDL16, VW11]. **Detonation** [CAY⁺¹⁸]. **Devectorization** [KMG14]. **Development** [VCJ⁺¹⁷]. **Device** [MSFC21, RLBBN15]. **Device-Level** [RLBBN15]. **Devices** [LYLS24, TKM14, NMKS06, ZK05]. **DFA** [BC13]. **Diagnosing** [JLJ^{+18b}]. **diagnosis** [BSO07]. **DiagSim** [JLJ^{+18b}]. **Die-Stacked** [CWMC16]. **die-stacking** [ZSLX13]. **different** [YXK⁺¹²]. **Dimension** [LLC22, RTG⁺⁰⁷]. **Dimension-Order** [LLC22]. **dimensional** [LT19, LL22]. **Direct** [DKB⁺²⁰, FSP⁺²³, LLRC17, YRGES⁺¹⁹]. **Direct-Mapped** [LLRC17]. **Directed** [HYBR⁺¹⁵, VZS⁺¹⁸, LFX09, NED⁺¹³, SEP07, WM10]. **directional** [XMW⁺²¹]. **directives** [CXW⁺¹²]. **Directories** [PT17]. **Dirty** [LLRC17]. **Dirty-Block** [LLRC17]. **Disaggregated** [DWF⁺²³, HZC⁺²³]. **Disaggregation** [MKC⁺²², WGL⁺²⁴]. **discard** [LWWH12]. **Discovering** [YHYBAM20]. **Discrete** [ZSM⁺¹⁶]. **DisIRer** [HLC10]. **Disjoint** [SJA12]. **Disk** [LYK⁺¹⁵, WDW⁺²²]. **disparate** [WLZ⁺¹⁰]. **Dispatch** [LLRC17]. **dispatching** [LZ12]. **dissemination** [LZYZ09]. **Distance** [DAD16, GGFPRG12, KR19, SCMU22, FER⁺¹³, FTLG11]. **Distance-aware** [GGFPRG12]. **Distance-Based** [DAD16]. **Distilling** [JEBJ08]. **Distinguished** [Aca16, Ano15, Bil19, Ano13a]. **distribute** [RFD13]. **Distributed** [JZY⁺²², KHS⁺¹⁴, KAC⁺¹⁸, MMGS21, MK23, SSS⁺²³, TPN⁺²⁰, XDXL19, XDW⁺²³, ZPC06].

Distrusting [SOAK23]. **Divergence** [LWL18, SMK15]. **Divergent** [GR15]. **Diverse** [LP17, SAL19]. **diversification** [CDM13]. **Diversity** [TDO16b, KNBK12]. **DJ** [DDU12]. **DJ-graphs** [DDU12]. **DL** [THA+21]. **DLP** [SNL+04]. **DNN** [LWC+22, WYZ+23, XZC+20]. **DNNs** [ZML+24]. **DNNTune** [XZC+20]. **Do** [ZPR+17]. **Document** [HKA+19]. **Doesn't** [LKV12]. **Domain** [CZGC20, CGP23, FBC+22, GáSÁ+16, GMZ+21, GÁSÁ+13]. **Domain-Specific** [GMZ+21, CZGC20]. **Domains** [SW17a]. **DPCS** [GBD+15]. **DPM** [GK13]. **Dragonfly** [CVB15]. **DRAM** [CKPH19, CAGS17, DQCK24, HCC+14, JLCR13, LLRC17, LCL+14, NCQ14, OLK+23, OTR+18, TKM14, VPTS19, XGD+23, XHJY16]. **DRAMCache** [PG17]. **DRAMs** [LSC+15]. **Drift** [SZJK18]. **Drive** [MPHL22]. **Driven** [ME15, ME17, PB15, YXMC23, ZWS+16, ASH20, CDM13, FTLG11, PSL+23, SLP08, WFTO14, XT09, ZCS06]. **Droplet** [CRBP24]. **Dropping** [CNAA+22, GFD+14]. **DSL** [PBY+17]. **DSM** [JZY+22]. **DSM-aware** [JZY+22]. **DSPs** [VCJ+17]. **Dual** [EPS18, WZG+19]. **Dual-Page** [WZG+19]. **DUCATI** [JED19]. **duplication** [KS11, LKL+13]. **DVFS** [CS21, EE11, GK13]. **DxPU** [HZC+23]. **DynamAP** [LZZ+22]. **Dynamic** [BHC+16, CCL+24, CCA20, DGGL16, DD16, DJB13, FER+13, FTLG11, FSYA09, GAM12, GDL16, GBD+15, HWL+19, KE15, KPP+15, KMG14, KKAR16, LKL+13, Lee16, LPZI12, LSL20, LTX16, LHW+19, LZZ+22, MG19, MG20, RHC15, SV05, SGS+20, SHD15, WWH+16, XYY+24, XHJY16, YZZ+23, ZWY17, BBG13, DWDS13, GHS12, HS06, HWH+11, HVJ06, JSH09, LWH11, LJMG12, LCL+14, MG12, NED+13, WSC+13, XMM04, ZZQ+05]. **Dynamically** [HDW21, LZ12, PGB12, KS11].

E-BATCH [SAG22]. **eager** [JLCR13]. **Early** [AKBS21, ZZL+21, JOA+09b, SLP08]. **Early-stage** [ZZL+21]. **Earth** [GMZ+21]. **Easier** [TIP+23]. **Easy** [TDG13]. **ECC** [CWMC16]. **ECCs** [ZWL+19]. **Echo** [CSF+20]. **EchoBay** [CSF+20]. **ECS** [SPM17]. **Edge** [RB24, SCK+21, SAM+23]. **Edge-Cloud** [RB24]. **Editor** [Kae20]. **Editor-in-Chief** [Kae20]. **Editorial** [CT08, Kae20]. **EECache** [CPS+15]. **Effective** [GMGZP14, HVJ06, KH18, PGB16, SSW16, SDK+22, SPS17, KHW+05, LWH11, RPS06, SBC05]. **Effectiveness** [JRK16]. **Effects** [DRHK15, DVG+23, MGI15, CK11]. **Efficiency** [AJK+12, CAMJ15, CSK19, DJZ+23, GBD21, HLSW17, JHHM21, LMSE18, LAAMJ15, OTR+18, OAM19, SL20, SCFD22, TCS16, ZJJ+15, BSWLE13, CWS06, RCG+10a, ZSLX13]. **Efficient** [AYC16, AEE+19, AKBS21, BSG23, BC13, CC13, CMAP22, CPS+15, DDU12, DKB+20, DD16, GáSÁ+16, GNB08, HAM19, HAC13, HEDH21, HEMK17, HFL+23, IMS+08, JYM20, KR19, KAC+18, KH18, KMG14, LLW+22, LWH11, LWS+19, LL22, LDC15, LGH24, MCB+12, MG19, MMLS21, MKKE15, MPU+23, MAD17, MFSK24, NMKS06, NSF+21, PDY+23, PS15, QAT24, SYZZ+14, SN17, SAG22, TDP15, TTS19, WLJ+24, WZG+19, XZW+22, XHL+24, YMM+15, YZZ+23, ZPC06, ZHS+19, ZPL+21, ZZH+23, ZLM+23, ZML+24, ZLJ18, ZZQ+05, APG13, ARS04, CW13, CNAA+22, CWCS13, DLS22, DCP+12, FPK+24, GW08, JSL13, JOA+09a, KHW+05, LZYZ09, LMJ13a, LHZ13, Nas13, PLL10, RFD13, SPGE06, SHC13, SSP+23, SB09, TDG13, WWL+21, WYZ+23, XCC+13, YSH+22, ZGC+12, FSYA09, SLA+07]. **Efficiently** [NRQ16a, PCT12, RHC15, ZWL+19]. **EFGR** [TKM14]. **Elastic** [Per18]. **Element** [LVR+15]. **elementary** [LDG+13]. **Eliminating** [RCG+10b, SWO21].

elimination [JLER12, VED07]. **Elision** [CDM⁺22]. **Embedded** [GTT⁺16, GKCE17, KE15, KTAE16, CPP08, CDM13, GHS12, MP13, SHC13, SD12, XT09]. **embedding** [KKM⁺13]. **emergencies** [RCG⁺10b]. **emerging** [DXMJ11, XCC⁺13]. **empirical** [AvRF07]. **Emulation** [NZ15, TKKM15]. **Emulators** [HHC⁺16, TKKM15]. **Enable** [RAF22]. **Enabled** [TGRK21]. **Enabling** [BGG⁺15, CC18, HNKK17, JYM20, KHN⁺18, SKAEG16]. **Enclaves** [PKL⁺24, YGB21]. **Encoding** [LCW⁺23, TDP15, ZX19]. **Encoding/Decoding** [LCW⁺23]. **Encryption** [LIS20]. **End** [FPMR21, OLK⁺23, ZJJ⁺15]. **End-to-End** [FPMR21, OLK⁺23]. **Endurance** [WDXJ14]. **Endurance-aware** [WDXJ14]. **Energy** [ABK21, AJK⁺12, AYC16, ASP17, APS22, AMS23, BSG23, CMAP22, CPS⁺15, CNAA⁺22, DLS22, DH16, FPK⁺24, GKCE17, GFD⁺14, HMYZ15, JHHM21, JOA⁺09a, KAC⁺18, LMSE18, LSC⁺15, LMA⁺16, MCB⁺12, MTK18, MKKE15, MAD17, MPW⁺17, NMPS22, OTR⁺18, PM17, RTK15, SW17b, SN17, SAG22, SSP⁺23, SB09, TCS16, TTS19, YSH⁺22, ZJJ⁺15, ZFT⁺18, ZCF18, AVG12, BSWLE13, CWS06, CWCS13, FBWS13, GWS13, GKP14, LTG12, LGAZ07, LZYZ09, LMJ⁺13b, LHZ13, SPGE06, SHC13, SAM⁺23, TDG13, ZHD⁺04, ZVYN05, ZGC⁺12, ZSLX13]. **Energy-** [SB09]. **Energy-Efficient** [AYC16, CPS⁺15, KAC⁺18, MKKE15, MAD17, SN17, SAG22, TTS19, CNAA⁺22, DLS22, FPK⁺24, JOA⁺09a, SSP⁺23, YSH⁺22, CWCS13, LZYZ09, LHZ13, SPGE06, SHC13, TDG13, ZGC⁺12]. **Energy-Optimal** [SW17b]. **Energy-Performance** [MTK18, ZCF18]. **Energy-Proportional** [DH16]. **Enforcement** [AHA⁺19, GWM07]. **Engine** [HKA⁺19, HLZ⁺24, LP17, PB15, RMA14, WLZ⁺13, CW13]. **Engineering** [SDS⁺21]. **Engines** [MGI15, TBS06]. **Enhance** [GAM12]. **Enhanced** [GBD21, TKM14, TCR⁺22, FYI⁺24]. **Entropy** [LZW23]. **enumeration** [SWH09]. **Envelope** [RWFJ19]. **Environment** [KMG14]. **Environments** [KLA⁺19, SMS23, RGG⁺12, WWWL13]. **EOLE** [EPS17]. **Equality** [KS21]. **Era** [GBD⁺15, SSS⁺23, LNLK13, PCT12]. **ERASE** [CMAP22]. **Erasure** [LCW⁺23]. **Error** [BDB⁺20, DGI⁺14, CWMC16, DSH⁺18, LSC⁺15, OK21, SPM17, TZK18, YEI⁺14, CCZ13, LKL⁺13]. **Error-Correcting** [SPM17]. **Error-Tolerant** [DSH⁺18]. **Errors** [FWJ⁺16, ZWS⁺16]. **essence** [JEBJ08]. **Estimation** [WAST16, XHJY17, LTG12]. **Estimations** [Lou19]. **Estimator** [KLA⁺19]. **Evaluate** [MRK⁺22, TDO16a, VOK⁺22]. **Evaluating** [CCM⁺16, CWS06, HWH⁺11, SSK11, SAT20, SW17a]. **Evaluation** [Akr21, BC13, CHE⁺14, DKB⁺20, FWJ⁺16, ZZL⁺21, AvRF07, KWTD09, LCC11, LAS⁺08, RGG⁺12, ZK05]. **Evaluator** [JSL13]. **Evaluator-executor** [JSL13]. **Even** [MP22]. **Event** [YXMC23, GWM07]. **Event-Driven** [YXMC23]. **Evolving** [VGX16]. **Examining** [ZWS⁺16]. **exascale** [DXMJ11]. **ExaStencils** [KL19]. **exception** [HWM14]. **Exceptionization** [YKM17]. **Exclusivity** [YDL⁺17]. **Execution** [AGG22, ASP17, BNS⁺21, CC18, DT17, GGYK19, GMGZP14, HAC13, HEMK17, KS16, KABS22, LDMZ19, MG19, MAY23, ME15, MAD17, MKS22, NZ15, PVA⁺17, PS15, SEF⁺19, SYE19, SGS⁺20, VSDL16, WLZ⁺13, ZX19, ZCCD16, ZLJ18, GB06, LZ12, LHZ13, SJA12, VTN13, XIC12, ZG05]. **Executions** [NDP17]. **executor** [JSL13]. **exhaustive** [KWTD09]. **Existing** [YEI⁺14]. **Expanding** [YBSY19]. **Expansion**

[PM17, ZLC⁺15]. **EXPERTISE** [SDK⁺22]. **explicit** [STLM12]. **Exploit** [AAI⁺16]. **Exploiting** [AIVL13, ASK⁺16, HWJ⁺15, JFK20, KGK10, LHW⁺19, MA08, NKH16, RSU⁺20, WWW⁺21, XSF⁺23, YEI⁺14, YZ08, YZL⁺10, ZX16, LYYB07, PCT12, RLS13, SNL⁺04, JOA⁺09b]. **Exploration** [BKM⁺17, ESB⁺20, KL19, MNC⁺16, QSZ⁺21, CPP08, IMS⁺08, KWTD09, VHKP11, WLZ⁺10]. **Explorations** [BGG⁺15]. **Exploring** [ACGH24, CK11, JK13, JOA⁺09b, MBKM12, MSK05, SKPD19, WLJ⁺24, vdVSAAS20, BE13, DJX13]. **Exposing** [CSK19, HLSK22]. **Express** [DJC16]. **Expression** [BC13]. **Expressions** [VZT⁺20, JSH09]. **Expressiveness** [PC13]. **Extendable** [CXW⁺12]. **extended** [SJV08]. **Extending** [DBH16, DSH⁺18, JED19, TCS20, VCJ⁺17]. **Extension** [ZLWS24, ZC20, DCP⁺12]. **Extensions** [FSP⁺23, KHS⁺14, KBB⁺14]. **Extractor** [DAP⁺15]. **Extreme** [CAY⁺18, JLJ⁺18a]. **Extreme-Scale** [CAY⁺18, JLJ⁺18a].

Fabric [PBCB22]. **Factorization** [MLC⁺23]. **Factorizations** [AP17]. **Facts** [Mic16]. **FailAmp** [BDB⁺20]. **Failures** [NRQ16a]. **Fair** [LMCV13]. **Fairness** [GWM07, LY16]. **Falcon** [CNS16a]. **false** [BCVT13]. **FASA** [DQCK24]. **FASA-DRAM** [DQCK24]. **Fast** [ADGA20, BC13, BNS⁺21, CSSU21, CTY⁺23, CCPG13, DWF⁺23, FPK⁺24, KCP13, KVH23, KHW⁺05, MKKE15, NRQ16b, NTG13, PRMH13, SCMU22, SZJK18, SNK⁺23, WLJ⁺24, XZW⁺22, LMJ13a, SPGE06, TDG13]. **Fast-Drift-Aware** [SZJK18]. **Fastensor** [WZWW23]. **Faster** [PCM16]. **fat** [BRSJG12, PRMH13]. **fat-trees** [BRSJG12]. **Fault** [CEP⁺16, PHBC17, RHLA14, TCR⁺22, WDW⁺22, RCV⁺05]. **Faults** [SDK⁺22, BSO07, SSC⁺13]. **FaultSim** [NRQ16b]. **Feature** [TKM14, LBO14]. **Features** [YHYBAM20]. **Federation** [BTS10]. **Feedback** [CDM13, NED⁺13, ZWS⁺16, WM10]. **Feedback-directed** [NED⁺13, WM10]. **Feedback-Driven** [ZWS⁺16, CDM13]. **Fence** [MNSC16]. **fetch** [EE09, GWS13, JLER12, SRLPV04]. **FFT** [GS12, ZLM⁺23]. **File** [MP22, TS15, VZS⁺18, YBSY19, GKP14, SJV08]. **Files** [LZM14, YWXW12]. **Filter** [SWO21, BSWLE13]. **Filtering** [LLLW22, ZCCD16]. **Financial** [ABB⁺16]. **Finding** [PJ13]. **Fine** [ACG24, ANS⁺22, AZG17, BSSS14, CS21, CSRP22, EE11, GWZ22, HYYBM16, MG19, MPW⁺17, SSS⁺24, TKM14, WM11, YEI⁺14, LT13]. **Fine-Grain** [AZG17, HYYBM16, ACG24, ANS⁺22]. **Fine-Grained** [BSSS14, CS21, GWZ22, MG19, MPW⁺17, YEI⁺14, CSRP22, EE11, SSS⁺24, WM11, LT13]. **Finite** [LVR⁺15, VW11]. **FinPar** [ABB⁺16]. **Fire** [YXMC23]. **First** [Lou19, OAM19]. **fixed** [CS13]. **fixed-point** [CS13]. **FLARES** [DGI⁺14]. **Flash** [DGI⁺14, LYLS24, SZJK18, ZWL⁺19]. **Flash-Based** [LYLS24]. **FlexHM** [PDY⁺23]. **Flexible** [CC13, CSRP22, PDY⁺23, SNK⁺23, ZC20, OAB12, SHC13, ZZQ⁺05]. **FlexPointer** [CTY⁺23]. **FlexSig** [OAB12]. **Flexextended** [ZC20]. **flight** [SSH⁺13]. **Floating** [ASS17, BWG⁺12, CS13]. **floating-** [CS13]. **Floating-Point** [ASS17, BWG⁺12]. **Flow** [BRJM15, CWW⁺16, DMR⁺16, GAM12, HAC13, LY16, MMT⁺12, SMK15, FSYA09, JA14, KHL⁺13, MBKM12, Nas13, PC13, TG07]. **Flow-Based** [LY16]. **flow-sensitive** [Nas13]. **FlowPix** [CGP23]. **FluidCheck** [KS16]. **fly** [VHKP11, WWY⁺12]. **Flynn** [TWB21]. **Focal** [DSK19]. **Focal-Plane** [DSK19]. **Footprint** [KDMA23]. **Forest**

[ELE⁺23]. **form** [PBCB22]. **Format** [BJWS18]. **Formation** [HWL⁺19, KTAE16, FSYA09]. **Formulating** [MAN⁺08]. **Forward** [LNFE22]. **Forwarding** [SL20]. **Four** [TDO16a]. **FPDetect** [DKB⁺20]. **FPGA** [Abd20, CS13, CWW⁺16, CSR22, CGP23, CDPD13, MTK18, MRK⁺22, MTPK24, OLK⁺23, SNK⁺23]. **FPGA-based** [SNK⁺23, MTK18, MRK⁺22, OLK⁺23]. **FPGA-processor** [CS13]. **FPGAs** [BHWN21, FBWS13, GNB08, JOB⁺22, KFJ20, PI12, WZZ⁺20, XLH⁺24]. **fractal** [JYJ⁺13]. **fractal-based** [JYJ⁺13]. **Fraction** [SPS17]. **frame** [GK13]. **frame-based** [GK13]. **Framework** [ASS17, AMP⁺16, FYI⁺24, GTT⁺16, GáSÁ⁺16, HDW21, KKL⁺24, KPP⁺15, LAS⁺13, LSC⁺15, MLC⁺23, OLK⁺23, PWP19, SYE19, SMM⁺23, SAL19, WMGS19, WPR⁺22, WWGS22, WYZ⁺23, XYY⁺24, ZLYZ16, ZFT⁺18, ZLYW18, ZLM⁺23, AS13, BCVN10, CS10, DJX13, HEL⁺09, KKM⁺13, LCC11, LCH⁺04, LFC13, LHWB12, PGB13, YXK⁺12]. **Frameworks** [WWW⁺21]. **Franca** [MLB⁺23]. **Free** [CHD⁺23, LLC22, MNSC16, YPT⁺16, BRSJG12, GS12, WZZ⁺20]. **Frequency** [BHC⁺16]. **Friendly** [LLW⁺22, CRSP09]. **Front** [ZJJ⁺15]. **Front-End** [ZJJ⁺15]. **FSM** [SQZK20]. **FTL** [HWJ⁺15]. **Full** [HHC⁺16, MMT⁺12, SWF16, TKKM15]. **Full-System** [SWF16]. **Fully** [HWJ⁺15, BRSJG12]. **Function** [SKPD19]. **Functional** [GáSÁ⁺16, SJD22, GÁSÁ⁺13, YCCY11]. **Functions** [HLSK22, SSRS15, HWX⁺13, LDG⁺13]. **fundamental** [VE13]. **Fuse** [NDP17]. **Fused** [VPTS19]. **Fusing** [VPTS19, WM10]. **Fusion** [PSL⁺23, SSS⁺24]. **Future** [GB06, MMS15, DXMJ11, LMJ13a]. **Gadgets** [JCG⁺24]. **Gain** [SSP⁺23]. **Gaming** [QYZ⁺14, RSU⁺20, UPR22]. **GAN** [WDW⁺22]. **gap** [HCC⁺14]. **Garbage** [ASV⁺16]. **Gated** [CS21, LZM14]. **gather** [Pro21]. **Gating** [KMG14, ZCF18, WYCC11, YCCY11]. **GC** [SLS⁺21, YXS⁺22]. **GC-Triggered** [YXS⁺22]. **Gem5** [QSZ⁺21]. **Gem5-X** [QSZ⁺21]. **GEMM** [SLJ⁺19]. **General** [CAMJ15, SW17a, SDZ⁺21, SMN22, XHL⁺24, LHY⁺06]. **General-Purpose** [CAMJ15, SDZ⁺21]. **Generalized** [FDF⁺14, GGK18, KKL⁺24, LCW⁺23, SDH⁺15]. **Generalizing** [Jim09]. **generate** [KBR⁺13]. **Generating** [AZG17, RHC15]. **Generation** [BDB⁺20, DSK19, CDM⁺22, HEMK17, JCG⁺24, TPB24, ZPH⁺23, GNB08, HLR⁺13, JLER12, LBO14, LHY⁺06, VJC⁺13]. **Generator** [KL19, PAVB15]. **Generic** [WMGS19]. **GenMatcher** [WMGS19]. **Genome** [FPK⁺24]. **geometry** [CNAA⁺22]. **Getting** [MWJ19]. **GiantVM** [JZY⁺22]. **Global** [CCL⁺13, MPPS18, BZS13]. **GNN** [RJK24]. **good** [PJ13]. **Governors** [SW17b]. **GP** [LRBG15, MYG15, MYKG16]. **GP-GPUs** [LRBG15]. **GP-SIMD** [MYKG16]. **GPGPU** [BGG⁺15, HLSW17, MBKM12, YXK⁺12]. **GPGPUs** [ZJJ⁺15]. **gPPM** [LCW⁺23]. **GPU** [ADGA20, BJWS18, BNS⁺21, DS16, FBC⁺22, GGYK19, GMZ⁺21, HLR⁺13, HZC⁺23, HDW21, JED19, JGSM15, JML⁺20, KPRK20, KHN⁺18, LCP⁺21, LHC⁺17, LWS⁺19, LMZ18, LWL18, LDMZ19, LAAMJ15, LFK19, LFC13, QYZ⁺14, RB13, SEF⁺19, SNN⁺19, TBC⁺12, VC16, VZT⁺20, VZS⁺18, WGO15, WWL⁺21, WPR⁺22, WZWW23, ZPL⁺21, ZNTJE23, ZSLX13, ZLM⁺23, vdVSAAS20]. **GPU-Accelerated** [ZPL⁺21, GMZ⁺21, JED19]. **GPU-Based** [WGO15, JML⁺20]. **GPUs** [ASH20, ACGH24, ASS17, CNAA⁺22, CSK19, DS16, DHX⁺22, DJZ⁺23, DNT16,

FBWS13, GWZ22, JAK17, JFK20, KR19, KVH23, LRBG15, LGH⁺²¹, MKS22, NSF⁺²¹, NC15, PL23, SHLM14, FCVR24, SSB⁺²⁰, TAB⁺²¹, WYCC11, WLLW20, XSF⁺²³, YBSY19, ZSM⁺¹⁶. **gradient** [HAJ⁺¹²]. **gradient-based** [HAJ⁺¹²]. **Gradients** [FWJ⁺¹⁶]. **Grain** [AZG17, HYYBM16, LMSE18, MAD17, ACG24, ANS⁺²²]. **Grained** [BSSS14, CS21, GWZ22, MG19, MPW⁺¹⁷, TD16, YEI⁺¹⁴, CSR22, EE11, KCP13, LT13, SSS⁺²⁴, WM11]. **GRAM** [HDW21]. **Granularity** [DRHK15, NRQ16a, TKM14]. **Graph** [CNS16a, HLZ⁺²⁴, KPP21, KKAR16, LZZ⁺²², LGH⁺²¹, MST⁺²¹, RJK24, TPB24, TAB⁺²¹, WZZ⁺²⁰, WWL⁺²¹, YWXW12, YZZ⁺²³, ZPL⁺²¹, ZZH⁺²³, ZLJ18, DS12, LFX09]. **Graph-Based** [TAB⁺²¹]. **GraphAttack** [MST⁺²¹]. **GraphBLAS** [MAY23]. **Graphics** [ASS17, FSYA09, ZSLX13]. **GraphPEG** [LGH⁺²¹]. **Graphs** [BRJM15, Lee16, RHC15, VZT⁺²⁰, VGX16, BZS13, DDU12, MG13]. **GraphTune** [ZZH⁺²³]. **Gretch** [KPP21]. **Grouping** [LGH24]. **Grus** [WWL⁺²¹]. **gshare** [TS05]. **Guarded** [PS15]. **Guidance** [OKJ⁺²²]. **Guided** [GTT⁺¹⁶, HWL⁺¹⁹, YHYBAM20, CS13, LZL⁺¹³, RCG^{+10b}, SSU⁺¹³].

Hadoop [KHS⁺¹⁴]. **HAIR** [MP22]. **Halide** [SSW⁺¹⁹, SSB⁺²⁰, VCJ⁺¹⁷]. **halting** [ZVYN05]. **Halving** [MP22]. **Hammer** [GBD21]. **Hamming** [CVB15]. **handling** [HWM14, HWH⁺¹¹, LWH11]. **HAP** [WJXC17]. **Hard** [DPBI⁺¹⁹, BSO07]. **hardened** [PKL⁺²⁴]. **Hardening** [PHBC17]. **Hardware** [BGG⁺¹⁵, BOEN23, BAZ⁺¹⁹, CDPN16, DHK18, DPBI⁺¹⁹, DD16, ELE⁺²³, ICEDR24, JDZ⁺¹³, KPP21, KAC15, LMJ^{+13b}, LGH24, MMGS21, NDP17, OK21, PVA⁺¹⁷, PLK⁺¹⁹, PKL⁺²⁴, RHLA14, RAF22, SBC⁺²², SKAEG16, SDK⁺²², SWF16, TGAG⁺¹², USCM16, WCI⁺¹⁶, ZHS⁺¹⁹, ZLC⁺¹⁵, ZSM⁺¹⁶, Abd20, ATGN⁺¹³, CS10, CI13, FSYA09, GNB08, HCC⁺¹⁴, MMdS06, OAB12, RLS13, RPE12, YJTF13, ZSCM08]. **Hardware-Accelerated** [SWF16]. **Hardware-Assisted** [CDPN16, JDZ⁺¹³]. **Hardware-aware** [BOEN23]. **Hardware-Based** [ZLC⁺¹⁵, ZSM⁺¹⁶]. **Hardware-hardened** [PKL⁺²⁴]. **hardware/software** [CS10, HCC⁺¹⁴, MMdS06]. **Hash** [SBS16]. **Hash-Based** [SBS16]. **HAShCache** [PG17]. **Hashing** [CHD⁺²³]. **HAWS** [GGYK19]. **HC** [CDPD13]. **HC-CART** [CDPD13]. **HDD** [CKL⁺²⁴]. **header** [VED07]. **Healthy** [JLJ^{+18b}]. **heap** [WWY⁺¹²]. **HeapCheck** [SBC⁺²²]. **Heterogeneity** [PG17, SB09]. **Heterogeneity-Aware** [PG17]. **Heterogeneous** [AEJE16, ASV⁺¹⁶, ANS⁺²², APG⁺²³, ASP17, AMS23, CNS16a, CWW⁺¹⁶, DMR⁺¹⁶, FDF⁺¹⁴, GTT⁺¹⁶, GHH15, GSZY20, HAM17, HAM19, HMYZ15, HHW⁺²², KRHK16, LP17, MSFC21, OKJ⁺²², PG17, PDY⁺²³, PBY⁺¹⁷, QAT24, QSZ⁺²¹, RKL23, RVKP19, SMS23, SCK⁺²¹, SSS⁺²⁴, SAL19, SL20, TDO16a, TDO16b, TTS19, USCM16, WGO15, ZFL18, BBG13, KNBK12, LHZ13, PM12, TDG13, VE13, WFKL10]. **Heuristics** [MKKE15, TR13]. **Hidden** [FPK⁺²⁴]. **hide** [CST⁺⁰⁶]. **Hiding** [GW08]. **HIER** [LDY⁺²¹]. **Hierarchical** [ASK⁺¹⁶, CDPN16, JHH⁺²³, LDY⁺²¹, ZGP15, SW13]. **Hierarchies** [GAH22, SKH⁺¹⁶, DJX13]. **Hierarchy** [AYC16, ELE⁺²³, SSP⁺²³, ZDC⁺¹⁶, ZSM⁺¹⁶]. **High** [CAY⁺¹⁸, CHE⁺¹⁴, DKK⁺²¹, CHD⁺²³, CAMJ15, GGK18, JED19, LNFE22, LDY⁺²¹, LL22, ME17, MLB⁺²³, MPU⁺²³, MN24, OK21, SAG22, SWU⁺¹⁵, SSP⁺²³, SLJ⁺¹⁹, TCS16, THA⁺²¹, TKM14, UDLD20, USCM16, WZZ⁺²⁰, WWL⁺²¹, YRGES⁺¹⁹, ASK13, BCVN10, CK11, CDM13, GW08, KBR⁺¹³, OGK⁺¹², SRLPV04, SD12, ZVYN05].

High-dimensional [LL22].
High-Efficiency [CAMJ15]. **High-Level** [CHE⁺14, UDLD20, BCVN10]. **High-Order** [CAY⁺18]. **High-Performance** [DKK⁺21, GGK18, LNFE22, SLJ⁺19, TKM14, USCM16, CHD⁺23, JED19, MLB⁺23, SSP⁺23, THA⁺21, WZZ⁺20, WWL⁺21, YRGES⁺19, CK11, CDM13, GW08, KBR⁺13, SRLPV04, SD12, ZVYN05]. **High-radix** [LDY⁺21, ASK13]. **High-Throughput** [SAG22, OGK⁺12]. **Higher** [SJD22]. **Higher-Level** [SJD22]. **Highly** [JYM20, MFSK24, TMP16, TPN⁺20, ZLM⁺23]. **Histogram** [FWJ⁺16]. **hits** [CA11]. **HMTT** [HCC⁺14]. **Holistic** [CHD⁺23, LD24, OLK⁺23]. **Homogeneous** [CC18]. **Hopping** [MSFC21]. **hosted** [SYZZ⁺14]. **HotSpotTM** [KWM⁺08]. **HPar** [ZBH⁺13]. **HPC** [ACA⁺19, DVG⁺23, MP13, MKC⁺22, PLT⁺15, SLJ⁺18, ZPR⁺17]. **HPCG** [AYL⁺18]. **HRF** [GHH15]. **HRF-Relaxed** [GHH15]. **HTML** [ZBH⁺13]. **HTML5** [NKH16]. **HW** [KMG14, LYK⁺15, TS15]. **HW/SW** [KMG14]. **Hybrid** [BR13, CKPH19, CA11, DXMJ11, HWJ⁺15, HLZ⁺24, JYE⁺16, KAC⁺18, LYLS24, QAT24, SSP⁺23, WLL⁺19, WJXC17, YRGES⁺19, CS13, CKL⁺24, DZC⁺13, HCC⁺14, MMdS06, RBM10, WLZ⁺10]. **Hybrid-Memory-Aware** [WJXC17]. **HyGain** [SSP⁺23]. **Hypervisor** [JZY⁺22].

I-Cache [ZWY17]. **I/O** [DCP⁺12, RHLA14, SLS⁺21, WZWW23]. **IATAC** [AGVO05]. **Identification** [WCI⁺16]. **Idiom** [KKM⁺13, TWB21]. **Idioms** [DKK⁺21]. **Idle** [SEF⁺19, WFKL10]. **Idle-Time-Aware** [SEF⁺19]. **IEEE** [LDG⁺13]. **IEEE-754** [LDG⁺13]. **ILP** [SNL⁺04]. **Image** [CGP23, LSH⁺23, PBY⁺17, CI13]. **Imaging** [VCJ⁺17]. **Imbalanced** [Pro21]. **Impact** [BCVN10, CCM⁺16, JRK16, FCVR24, SMKH15, ZCDD23, RGG⁺12, SSC⁺13]. **Impactful** [YHYBAM20]. **implants** [SSPL⁺13]. **Implement** [VOK⁺22]. **Implementation** [BGG⁺15, MAY23, CDPD13, LHZ13, PLL10, SSS⁺04, ZK05, AvRF07]. **Implementing** [CWW⁺16, JSM⁺04, MAN⁺08, OAB12]. **Implications** [CVB15, HYYBM16, KAC15, LS10]. **Implicit** [BWLRO6]. **Improve** [CSK19, CDM⁺22, LMZ18, OTR⁺18, VCJ⁺17, ATGN⁺13, BSWLE13, KGK10, LBJ05, LZ12, MG12, RWY13, SPS12]. **Improved** [BCVT13, GMGZP14, NB13, VZS⁺18, ZJJ⁺15]. **Improvement** [SKKB18]. **Improvements** [LBM13, PM17, SPM17]. **Improving** [AJK⁺12, CAGS17, CSW⁺23, CG15b, DHK18, DJZ⁺23, FLW⁺24, HWJ⁺15, HLSW17, JHHM21, JK17, KLMP12, LGP⁺16, LMSE18, LYH16, LAAMJ15, OAM19, RJSA18, SL20, YBSY19, ZFT⁺18, ZWHM05]. **In-bounds** [JRH21]. **In-DRAM** [XGD⁺23]. **in-flight** [SSH⁺13]. **In-Memory** [BAZ⁺19, WZG⁺19, YSH⁺22, ZLYW18]. **In-Order** [BEE15, MST⁺21, MAD17, SPH⁺17, BB04]. **in-order/out-of-order** [BB04]. **in-place** [GS12]. **In-storage-processing** [KKL⁺24]. **inclusive** [AIVL13, TKJ13]. **Increasing** [TZK18]. **independent** [BVIB12]. **Index** [WDS⁺24]. **indexing** [TS05]. **Indirect** [CSY20, DGGL16, XVT20, XHL⁺24, HWH⁺11, MG12]. **indirections** [AFD07, AFD12]. **Industrial** [GHH15]. **Infer** [UJW15]. **Inference** [CSRP22, DJZ⁺23, JHH⁺23, SCK⁺21, WYZ⁺23, LB10]. **Inflation** [XYX⁺24]. **Influence** [ZWS⁺16]. **Information** [GAM12, KHL⁺13, MMT⁺12, SM19, SAT20, LMJ13a, VSP⁺12]. **Informed** [CSY20, SYX⁺15]. **Infrastructures** [FCD⁺17]. **Innovative** [BKM⁺17]. **Input**

[LDY⁺21]. **inputs** [BE13]. **Insights** [YHYBAM20]. **Instruction** [AGG22, CSK19, HNKK17, JHQ23, KBB⁺14, SPGE06, SKPD19, SGM⁺22, TCS20, XYY⁺24, ZCDD23, ACGK04, BVIB12, BR13, CS10, CSVM04, GWS13, HL07, KS11, SSR13, VS11, XL07, ZHD⁺04, ZK06]. **Instruction-Level** [HNKK17]. **instructions** [MG12, RFD13, SHC13]. **Instrumentations** [JRH21]. **Instrumented** [SGS⁺20]. **Integer** [ÄJE⁺16, MP22, SLM12, BWG⁺12]. **Integrated** [DJC16, LYK⁺15, PG17, SKP⁺22, SPH⁺17, TPN⁺20, VFJ⁺17, YJTF13]. **Integrating** [WSJ⁺21, WTFO14, XZW⁺22]. **Integration** [JDZ⁺13]. **Integrity** [KK15]. **Intel** [Akr21]. **Intelligent** [SJC⁺21, TBC⁺12]. **Intensity** [LVR⁺15, SLS⁺21]. **Intensity-aware** [SLS⁺21]. **Intensive** [RHLA14, ZX19, YLTL04]. **Inter** [HAM⁺20, LBM13, TC07]. **Inter-cluster** [TC07]. **Inter-Core** [LBM13]. **Inter-kernel** [HAM⁺20]. **Interaction** [FBHN04]. **Interactions** [EPS17]. **Interactive** [MPHL22, RSU⁺20]. **Intercepting** [SSRS15]. **Intercommunication** [TMP16, MP13]. **Interconnect** [BKM⁺17]. **interconnection** [SMK10, SEP07]. **Interconnects** [DH16, YRGES⁺19, XCC⁺13]. **Interface** [XVT20, ZSLX13]. **Interference** [KLA⁺19]. **interferences** [LCL⁺14]. **Interleaved** [AMG16, ZLWS24]. **Interleaving** [WWC⁺16]. **Intermediate** [JML⁺20, RJSA18]. **Intermediate-oriented** [JML⁺20]. **Intermittent** [BSG23]. **Internal** [HWJ⁺15]. **Internet** [AVG12]. **Interposer** [CWK⁺24]. **Interposer-based** [CWK⁺24]. **Interpreter** [ZXX23, RWY13]. **interpreters** [SYZZ⁺14]. **interprocedural** [SV05]. **Intersection** [MPHL22]. **Interval** [SKP⁺22, SV05]. **Intra** [MKC⁺22]. **Intra-rack** [MKC⁺22]. **Intraprogram** [XMM04]. **Intrinsic** [JRK16]. **Introduction** [CT04, CT05, CT06, CT07, SD12]. **intrusion** [TBS06]. **Intrusive** [FPMR21]. **IOV** [DCP⁺12]. **IP** [Bis21, WYJL10]. **IR** [GMZ⁺21, SJD22]. **Irregular** [KPM21, LWS⁺19, MN24, RMA14, SN17, AFD12]. **Irregularity** [ZZH⁺23]. **ISA** [CG14, FSP⁺23, SHC13, VE13]. **ISAs** [PS15]. **Isolating** [MTPK24]. **Isolation** [LDC15, OK21, QYZ⁺14, SSH19]. **Isolation-based** [OK21]. **ISP** [KKL⁺24]. **Issue** [DD16, MMS15, BB04, CDM13, GWS13, PI12, SD12]. **ITAP** [SEF⁺19]. **Iteration** [WWC⁺16, ZPH⁺23]. **Iterative** [CNS⁺16b, FXC⁺15, GGS⁺17, GGS⁺19, KFJ20, LLLW22, SYE19, CFH⁺12]. **IVR** [ZZL⁺21]. **IVR-assisted** [ZZL⁺21].

Java [HWM14, KWM⁺08, LBJ05, VED07, WHV⁺13, YKM17, YLW08]. **JavaScript** [MGI15, NKH16, PCM16, PKPM19]. **JIT** [HWM14, JK13, JCG⁺24, NED⁺13]. **JiuJITSu** [JCG⁺24]. **Job** [CSW⁺23, EE12]. **Joint** [RAF22, TS15, LGAZ07]. **Jointly** [CSW⁺23]. **jump** [MG12]. **Just** [HZN⁺22, KHL⁺13]. **Just-In-Time** [HZN⁺22, KHL⁺13]. **JVM** [SYZZ⁺14].

Kernel [CRBP24, DSK19, LP17, LDMZ19, MSFC21, PSL⁺23, SNN⁺19, HAM⁺20]. **KernelFaRer** [DKK⁺21]. **Kernels** [BNS⁺21, LCP⁺21, TPB24, VZT⁺20, WLLW20]. **Key** [CSSU21]. **Key-Value** [CSSU21]. **kilo** [CSVM04]. **kilo-instruction** [CSVM04].

L1 [HK14, LZL⁺13]. **L2** [AGVO05, CST⁺06, SLP08, SBC05]. **L2-miss-driven** [SLP08]. **Label** [LWW⁺24]. **Lane** [WWC⁺16]. **Language** [CNS16a, SNK⁺23]. **Languages** [DHD⁺14, YKM17, NED⁺13]. **LAPPS** [KFEG18]. **Large** [HZC⁺23, NRQ16a,

SKH⁺16, XLH⁺24, YGB21, ZPL⁺21, ZLM⁺23, KWCL09, RCV⁺12, SMK10]. **Large-Scale** [SKH⁺16, ZPL⁺21, ZLM⁺23, HZC⁺23, RCV⁺12, SMK10]. **Large-Tiling** [XLH⁺24]. **LargeGraph** [ZPL⁺21]. **Last** [CPS⁺15, LBM13, PLK⁺19, WSJ⁺21, WDX14, WJXC17, AGI⁺12, AIVL13, VSP⁺12, ZDC⁺12]. **Last-Level** [CPS⁺15, LBM13, WSJ⁺21, WDX14, WJXC17, PLK⁺19, AGI⁺12, AIVL13, VSP⁺12, ZDC⁺12]. **Latency** [BAZ⁺19, DQCK24, HAM17, HK14, KCA⁺13, PM17, RKL23, SLS⁺21, MP13, SW13, WYJL10, YLTL04]. **Latency-Tolerant** [HAM17]. **Lattice** [CG15b, PAVB15]. **Lattice-Based** [CG15b]. **Lattice-Boltzmann** [PAVB15]. **Law** [DSH⁺18]. **Layer** [ERAG⁺16, JML⁺20, JLJ⁺18a, LGP⁺16, OTR⁺18, WAST16, VOK⁺22]. **Layer-adaptive** [JML⁺20]. **Layer-Centric** [JLJ⁺18a]. **Layers** [VZT⁺20]. **Layout** [ACGH24, CYXF13, RAF22, WG17, ZLWS24]. **Layout-oblivious** [CYXF13]. **Layouts** [BSL17]. **Layup** [JML⁺20]. **LD** [LHC⁺17]. **LDAC** [SKH⁺16]. **Leakage** [Bis21, CS21, JFK20, HL07, MSK05]. **Learned** [WDS⁺24]. **Learning** [ABP⁺17, CKP⁺22, DLS22, JPS17, JLJ⁺18a, LSL20, LLLW22, LSH⁺23, MCB⁺12, QAT24, RSK⁺18, WWW⁺21, WZWW23, XDXL19, XDW⁺23, DJB13, LBO14, SPS12, TR13, WO13, WTFO14]. **Learning-Based** [JPS17]. **Leases** [RGK⁺23]. **Leasing** [DCL⁺22]. **Legacy** [MNSC16]. **legalization** [BR13]. **Less** [ZPR⁺17, RJK24]. **Level** [BGG⁺15, CHE⁺14, CPS⁺15, GMZ⁺21, HNKK17, HK14, JYE⁺16, LCS⁺19, LIS20, LMZ18, LBM13, MGI15, PLT⁺15, RLBBN15, SJD22, SWU⁺15, UDLD20, WSJ⁺21, WDX14, WJXC17, AGI⁺12, AIVL13, BCVN10, EE09, GMW09, GPL⁺05, HLSK22, LZW23, LCL⁺14, Lou19, PLK⁺19, PCT12, SDK⁺22, TMSR23, VSP⁺12, YBSY19, ZDC⁺12, ZZL⁺21]. **Level-1** [HK14]. **Leveling** [JDZ⁺13]. **Levels** [RJA18, RCV⁺12, SLA⁺07]. **Leveraging** [AGG22, GAM12, KS21, LMJ13a, NZ15, SHLM14, SMN22]. **Liberalization** [MY16]. **libraries** [BCM11]. **Library** [DKK⁺21, FDF⁺14]. **Library-Based** [FDF⁺14]. **Lifetime** [PM17, SPM17, TZK18, XC06]. **Lift** [SHS⁺20]. **LIGERO** [APG13]. **Light** [CBD15, APG13]. **Lightweight** [DT17, SLJ⁺18, WLL⁺19, BWG⁺12, DMG13, LNLK13]. **like** [Mic18]. **limitation** [DZC⁺13]. **Limitations** [JRK16]. **limited** [CZ07]. **limits** [JOA⁺09b, MBKM12, MSK05]. **line** [WDXJ14]. **Linear** [ÄJE⁺16, APG⁺23, MG19, MG20]. **lines** [AGVO05]. **Lingua** [MLB⁺23]. **Linked** [IPSD21, FLG12]. **Links** [ACA⁺19]. **List** [Aca16, Ano13a, Ano15, Bil19]. **LiteCON** [DLS22]. **Live** [ZPR⁺17]. **liveness** [BZS13, DDU12]. **LLC** [FQRG13, VPTS19, ZCF18]. **LLC-memory** [FQRG13]. **LLVM** [DAP⁺15]. **LLVM-Based** [DAP⁺15]. **Load** [OAM19, PGB16]. **Load-Balancing** [PGB16]. **Loading** [PCM16]. **Loads** [YPT⁺16]. **Local** [LVR⁺15, XZW⁺22, DHC⁺13]. **Locality** [ASK⁺16, CG15a, KFEG18, SKH⁺16, SL20, TAB⁺21, UPR22, YDS⁺19, ZCQ⁺19, AIVL13, FER⁺13]. **Locality-Aware** [CG15a, KFEG18, SKH⁺16, UPR22, SL20]. **Localization** [CEP⁺16]. **located** [LZW23, SOAK23]. **location** [KHN⁺18, YLW08]. **Lock** [CHD⁺23, CWCS13]. **Lock-contention-aware** [CWCS13]. **Lock-Free** [CHD⁺23]. **Locking** [ZWY17]. **Locus** [DVG⁺23]. **Logarithmic** [AGG21]. **Long** [SLS⁺21]. **Long-tail** [SLS⁺21]. **Look** [HZN⁺22]. **Lookups** [CSSU21]. **Loop** [ASP17, CZGC20, JK17, LVR⁺15, MN24,

PHBC17, BCVT13, NCC13, SHLM14, SLM12, YZL⁺¹⁰. **loop-dependent** [YZL⁺¹⁰]. **Loops** [CNS^{+16b}, CLA⁺¹⁹, KFJ20, RGK⁺²³, SN17, SRC16, JSL13, KLMP12, RTG⁺⁰⁷]. **Low** [AGG21, AGG22, BGG⁺¹⁵, CAMJ15, DJL⁺¹², ESB⁺²⁰, GG18, GáSÁ⁺¹⁶, GDL16, KBB⁺¹⁴, KDMA23, LNFE22, LGP⁺¹⁶, LHC⁺¹⁷, Lou19, OK21, PLK⁺¹⁹, RTK15, SBC⁺²², SSW16, SLS⁺²¹, SW13, SWU⁺¹⁵, WLJ⁺²⁴, YEI⁺¹⁴, AGI⁺¹², BB04, CCZ13, GKP14, MA08, SRLPV04, SAM⁺²³, ZVYN05]. **Low-Complexity** [LNFE22, DJL⁺¹², SRLPV04]. **Low-Cost** [KBB⁺¹⁴, SSW16, YEI⁺¹⁴, SBC⁺²², AGI⁺¹², MA08]. **low-energy** [GKP14, ZVYN05]. **Low-latency** [SW13]. **Low-Level** [BGG⁺¹⁵, Lou19]. **Low-Overhead** [GDL16, LHC⁺¹⁷]. **Low-Power** [CAMJ15, GáSÁ⁺¹⁶, AGG22, PLK⁺¹⁹, BB04, CCZ13]. **Low-precision** [AGG21]. **Lower** [ESR⁺¹⁵]. **lowering** [SSU⁺¹³]. **LP** [GFD⁺¹⁴]. **LSM** [HFL⁺²³, LHS⁺²⁴, XZW⁺²²]. **LSM-Tree** [HFL⁺²³, LHS⁺²⁴, XZW⁺²²]. **LSTM** [WDW⁺²²]. **LSTM-GAN** [WDW⁺²²].

Machine [ABP⁺¹⁷, DWF⁺²³, LSH⁺²³, DJB13, LBO14, SCEG08, SPS12, WO13, WTF014, WHV⁺¹³]. **machine-learning-based** [WTF014]. **Machines** [BSSS14, JK13, RB13, VED07]. **MAGIC** [KKW⁺¹⁵]. **Main** [AEE⁺¹⁹, WSJ⁺²¹, ZFT⁺¹⁸, ZPR⁺¹⁷, DZC⁺¹³, WSC⁺¹³, ZDC⁺¹²]. **Maintaining** [YCCY11]. **Maintenance** [CKL⁺²⁴]. **makespan** [CPB14]. **makespan-preserving** [CPB14]. **Making** [CRSP09, PLT⁺¹⁵, PI12, SGS⁺²⁰]. **Malicious** [KKW⁺¹⁵]. **Malware** [WCI⁺¹⁶]. **MAMBO** [GDL16]. **Managed** [Akr21, YWXW12]. **Management** [CMAP22, GWZ22, GTT⁺¹⁶, GMGZP14, HYBR⁺¹⁵, HMYZ15, LHS⁺²⁴, MPPS18, MRK⁺²², NMPS22, OTR⁺¹⁸, SEF⁺¹⁹, SSS⁺²³, SAL19, SPS17, SJC⁺²¹, TTS19, VOK⁺²², WPR⁺²², ZDC⁺¹⁶, AVG12, FQRG13, GSZI10, HVJ06, KCKG14, LGAZ07, LFX09, LPZI12, RCG^{+10a}, RB13, SW13, VS08, WWWL13, WSC⁺¹³, WDXJ14, WM11, ZYCZ10]. **Manager** [APS22, ELE⁺²³, Per18]. **Managing** [APBR16, HS06, KNBK12, SCFD22, VS11, ZFL18, SSK11]. **Manipulation** [CNS16a, ZHB18]. **Many** [DT17, FMY⁺¹⁵, JYM20, JHH⁺²³, JLJ^{+18a}, MLC⁺²³, MRK⁺²², PVS⁺¹⁷, QSZ⁺²¹, SSS⁺²³, WPR⁺²², ZLYZ16, LNLK13, OGK⁺¹²]. **Many-body** [WPR⁺²²]. **Many-Core** [FMY⁺¹⁵, JLJ^{+18a}, PVS⁺¹⁷, ZLYZ16, JYM20, JHH⁺²³, MLC⁺²³, MRK⁺²², QSZ⁺²¹, SSS⁺²³, LNLK13, OGK⁺¹²]. **Many-Cores** [DT17]. **Manycore** [KS16, KAC⁺¹⁸, LAS⁺¹³, MKKE15, ZCQ⁺¹⁹, BTS10]. **map** [WYJL10]. **Mapi** [BSG23]. **Mapi-Pro** [BSG23]. **Mapped** [LLRC17]. **MAPPER** [SCFD22]. **Mapping** [BSG23, CKP⁺²², CMAP22, CDPN16, DWDS13, DJC16, ESB⁺²⁰, LLC22, LD24, MKKE15, SSH19, SKAEG16, WGO15, YMM⁺¹⁵, CCZ13, WYJL10, WTF014]. **MapReduce** [CC13]. **MAPS** [RLBBN15]. **Markov** [FPK⁺²⁴]. **Marvel** [CKP⁺²²]. **Masking** [BAZ⁺¹⁹, WPJ19]. **Masses** [BCHC19]. **Massively** [MCB⁺¹², RLBBN15]. **Matcher** [WWGS22]. **Matching** [EZYA23, UJW15, WMGS19, WWGS22, CW13, PLL10, TBS06, VW11]. **Mathematical** [Mic16, VZT⁺²⁰]. **MATOG** [WG17]. **Matrices** [BHWN21, ICEDR24]. **Matrix** [ASH20, ACGH24, BSL17, HBPH24, JYM20, LCW⁺²³, MLC⁺²³, MFSK24, SMN22, YAG⁺¹⁶, CYXF13, SJV08]. **Matrix-Vector** [YAG⁺¹⁶]. **maximize** [RCG^{+10a}]. **Maximizing** [AEJE16, LWF⁺¹⁶, LDL22]. **Maxine** [WHV⁺¹³]. **MaxPB** [LWF⁺¹⁶]. **MBZip**

[KPM17]. **MC** [CPG21]. **MC-DeF** [CPG21]. **McPAT** [LAS⁺13]. **means** [Abd20]. **Measuring** [FMY⁺15].

Mechanism
[CEP⁺16, SPS17, ZHS⁺19, ZCCD16, GB06, HWX⁺13, KS11, RFD13, SBC05].

mechanisms
[HWH⁺11, LCL⁺14, LMMM08].

Mechanistic [BEE15, CHE⁺14]. **media** [SLA⁺07]. **Meets** [WLJ⁺24, KHL⁺13].

MemHC [WPR⁺22]. **Memoization** [SSRS15]. **Memories** [BKM⁺17, DGI⁺14, KRHK16, SPM17, TZK18, WDX15, YMM⁺15, CCZ13, DXMJ11, LCC11].

Memory [ADGA20, AJK⁺12, AYC16, Akr21, ACG24, AEE⁺19, AHA⁺19, BSG23, BAZ⁺19, CSY20, CSF⁺20, CKPH19, CWMC16, CHD⁺23, CLA⁺19, CG15b, CSK19, DHK18, DD16, DHD⁺14, DWF⁺23, DJZ⁺23, ERAG⁺16, ELE⁺23, EE09, FMY⁺15, GHH15, GMGZP14, GHS12, HNKK17, HPBS21, HEDH21, HHC⁺16, HASA16, JDZ⁺13, JML⁺20, JLJ⁺18a, JRH21, KHB⁺20, LYK⁺15, LGP⁺16, LWS⁺19, LWC⁺22, LP17, LSH⁺23, MYG15, MYKG16, NRQ16a, NRQ16b, NTV⁺22, NZ15, OTR⁺18, OKJ⁺22, PWE20, PDY⁺23, RJK24, RKC⁺20, RLBBN15, SBC⁺22, SW17a, SMK15, SJD22, SKP⁺22, SDZ⁺21, SL20, SJL⁺20, TKKM15, USCM16, WSJ⁺21, WWH⁺16, WLL⁺19, WPR⁺22, WGL⁺24, WDS⁺24, WJXC17, WX24, WZG⁺19, WYZ⁺23, XGD⁺23, XHJY16, XVT20, XHL⁺24, YXS⁺22, YSH⁺22, YBSY19, ZZB⁺19, ZFT⁺18, ZLYW18, ZLWS24, ZLC⁺15, ZCQ⁺19, ZDC⁺16, ZWL⁺19, ZSM⁺16, ZPR⁺17, AFD12, ATGN⁺13, CS10, CCZ13, DHC⁺13, DJX13, DZC⁺13, FQRG13, GPL⁺05, JSH09, JSM⁺04].

memory [KGK10, KCKG14, LAS⁺08, LGAZ07, LFX09, LCL⁺14, LHWB12, MA08, NCQ14, PLL10, PCT12, RLS13, SV05, SL09, TBC⁺12, TGAG⁺12, VDSP09, VED07, WKCS12, WWWL13, WSC⁺13, WWL⁺21, WLZ⁺10, YJTF13, YLTL04, YLW08, ZPC06, ZSLX13, ZDC⁺12].

Memory-access-aware [CLA⁺19].

Memory-Aware [SJD22].

Memory-centric [SJL⁺20, XGD⁺23].

Memory-Disk [LYK⁺15].

Memory-efficient [WYZ⁺23, PLL10].

Memory-level [EE09].

Memory-Reliability [NRQ16b].

Memory-Side [AHA⁺19]. **MemTracker** [VDSP09]. **mer** [WZX⁺24]. **merge** [DDU12]. **Merging** [TS05, SSU⁺13].

Message [Kae20, ZM15]. **Message-Passing** [ZM15]. **Meta** [BJWS18]. **Meta-Format** [BJWS18]. **Metadata** [CKL⁺24, LLW⁺22, VOK⁺22].

metafunctions [LT13]. **MetaStrider** [SJL⁺20]. **MetaSys** [VOK⁺22]. **Metering** [LMA⁺16, LMJ⁺13b]. **Method** [ADGA20, KTAE16, YHYBAM20, CWCS13, SHC13].

Methodology [TCS16]. **Metric** [LLLW22, SNN⁺19, SPS17, YHYBAM20].

Metric-Guided [YHYBAM20]. **Metrics** [EMR14, TDO16a]. **MFFT** [ZLM⁺23]. **MH** [PLK⁺19]. **MIAOW** [BGG⁺15]. **MiCOMP** [ABP⁺17]. **Micro** [CAGS17]. **Micro-Sector** [CAGS17]. **Microarchitectural** [FMY⁺15, SKS23, DJB13, LB10].

Microarchitecture
[DHX⁺22, LNFE22, MMS15, ZCDD23, ASK13, HS05, RPS06, SSS⁺04].

Microarchitecture-Aware [DHX⁺22].

microarchitectures [ACGK04].

Microbenchmarking [FMY⁺15].

Microprocessor
[KCA⁺13, BE13, YCCY11].

Microprocessors
[GSZY20, SDZ⁺21, BSO07, RCG⁺10a].

MicroProf [TMSR23]. **Microservice** [TMSR23]. **Mid** [MSFC21]. **Mid-Kernel** [MSFC21]. **Migration** [JLJ⁺18a, LTX16, MK23, WLL⁺19, LJMG12, MSF⁺07].

Million [CAY⁺18]. **MIMD** [FSYA09, GSZY20]. **MInGLE** [GáSÁ⁺16].

miniature [JEBJ08]. **minimal** [XL07]. **MINIME** [DS16]. **MINIME-GPU** [DS16]. **Minimization** [KMAK22, CH06, SSR13]. **Minimizing** [KHB⁺20]. **mining** [CDPD13]. **Minor** [TCR⁺22]. **Minos** [CWC06]. **MIPS** [SHD15]. **misaligned** [LWH11]. **Mismatches** [APBR16]. **misprediction** [GW08]. **Miss** [SMM⁺23, SWO21, SLP08]. **misses** [CST⁺06, LS10, VHKP11, Zha08]. **Mitigating** [ABP⁺17, DHX⁺22, EPAG16, GBD21, SYX⁺15, LCL⁺14]. **mitigation** [DJL⁺12]. **mitigations** [CCD12]. **Mixed** [ASH20, LLC22, XIC12, ZLM⁺23]. **Mixed-Precision** [ZLM⁺23]. **Mixing** [HDW21]. **MLC** [PM17, RJSA18]. **MLC/TLC** [PM17]. **MLIR** [BKS⁺22, EZYA23]. **MLP** [KABS22]. **Mobile** [CNAA⁺22, PLK⁺19, XZC⁺20, AvRF07, TBC⁺12]. **Mobile-cloud** [XZC⁺20]. **Mode** [HBPH24, SW13]. **Model** [BNS⁺21, CC18, DAKK19, ESR⁺15, GGS⁺17, JHH⁺23, NZ15, SRC16, WDW⁺22, WLLW20, WYZ⁺23, XHJY17, YCA18, ZHB18, DC07, MG13]. **Model-Based** [WLLW20]. **Modeling** [BEE15, KR19, LAS⁺13, LL22, SSC⁺13, ZZL⁺21, AFD07, CA11, EE12, IMS⁺08, XMM04, SSS⁺04]. **Models** [BOEN23, CHE⁺14, FCD⁺17, FPK⁺24, GGS⁺19, GHH15, LCP⁺21, VFW16, XZC⁺20, LAS⁺08, XIC12]. **Modern** [ABK21, HYYBM16, WLJ⁺24, CCD12, JK13, KNBK12]. **Modification** [GDL16]. **Modify** [RLS15]. **Modular** [RKL23]. **Modulo** [LMSE18, KCP13]. **Moldable** [MKKE15]. **Monitoring** [LHC⁺17, MMGS21, LMMM08, VDSP09, ZZQ⁺05]. **Monolithically** [WSJ⁺21]. **monopolizable** [DJL⁺12]. **Moore** [DSH⁺18]. **Morphable** [CKPH19]. **Most** [PLT⁺15]. **Movement** [ESR⁺15]. **Movements** [YXS⁺22]. **Moving** [DAKK19]. **MP** [WLZ⁺13]. **MP-Tomasulo** [WLZ⁺13]. **MPI** [HWX⁺13, MP13]. **MPSoC** [FPMR21]. **MPSoCs** [DMR⁺16, MMGS21, SL20]. **MPU** [XGD⁺23]. **MRAM** [WDX15]. **MRAM-Based** [WDX15]. **MSHRs** [CA11]. **MUA** [LDL22]. **MUA-Router** [LDL22]. **Multi** [BOEN23, CC18, FLW⁺24, FMY⁺15, FCD⁺17, GVT⁺17, GMZ⁺21, JPS17, JML⁺20, KLA⁺19, LT19, LGP⁺16, MMGS21, PLK⁺19, PGB16, SPS17, TCS20, WZZ⁺20, XMW⁺21, ZNTJE23, ZCF18, vdVSAAS20, CDPD13, GWS13, LFC13, PM12, RB13, RPE12, ZGC⁺12]. **Multi-Agent** [JPS17]. **Multi-Batch** [FLW⁺24]. **Multi-Chip** [ZNTJE23]. **Multi-Core** [CC18, SPS17, PM12, ZGC⁺12]. **Multi-Cores** [ZCF18]. **Multi-CPU** [PGB16]. **Multi-dimensional** [LT19]. **Multi-directional** [XMW⁺21]. **multi-FPGA** [CDPD13]. **Multi-GPU** [vdVSAAS20, LFC13, RB13]. **multi-issue** [GWS13]. **Multi-Layer** [LGP⁺16]. **Multi-Level** [GMZ⁺21]. **Multi-objective** [BOEN23]. **Multi-pipeline** [WZZ⁺20]. **Multi-programming** [LD24]. **Multi-retention** [PLK⁺19]. **multi-server** [RPE12]. **Multi-Tenant** [FCD⁺17, KLA⁺19]. **Multi-Threaded** [GVT⁺17]. **Multi-Threading** [TCS20]. **Multi-Tile** [MMGS21]. **Multi-type** [JML⁺20]. **Multibank** [CG15b]. **Multiblock** [KPM17]. **multicharacter** [CW13]. **Multicore** [ASV⁺16, AMS23, BHC⁺16, CC13, CG15a, CDPN16, DS16, DAKK19, HMYZ15, HEMK17, KE15, KK15, KMAK22, LAS⁺13, LMA⁺16, LYH16, MST⁺21, NMPS22, OK21, PT17, PGB16, SOAK23, SLJ⁺18, SCMU22, SKH⁺16, SAL19, ZDC⁺16, CG14, CK11, CWCS13, DEE13, FBWS13, HWX⁺13, LMJ⁺13b, LCL⁺14, LHZ13, RCG⁺10a, VE13, WFKL10, ZCW10]. **Multicores** [HK14, PB15, TDO16a, TTS19, MSF⁺07]. **multidimensional** [RTG⁺07]. **Multigrain** [AZG17]. **Multilevel**

[XHJY16, YMM⁺¹⁵, JK13, TKJ13].
multimedia [SV05]. **multiobjective** [CPP08]. **multiplatform** [HLC10].
Multiple [KKL⁺²⁴, KHN⁺¹⁸, WLLW20, ZSM⁺¹⁶, GB06, HVJ06, RCV⁺¹²].
Multiplexing [LGH24, NDP17].
Multiplication [ASH20, HBPH24, MFSK24, SMN22, YAG⁺¹⁶].
Multiplications [JYM20]. **Multiply** [GG18, YXMC23]. **Multiply-Accumulate** [GG18]. **Multiply-and-Fire** [YXMC23].
multiprocessor [BBG13, GSZI10, LT13].
Multiprocessors [CPS⁺¹⁵, LBM13, APG13, GPL⁺⁰⁵, LAS⁺⁰⁸, LM05, LPZI12, LMMM08, SMK10].
Multiprogram [EMR14]. **Multisocket** [CG15a]. **Multithreaded** [AZG17, JYE⁺¹⁶, LYH16, DWDS13, GMW09, NTG13, PGB13, RGG⁺¹², RCG^{+10a}, XIC12].
Multithreading [SDK⁺²², EE09, GWM07].
Mutually [SOAK23].

Namespace [HFL⁺²³]. **NAND** [DGI⁺¹⁴, SZJK18, ZWL⁺¹⁹]. **Nanoscale** [GBD⁺¹⁵]. **Native** [DKK⁺²¹, RPE12].
Native-Code [DKK⁺²¹]. **Natural** [SNK⁺²³]. **Near** [AGG22, HK14, KCA⁺¹³, LP17, MAD17, RJK24, VFJ⁺¹⁷, XGD⁺²³, KCKG14, RPE12]. **Near-bank** [XGD⁺²³].
Near-Data [VFJ⁺¹⁷, AGG22].
Near-Memory [LP17, RJK24].
Near-Optimal [KCA⁺¹³, KCKG14].
Near-Threshold [HK14]. **Nearest** [NSF⁺²¹]. **Nearest-Neighbor** [NSF⁺²¹].
Need [ZPR⁺¹⁷]. **Neighbor** [NSF⁺²¹].
NEM [RJK24]. **NEM-GNN** [RJK24]. **nest** [SLM12]. **Nested** [GSZY20, MGSH16, KLMP12]. **nests** [NCC13]. **Network** [CEP⁺¹⁶, DJC16, EPS18, JHHM21, JPS17, LWW⁺²⁴, PWE20, SSH19, TDP15, VFW16, VZT⁺²⁰, XSF⁺²³, XVT20, YXMC23, YZZ⁺²³, ZCCD16, ZM15, ASK13, LNLK13, LYB07].
Network-on-Chip

[CEP⁺¹⁶, DJC16, EPS18].
Network-on-Chips [ZM15]. **Networks** [ACA⁺¹⁹, AMP⁺¹⁶, CVB15, CSF⁺²⁰, CCL⁺²⁴, CRC⁺²¹, GG18, GLTV23, GR15, MWJ19, RJK24, RKC⁺²⁰, RSK⁺¹⁸, SMS23, SMN22, SAM⁺²³, SNK⁺²³, WYZ⁺²³, XMW⁺²¹, ZFF⁺¹⁸, BKA13, LWWH12, PRMH13, SMK10, SEP07].
Networks-on-Chip [CCL⁺²⁴, LWWH12].
Neural [BOEN23, CRC⁺²¹, GG18, GLTV23, GR15, JHHM21, MWJ19, PWE20, RJK24, RKC⁺²⁰, RSK⁺¹⁸, SMS23, SMN22, SAM⁺²³, SNK⁺²³, TDP15, WYZ⁺²³, XMW⁺²¹, XSF⁺²³, YXMC23, YZZ⁺²³, ZFF⁺¹⁸, Jim09].
Neuromorphic [DLS22, LCS⁺¹⁹]. **Next** [VZT⁺²⁰, OAM19]. **NISQ** [LD24]. **no** [HL07]. **NoC** [HWX⁺¹³, LLC22].
NoC-based [HWX⁺¹³]. **NoCMsg** [ZM15]. **NOCs** [RKL23, WYJL10]. **Node** [CSSU21].
Noise [AAI⁺¹⁶]. **Non** [AEE⁺¹⁹, DJL⁺¹², FPMR21, HK14, IPSD21, WSJ⁺²¹, YKM17, YXS⁺²², BZS13, WDXJ14]. **Non-blocking** [IPSD21]. **Non-Intrusive** [FPMR21].
Non-Java [YKM17]. **Non-monopolizable** [DJL⁺¹²]. **non-SSA** [BZS13].
Non-Uniform [HK14]. **Non-Volatile** [WSJ⁺²¹, YXS⁺²², AEE⁺¹⁹, WDXJ14].
Nonaffine [SGS⁺²⁰]. **Nonblocking** [MAY23]. **Nonlinear** [SRC16].
nonuniformity [WA08]. **Nonvolatile** [SPM17, DXMJ11, DJX13]. **Not-taken** [PS12]. **Novel** [HLZ⁺²⁴, JZY⁺²², LMZ18, SAM⁺²³, TPN⁺²⁰, ZFT⁺¹⁸, ZWL⁺¹⁹, CCZ13].
NUCA [GFD⁺¹⁴, HK14, LJMG12].
NUCA-L1 [HK14]. **NUMA** [RSK⁺¹⁸].
NUMA-Aware [RSK⁺¹⁸]. **NUMA-Caffe** [RSK⁺¹⁸]. **Number** [AGG21]. **NVIDIA** [KVH23]. **NVM** [EAH⁺²⁰, LLW⁺²², WSC⁺¹³].
NVM-based [WSC⁺¹³]. **NVMs** [PM17].
NVRAM [ZLYW18].

O [DCP⁺¹², RHLA14, SLS⁺²¹, WZWW23]. **Obfuscation** [PDCS24]. **Object** [CKL⁺²⁴, MPHL22, YLW08, ZLYW18, TDG13, VED07, WM10]. **Objective** [SAT20, BOEN23]. **objects** [WWY⁺¹²]. **Oblivious** [YRGES⁺¹⁹, CYXF13, LWC⁺²²]. **Obstruction** [WDX14]. **Occam** [GLTV23]. **Ocluded** [CNAA⁺²²]. **Ocluded-geometry** [CNAA⁺²²]. **Occurring** [LTX16]. **Odd** [MP22]. **Odd/Even** [MP22]. **ODE** [HLR⁺¹³]. **ODE-based** [HLR⁺¹³]. **Off** [ACA⁺¹⁹, BKM⁺¹⁷, DPBI⁺¹⁹, AVG12, AGVO05, ABK21]. **Off-Chip** [BKM⁺¹⁷]. **Off-the-Shelf** [DPBI⁺¹⁹]. **Offloading** [HNKK17, JLL⁺²³, KKL⁺²⁴, MTK18, MGA⁺¹⁷]. **offset** [CZ07]. **On-Chip** [CS21, VFW16, JPS17, LDL22, SSH19, BKA13, CK11, EE11, LNLK13, SMK10, TDG13, XCC⁺¹³]. **On-GPU** [LWL18]. **On-Package** [FBC⁺²²]. **On-the-fly** [WWY⁺¹², VHKP11]. **On/Off** [ACA⁺¹⁹]. **One** [DWF⁺²³]. **One-Sided** [DWF⁺²³]. **Online** [BSO07, CG15a, CEP⁺¹⁶, OKJ⁺²², PSL⁺²³, TTS19, WAST16]. **onto** [WYJL10]. **OoO** [MAD17]. **Opcode** [AGG22]. **Opcode-based** [AGG22]. **Open** [BGG⁺¹⁵, HKA⁺¹⁹, VOK⁺²², GMZ⁺²¹]. **Open-Source** [BGG⁺¹⁵, VOK⁺²²]. **OpenCL** [RVKP19, WGO15]. **OpenMP** [CLA⁺¹⁹, PC13, YCA18]. **OpenStream** [PC13]. **Operands** [RSU⁺²⁰]. **Operating** [HK14]. **Operation** [LCW⁺²³]. **Operations** [BSL17, GGK18, LP17]. **Operators** [CKP⁺²², RAF22]. **Opportunities** [KKL⁺²⁴, WWW⁺²¹, KGK10, XMM04]. **Optane** [Akr21]. **Optical** [CWW⁺¹⁶]. **Optically** [NTV⁺²²]. **Optimal** [CH06, CBD15, GK13, GLTV23, KCA⁺¹³, Mic16, SMS23, SW17b, SWH09, ZGP15, KCKG14, XC06]. **Optimise** [WZWW23]. **optimised** [RWFJ19]. **optimising** [LBO14]. **Optimization** [AYL⁺¹⁸, ABP⁺¹⁷, BSL17, CSF⁺²⁰, CZGC20, CHD⁺²³, CKL⁺²⁴, DZSL20, DAP⁺¹⁵, FXC⁺¹⁵, FSP⁺²³, GGS⁺¹⁷, GGS⁺¹⁹, JML⁺²⁰, JRH21, KTAE16, KKL⁺²⁴, LLLW22, LHS⁺²⁴, LVR⁺¹⁵, MNC⁺¹⁶, MMLS21, MPHL22, QSZ⁺²¹, RMA14, SGM⁺²², VFW16, YKM17, YDL⁺¹⁷, ZCF18, CFH⁺¹², CXW⁺¹², CYXF13, DJX13, FT10, GHS12, HS06, HEL⁺⁰⁹, HVJ06, JPS17, KHW⁺⁰⁵, KWTD09, PJ13, SLM12, SSR13, SL09, VW11, ZFT⁺¹⁸, ZWHM05, ZCS06]. **optimization-phase** [KHW⁺⁰⁵]. **Optimizations** [EPS17, JRK16, JZY⁺²², PDY⁺²³, FCVR24, SHS⁺²⁰, THA⁺²¹, VOK⁺²², ZWS⁺¹⁶, LCH⁺⁰⁴, LHY⁺⁰⁶]. **Optimize** [DBH16, FPMR21]. **Optimized** [MLC⁺²³, PKPM19, WPR⁺²², WDS⁺²⁴, GS12]. **Optimizer** [LYK⁺¹⁵]. **Optimizing** [AP17, BJWS18, CSW⁺²³, DGGL16, HHC⁺¹⁶, JHH⁺²³, MST⁺²¹, PAVB15, RLBBN15, STLM12, SLH⁺²⁰, TN20, TKKM15, WDX15, WDW⁺²², YWXW12, YRHBL13, ZSLX13, ZFF⁺¹⁸, YXK⁺¹², WK09]. **optimum** [HP04]. **Orchard** [SSS⁺²⁴]. **Orchestrating** [MG13]. **Orchestration** [GVT⁺¹⁷]. **Order** [BEE15, CAY⁺¹⁸, CCL⁺²⁴, HYYBM16, LLC22, MST⁺²¹, MAD17, PS15, SPH⁺¹⁷, TCS20, BB04, GGYK19, KWTD09, KABS22, SJA12, YJTF13, CCL⁺²⁴]. **Order-Based** [CCL⁺²⁴]. **order/out** [BB04]. **Ordering** [ABP⁺¹⁷]. **organization** [ASK13, GGFPRG12]. **Oriented** [FWJ⁺¹⁶, GGK18, BTS10, CXW⁺¹², JML⁺²⁰]. **Orlando** [ESB⁺²⁰]. **OS-** [CRSP09]. **Out-of-Order** [HYYBM16, MAD17, PS15, TCS20, GGYK19, BB04, SJA12]. **overcoming** [DZC⁺¹³]. **overflow** [CH06]. **Overhead** [DSR15, GDL16, KRHK16, LHC⁺¹⁷, ZCDD23, MP13]. **Overheads** [OK21, TCR⁺²², BCM11, SSU⁺¹³]. **Overlap** [ADGA20]. **Overlap-and-Save** [ADGA20]. **Overlapped** [ZC20]. **Overlay** [CSRP22, CGP23, JLER12]. **Overlong** [ZWL⁺¹⁹].

P [DDT⁺17]. **Package** [FBC⁺22]. **Packed** [BSL17]. **packet** [LWWH12]. **packing** [NB13, SPGE06]. **Page** [TCR⁺22, WLL⁺19, WZG⁺19, ZCDD23, LMJ13a]. **Pages** [YGB21]. **Paging** [ACG24]. **PARALiA** [APG⁺23]. **Parallel** [ASK⁺16, ABB⁺16, APS22, BHWN21, DTD16, DDT⁺17, DHD⁺14, HAM19, LCW⁺23, MCB⁺12, MPPS18, MN24, MGSH16, NKH16, PWP19, RHC15, RLBBN15, SN17, SCFD22, TMP16, TPN⁺20, UJW15, WLZ⁺13, WGO15, ZLJ18, CDPD13, JYJ⁺13, LM05, NCC13, STLM12, VJC⁺13, ZBH⁺13]. **Parallel-Blocked** [BHWN21]. **Parallelism** [CCM⁺16, CSR22, CG15b, DHK18, GVT⁺17, HWJ⁺15, JHH⁺23, LMZ18, MGA⁺17, NKH16, SSS⁺24, SDH⁺15, WWW⁺21, YBSY19, ZX16, EE09, FLG12, PCT12, SLA⁺07, WTFO14]. **Parallelization** [BCM11, DPBI⁺19, GGS⁺17, GSZY20, KPP⁺15, DC07, LT13, PKC12, YRHBL13]. **Parallelizing** [NKH16]. **Parallelogram** [ZGP15]. **Parameter** [MGI15]. **parametric** [SLM12]. **Pareto** [BOEN23, SW17b]. **PARSEC** [CCM⁺16]. **PARSECSs** [CCM⁺16]. **parser** [ZBH⁺13]. **Parsing** [PCM16, ZBH⁺13]. **PARTANS** [LFC13]. **Partial** [SLS⁺21, ZX16]. **partially** [GGFPRG12, JLER12]. **Partition** [WWC⁺16, WJXC17, WO13]. **partitioned** [RPS06]. **Partitioning** [CSW⁺23, CG15b, FLG12, LDMZ19, SBS16, SLJ⁺19, HAJ⁺12, LCL⁺14, ZDC⁺12]. **Pass** [SPS17]. **Passing** [ZM15]. **PATCH** [RBM10]. **Path** [WZWW23, ZX19, TS05]. **paths** [PS12]. **pattern** [CXW⁺12, KPM21, PRMH13, VW11]. **pattern-oriented** [CXW⁺12]. **pattern-specific** [PRMH13]. **patternized** [KCP13]. **Patterns** [CSK19, DDT⁺17, LWS⁺19, LTX16, PWE20, Pro21, UJW15, HLR⁺13, JSH09]. **pausing** [NCQ14]. **PAVER** [TAB⁺21]. **PCantorSim** [JYJ⁺13]. **PCIe** [MTK18]. **PCM** [LWF⁺16, RJSA18]. **penalties** [HL07]. **Penalty** [SWO21, GW08]. **pending** [CA11]. **Per-Core** [CS21]. **per-task** [LMJ⁺13b]. **Per-thread** [DEE13, BTS10]. **perceptron** [TS05]. **Perfect** [BRJM15]. **Performance** [ABK21, AEJE16, Akr21, APG⁺23, AYL⁺18, Bis21, BEE15, DKK⁺21, DVG⁺23, FDF⁺14, GGS⁺19, GGK18, HMYZ15, JGSM15, KR19, LNFE22, LL22, LMZ18, LYH16, LGH24, LY16, MAY23, ME17, MTK18, MPU⁺23, MN24, MAD17, MKS22, NDP17, NMPS22, OK21, PDY⁺23, Per18, RVOA08, RJSA18, SCFD22, SWO21, SLJ⁺19, TCS16, TKM14, USCM16, WCI⁺16, WLWB19, XHJY17, XFS⁺19, YGB21, ZFT⁺18, ZXX23, ZYCZ10, ZCF18, AFD12, ATGN⁺13, BSWLE13, BTS10, CHD⁺23, CK11, CRSP09, CDM13, FBWS13, GW08, HP04, HL07, JED19, KBR⁺13, KLMP12, KGK10, LM05, MLB⁺23, PGB12, RWY13, SRLPV04, SSP⁺23, SD12, THA⁺21, WKCS12, WZZ⁺20, WWL⁺21, XT09, YRGES⁺19, YCCY11, ZVYN05]. **Performance-aware** [ZYCZ10]. **performance-driven** [XT09]. **Performance-Energy** [ABK21, HMYZ15]. **performance-friendly** [CRSP09]. **PERI** [TGRK21]. **permanent** [SSC⁺13]. **Permissions** [ERAG⁺16]. **Permutation** [ZX19]. **Permutation-Based** [ZX19]. **Persistence** [EAH⁺20, WZG⁺19]. **Persistent** [CHD⁺23, IPSD21, WDS⁺24, WX24, ZLYW18]. **Perspectives** [PLT⁺15]. **PETRA** [IPSD21]. **PGAS** [KFEG18, SKAEG16]. **Phase** [ABP⁺17, HASA16, JDZ⁺13, NTV⁺22, YMM⁺15, KHW⁺05, KWTD09, ZDC⁺12]. **Phase-Change** [YMM⁺15]. **Phase-Ordering** [ABP⁺17]. **phased** [HLR⁺13]. **Photonic** [DH16, DLS22]. **Phronesis** [LL22]. **Physically** [RKL23]. **PICO** [JRH21]. **PiDRAM** [OLK⁺23]. **Piecewise** [DAP⁺15]. **pilot** [DHX⁺22].

PIMBALL [RKC⁺20]. **PiPA** [ZCW10].
Pipeline
 [AKBS21, ZJJ⁺15, HP04, JA14, WZZ⁺20].
pipelined [PLL10, ZCW10]. **Pipelines**
 [CGP23, MG19, MG20, SSW⁺19, SSB⁺20].
Pipelining
 [LDL22, CPB14, JSL13, RVOA08, RTG⁺07].
place [GS12]. **Placement**
 [MNSC16, RB24, MA08, SSK11]. **Places**
 [Per18]. **Plane** [DSK19, LLS23, ZGC⁺12].
Platform
 [MLC⁺23, QSZ⁺21, ZLYZ16, LGH24].
Platforms [RVKP19, SCK⁺21]. **PLDS**
 [FLG12]. **PM** [CHD⁺23]. **PM-aware**
 [CHD⁺23]. **Point** [ASS17, BWG⁺12, CS13].
pointer [SV05, YLTL04].
pointer-intensive [YLTL04]. **Pointers**
 [CTY⁺23]. **points** [Nas13]. **points-to**
 [Nas13]. **Poker** [ZX19]. **Policies**
 [GFD⁺14, LSL20, SYX⁺15, EE09, SSK11].
Policy [KMAK22, LWW⁺24, JK13].
Pollution [SYX⁺15]. **PolyDL** [THA⁺21].
Polyhedral [GGS⁺19, KL19, LT19, PKC12,
 SYE19, SGS⁺20, SRC16, THA⁺21, VJC⁺13,
 ZC20, ZPH⁺23, ZHB18]. **Polyhedron**
 [GGS⁺17]. **polymorphic** [PM12].
polymorphous [SNL⁺04]. **polytopes**
 [SLM12]. **Pools** [HZC⁺23]. **Port**
 [WDX14, GKP14]. **Portability** [FDF⁺14].
Portable
 [BNS⁺21, Per18, RMA14, WGO15, KNBK12].
Posit [TGRK21]. **positioning** [ZWHM05].
Pot [VSDL16]. **potential** [FER⁺13].
POWAR [ACA⁺19]. **Power**
 [AEJE16, ACA⁺19, BNS⁺21, CAMJ15,
 DTD16, DD16, ESB⁺20, FCD⁺17, G&SÁ⁺16,
 GBD⁺15, HYBR⁺15, HYYBM16, HAC13,
 JYW22, JGSM15, KH18, KMG14, LM05,
 LAS⁺13, LWF⁺16, LZM14, MKS22, RWFJ19,
 SEF⁺19, SSS⁺23, WYCC11, ZCF18, ZZL⁺21,
 AVG12, AGG22, BB04, CCZ13, HP04, HL07,
 LYYB07, MP13, MSK05, PLK⁺19, SW13,
 SEP07, WYJL10, XL07, YCCY11].
Power-Aware [ACA⁺19, DTD16, SEP07, WYJL10].
Power-Efficient [HAC13, KH18].
Power-Gated [LZM14]. **Power-Gating**
 [ZCF18]. **Power-optimised** [RWFJ19].
Power-performance [LM05].
Power/Capacity [GBD⁺15]. **POWER8**
 [XFS⁺19]. **PowerMorph** [JYW22].
Practical
 [FXC⁺15, KWTD09, PDY⁺23, VOK⁺22,
 ZGX22, BSWLE13, FT10, ZBH⁺13]. **pre**
 [YCCY11, XC06]. **pre-wakeup** [YCCY11].
Preallocation [SSR13]. **Precise** [AFD07].
Precision [ASH20, CCCA20, WLJ⁺24,
 ZLM⁺23, AGG21, LDG⁺13]. **Precisions**
 [HDW21]. **Predicate** [CPB14].
Predicate-aware [CPB14]. **Predication**
 [HAC13]. **Predictability** [BB21, LBJ05].
Predictable
 [DPBI⁺19, SF18, VKM⁺21, XHJY17].
Predicting [WLWB19]. **Prediction**
 [AKBS21, BNS⁺21, EPS17, GAM12, KS21,
 MKS22, OAM19, PLG19, YPT⁺16, CST⁺06,
 Jim09, MG12, TS05]. **Predictive**
 [LCP⁺21, IMS⁺08, RBM10, YCCY11].
predictive/adaptive [RBM10]. **Predictor**
 [CNAA⁺22, Mic18, OAM19, AGVO05,
 JSM⁺04, SL09]. **Predictors**
 [EPAG16, LIS20]. **Prefetch**
 [AKBS21, SPS17]. **Prefetch-Fraction**
 [SPS17]. **Prefetched** [SYX⁺15]. **Prefetcher**
 [KPP21, LYH16, PB15, PWE20, SYX⁺15,
 XHL⁺24, LJMG12, SBC05].
Prefetcher-Caused [SYX⁺15].
Prefetchers [ELE⁺23, LBM13].
Prefetching [CSY20, KFEG18, LKV12,
 OAM19, SPS17, WPJ19, AGI⁺12, CA11,
 GB06, SBC05, WFKL10, YLTL04].
Presburger [JRH21]. **Preserving**
 [YXS⁺22, BOEN23, CPB14]. **Pressure**
 [KMAK22, SKPD19, SGM⁺22, SLP08,
 SSR13, YZ08]. **Pressure-Aware**
 [KMAK22]. **Preventing** [WDX14].
prevention [TBS06]. **Primitives**
 [THA⁺21]. **Priority** [ASV⁺16, XHJY16].

PRISM [OK21]. **Private** [DRHK15, SSK11]. **Private/Shared** [DRHK15]. **Pro** [BSG23, FYI+24]. **Probabilistic** [DAD16, EE12]. **Problem** [ABP+17, DBH16]. **Problems** [JOB+22, VFW16]. **Process** [LCW+23, LTX16, Pro21, KWCL09]. **Processes** [SOAK23]. **Processing** [CC13, CGP23, FLW+24, FYI+24, HNKK17, ICEDR24, LT19, LSH+23, LGH+21, MYG15, MYKG16, OLK+23, PBY+17, SNK+23, WZZ+20, WWL+21, ZPL+21, ZZH+23, ZLJ18, KKL+24]. **Processing-in-DRAM** [OLK+23]. **Processing-In-Memory** [HNKK17, MYKG16, MYG15]. **Processor** [AEJE16, AHA+19, BEE15, DSK19, HMYZ15, HWL+19, JYM20, JHH+23, LP17, LZZ+22, SKP+22, XGD+23, XFS+19, ZZZ+21, CS13, GW08, LGAZ07, LYYB07, SJA12, SHC13, SSPL+13, WFKL10]. **Processor-Memory** [SKP+22]. **Processor-Tracing** [HWL+19]. **Processors** [ASV+16, AMS23, CAMJ15, DBH16, KS16, KK15, MRK+22, NMPS22, SM19, SCK+21, SHD15, VFJ+17, YWXW12, YHYBAM20, CRSP09, CCD12, CSVM04, DEE13, EE09, EE12, FBWS13, GMW09, GWS13, GKP14, HWX+13, KLMP12, LMCV13, PI12, RGG+12, SRLPV04, SLP08, XT09, YZL+10]. **Productive** [KFEG18]. **Productivity** [SKAEG16]. **Profile** [CS13, FPK+24, SS04, SKKB18, SSU+13, WTF014]. **Profile-based** [SS04, SKKB18]. **profile-driven** [WTF014]. **Profile-guided** [CS13, SSU+13]. **Profiling** [CG15a, JRK16, MPW+17, FBHN04, MAN+08, NMKS06, ZCW10]. **profit** [ZCS06]. **profit-driven** [ZCS06]. **Profitability** [CLA+19]. **Program** [BB21, DSR15, PDCS24, PVA+17, RAF22, ZHB18, DS12, PJ13]. **Programmable** [MCB+12, AS13, Zha08]. **Programming** [ÄJE+16, MGSH16, PBY+17, RGK+23, RAF22, TWB21, YCA18, LD24, NCC13]. **Programming-Based** [ÄJE+16]. **Programs** [DKB+20, GKCE17, KPM21, KPP+15, LLS23, MPPS18, MNSC16, RHC15, SGS+20, WLZ+13, WGO15, PC13, PGB13, WO13, YLW08]. **Projection** [TTS19]. **promotion** [LJMG12]. **Proportional** [DH16]. **proportionality** [AVG12]. **proprietary** [JEBJ08]. **protect** [BVIB12]. **Protecting** [NRQ16a, CWC06]. **Protection** [AHA+19, BCHC19, Bis21, ERAG+16, CCZ13, MA08]. **protocol** [SSPL+13, SSH+13]. **Providing** [KKL+24, XHJY17]. **Provisioning** [BSSS14]. **PS** [LMJ13a]. **PS-TLB** [LMJ13a]. **pseudo** [YJTF13]. **pseudo-associativity** [YJTF13]. **Public** [SDS+21, WLWB19]. **Puppeteer** [ELE+23]. **Purpose** [CAMJ15, SDZ+21]. **Push** [LSH+23, YLTL04]. **Push-Memory** [LSH+23]. **Python** [ZXX23]. **QoS** [ASP17, FYI+24, JYW22, LPZI12, NMPS22, SAL19]. **QoS-Aware** [JYW22]. **QoS-Constrained** [NMPS22]. **QoS-enhanced** [FYI+24]. **QoS-pro** [FYI+24]. **QoS-Supervised** [ASP17]. **quadruple** [LDG+13]. **quadruple-precision** [LDG+13]. **Quality** [APS22, GSZI10]. **Quantifying** [DVG+23, LZW23]. **Quantitative** [ACG24, TCS16]. **Quantized** [WLJ+24]. **Quantum** [LD24, Lou19, SM19, IWP+04]. **quasi** [JSM+04]. **quasi-static** [JSM+04]. **Qubit** [LD24]. **QuCloud** [LD24]. **Query** [KVH23]. **Queue** [HLSW17, BB04]. **QuMan** [SKKB18]. **R** [VC16]. **R-GPU** [VC16]. **Race** [LHC+17, MNSC16, YZZ+23]. **Racetrack** [KHB+20]. **rack** [MKC+22]. **Radio** [DMR+16]. **radix** [ASK13, LDY+21]. **RAGuard** [ZHS+19]. **RAM** [CRC+21, LZL+13, PLK+19, RTK15, WDX14]. **Random** [ELE+23, HLZ+24, VSP+12].

Range [CTY⁺23]. **ranges** [MAN⁺08].
Rank [AJK⁺12, BOEN23].
Rank-preserving [BOEN23]. **Rate** [CWMC16, EPS18, SWO21, SHD15]. **RATT** [CWMC16]. **RATT-ECC** [CWMC16].
Rcmp [WGL⁺24]. **RDMA** [DWF⁺23, WGL⁺24]. **RDMA-Based** [WGL⁺24, DWF⁺23]. **Reach** [JED19].
Reactions [PBCB22]. **Read** [MNSC16, RJSA18, RLS15, JLCR13].
Read-Modify-Write [RLS15]. **read/write** [JLCR13]. **Real** [CCL⁺24, CEP⁺16, DPBI⁺19, DJZ⁺23, KE15, KTAE16, GK13, YZ08, ZGC⁺12].
Real-Time [CCL⁺24, CEP⁺16, DPBI⁺19, KE15, KTAE16, GK13, ZGC⁺12].
Real-world [DJZ⁺23]. **Reasoning** [DKB⁺20]. **reassignment** [CH06]. **recency** [VSP⁺12]. **recognition** [KKM⁺13].
recompilation [NED⁺13]. **Recompute** [AEE⁺19]. **Reconciliation** [TWB21].
Reconfigurable [DBH16, KHS⁺14, LMSE18, PT17, RJK24, TD16, VC16, VKM⁺21, AS13, KLMP12, KCP13, ZSLX13]. **Reconfiguration** [DTD16]. **Reconstructability** [BRJM15].
Reconstructing [WGL⁺24]. **Recovery** [LHY⁺06, RHLA14]. **Recycling** [KKAR16].
ReDirect [PT17]. **Reduce** [ASP17, DSR15, SLS⁺21, ZCCD16, YZ08].
Reduced [CS21, VED07]. **Reducing** [AMS23, CPP08, DQCK24, GWS13, HL07, JLCR13, SLP08, TS15, TCR⁺22, ZHD⁺04, Zha08, ZWS⁺16, BCM11, MP13, PGB12, ZSCM08]. **Reduction** [ASS17, APS22, KTAE16, LSC⁺15, LWL18, SJL⁺20, MSK05, XT09]. **Reductions** [PWP19]. **Redundancy** [YZZ⁺23].
Redundancy-aware [YZZ⁺23].
Redundant [KS16, SDK⁺22, JLER12].
Reference [DCL⁺22]. **references** [YZL⁺10]. **referent** [WK09]. **Refresh** [JHHM21, LSC⁺15, NCQ14, TKM14].
RegCPython [ZXX23]. **Region** [HWL⁺19].
Register [JCG⁺24, KPM21, LZM14, MP22, SKPD19, SGM⁺22, TS15, TWB21, VZS⁺18, YWXW12, YBSY19, ZXX23, BZS13, CH06, GKP14, JOA⁺09a, JOA⁺09b, JA14, SJV08, SLP08, SSR13]. **Register-based** [ZXX23].
Register-Pressure-Aware [SKPD19, SGM⁺22]. **registers** [SCEG08, YZ08]. **Regression** [JGSM15, CDPD13]. **Regular** [BC13, JSH09]. **Regulation** [JYW22, SCFD22]. **regulators** [EE11].
Reinforcement [JPS17, LSL20].
Relational [YDS⁺19]. **Relativization** [BDB⁺20]. **Relaxed** [GHH15, RJSA18, YJTF13]. **relaxed-order** [YJTF13]. **release** [GW09, JOA⁺09b, SLP08]. **Reliability** [NRQ16b, SQZK20, FCVR24, ZFT⁺18].
Reliable [CWMC16, KS16, KK15, ZLYW18, CPB⁺07].
Remapping [LWL18, ZPC06].
Rematerialization [SMS23]. **Remote** [TN20, XVT20, NMKS06]. **removal** [BCVT13]. **Removing** [ACGK04, JCG⁺24].
renaming [JA14]. **Rendering** [PLK⁺19].
ReNIC [DCP⁺12]. **reordering** [CZ07].
Replacement [DAD16, Mic16, FTLG11, TKJ13, WM11, ZDC⁺12]. **Replacing** [DKK⁺21]. **Replay** [CCL⁺13, MPHL22, SKS23]. **Replay-based** [MPHL22]. **REplayer** [DAP⁺15].
Replication [DWF⁺23, ACGK04, DCP⁺12].
Representation [SGS⁺20, KCKG14]. **representative** [BE13]. **requester** [ATGN⁺13]. **requester-wins** [ATGN⁺13].
ReRAM [JLL⁺23, ZFT⁺18].
ReRAM-based [JLL⁺23, ZFT⁺18].
ReSense [DWDS13]. **Reshaping** [JYW22].
Resilience [KPRK20, TCS16]. **Resilient** [OK21, Pro21, SZJK18]. **Resistance** [RJSA18]. **Resistive** [MYKG16, TZK18].
Resource [APS22, CMAP22, CSW⁺23, JZY⁺22, LZW23, MRK⁺22, MKC⁺22, Per18, PS12, QYZ⁺14, SAL19, ARS04,

DWDS13, GW08, NMKS06, VS11, ZK05]. **resource-constrained** [NMKS06, ZK05]. **resource-efficient** [GW08]. **Resources** [KLA⁺19, MTPK24, SDS⁺21, RGG⁺12]. **Restoration** [DQCK24]. **Retargetable** [SHY14, HEL⁺09, HLC10]. **retention** [PLK⁺19]. **Rethinking** [ERAG⁺16]. **return** [VS08]. **Reusable** [HPBS21]. **Reuse** [AKBS21, DAD16, GLTV23, HAM⁺20, JLJ⁺18a, KE15, KR19, LWW⁺24, SCMU22, SSW⁺19, AIVL13, FER⁺13, YZL⁺10, YLW08]. **Reuse-aware** [HAM⁺20]. **Reuse-Time-Label** [LWW⁺24]. **ReuseTracker** [SCMU22]. **Reusing** [PKPM19]. **ReveNAND** [SZJK18]. **Reverse** [SDS⁺21]. **Reviewers** [Aca16, Ano13b, Ano15, Bil19, Ano13a]. **Revisited** [AMG16, MBY13, VS08]. **Revisiting** [GFD⁺14, KAC15, MMS15, WWWL13]. **Rewrite** [SHS⁺20]. **Rewriting** [EZYA23, GMZ⁺21]. **RF** [TBC⁺12]. **RF-I** [TBC⁺12]. **RFVP** [YPT⁺16]. **RIMA** [XVT20]. **RISC** [JHQ23, MPU⁺23, TGRK21]. **RISC-V** [JHQ23, MPU⁺23, TGRK21]. **rNdN** [KVH23]. **RNN** [SAG22]. **Road** [SWU⁺15]. **ROCCC** [BCVN10]. **Rollback** [YPT⁺16]. **Rollback-Free** [YPT⁺16]. **Roofline** [ESR⁺15]. **ROP** [ZHS⁺19]. **router** [APG13, ASK13, LDL22]. **Routers** [LDY⁺21, LDL22]. **routes** [KCP13]. **Routing** [ACA⁺19, CVB15, LLC22, YRGES⁺19, BRSJG12, PRMH13]. **Row** [GBD21, SL20, JLCR13]. **Row-Buffer** [SL20]. **RRAM** [LCS⁺19]. **RRAM-Based** [LCS⁺19]. **RSA** [LFK19]. **RTL** [BGG⁺15]. **Rules** [SHS⁺20]. **Runtime** [APG⁺23, DBH16, DT17, ESB⁺20, KPP⁺15, LTG12, MMGS21, MSFC21, SSH19, TTS19, YAG⁺16, YRHBL13]. **Runtime-Reconfigurable** [DBH16]. **Runtimes** [CMAP22].

Sabrewing [BWG⁺12]. **SAC** [ZML⁺24]. **Safe** [JCG⁺24, YPT⁺16]. **Safe-to-Approximate** [YPT⁺16]. **Safety** [CLA⁺19, JRH21, SBC⁺22]. **Salvaging** [JDZ⁺13]. **Sample** [WDW⁺22]. **Sampled** [JYE⁺16, HS05]. **Sampling** [Lee16, ZWS⁺16, JYJ⁺13]. **Sandbox** [PKL⁺24]. **SAQIP** [SM19]. **Save** [ADGA20]. **Saving** [NMPS22]. **Scalability** [GVT⁺17, LMZ18, CWCS13, RVOA08]. **Scalability-Aware** [GVT⁺17]. **Scalable** [ASK13, CNS⁺16b, KFJ20, MG19, Per18, RJK24, SM19, SYE19, SGS⁺20, SMM⁺23, SSS⁺23, SJL⁺20, TCS16, ZLYW18, ZLJ18, ZM15, CWCS13, KCKG14, LNLK13, LMJ13a, SSH⁺13, VW11]. **Scalar** [SPH⁺17]. **Scalarization** [LAAMJ15]. **Scale** [CAY⁺18, DAKK19, JLJ⁺18a, SKH⁺16, YSD⁺23, ZPL⁺21, ZLM⁺23, CKL⁺24, HZC⁺23, RCV⁺12, SMK10]. **Scale-out** [YSD⁺23]. **Scaling** [BHC⁺16, GBD⁺15, MKKE15, ZLC⁺15, XMM04]. **SCALO** [GVT⁺17]. **Scenario** [BB21]. **Scenario-Aware** [BB21]. **Schedule** [GGS⁺17, GGS⁺19, LMSE18, SSW⁺19, SSB⁺20]. **Scheduler** [SCK⁺21, TD16, USCM16, WZZ⁺20, CWCS13, KCP13]. **Schedulers** [KKAR16]. **Scheduling** [ÄJE⁺16, ASV⁺16, CRBP24, CCL⁺24, DHX⁺22, DHD⁺14, HAM⁺20, LLC22, LWC⁺22, LZM14, MKKE15, QYZ⁺14, RB24, SLS⁺21, SKPD19, SGM⁺22, TAB⁺21, UPR22, XHJY16, BBG13, CPB14, CG14, EE12, MBKM12, SPGE06, SWH09, SSR13, TBC⁺12, XL07, ZGC⁺12, ZYCZ10]. **Scheme** [AEE⁺19, LLW⁺22, LD24, SDK⁺22, WPJ19, ZWL⁺19, BBG13, CCZ13]. **schemes** [KCKG14]. **Scientific** [RGK⁺23]. **SCIN** [NTG13]. **SCIN-cache** [NTG13]. **SCORE** [ZWL⁺19]. **SCP** [SLJ⁺19]. **Scratchpad** [JAK17, RTK15, SDZ⁺21, YBSY19, CS10, LFX09]. **script** [KBR⁺13]. **script-based** [KBR⁺13]. **Seamlessly** [KNBK12]. **Search**

[BOEN23, CRBP24, HKA⁺19, KL19, ZX19].
searches [KHW⁺05]. **SecNVM** [LLW⁺22].
SECRET [LSC⁺15]. **Section** [DSR15].
Section-Based [DSR15]. **Sector** [CAGS17].
Sectorized [CAGS17]. **Secure**
 [LLW⁺22, SOAK23, CRSP09, SSPL⁺13].
Securing [LIS20]. **Security**
 [SSH19, YGB21]. **Segmented** [LWW⁺24].
Select [TDS⁺21]. **Selecting**
 [BE13, TDO16b]. **Selection**
 [MNC⁺16, SNN⁺19, ZGP15, MBY13].
Selections [BAZ⁺19]. **Selective**
 [DKB⁺20, GGYK19, KMG14, LSC⁺15,
 WPJ19, LWWH12, MA08, VSP⁺12]. **Self**
 [LLRC17, MFSK24, SAL19, BBG13].
Self-aware [SAL19]. **Self-Balancing**
 [LLRC17]. **Self-checking** [MFSK24].
self-scheduling [BBG13]. **SelSMaP**
 [WPJ19]. **Semantic** [AP17, HCC⁺14].
Sensible [LMA⁺16]. **Sensing** [WCI⁺16].
Sensitive [PDCS24, Nas13]. **sensitivity**
 [DWDS13]. **Sensor** [DSK19].
Sensor-Processor [DSK19]. **Sequences**
 [ABP⁺17, MNC⁺16, KHW⁺05, PJ13].
Sequential [WLZ⁺13, LZ12]. **series**
 [LTG12]. **Server**
 [AVG12, FCD⁺17, JYW22, LTG12, RPE12].
Serverless [PKL⁺24]. **Servers** [LTX16].
Service
 [APS22, GMW09, JYW22, RB24, GSZI10].
Set
 [KBB⁺14, BR13, HL07, KWCL09, ZK06].
set-associative [HL07, KWCL09]. **sets**
 [DDU12]. **setups** [RPE12]. **sFtree**
 [BRSJG12]. **SG** [YGB21]. **SGD** [XDW⁺23].
Shadow [ZGX22]. **Shape** [MWJ19].
Shared [ADGA20, DRHK15, FYI⁺24,
 GKP14, GAH22, HMYZ15, KE15, LBM13,
 PG17, SKAEG16, SLJ⁺19, WJXC17,
 XHJY16, AGI⁺12, AIVL13, GGFPRG12,
 GSZI10, HLR⁺13, KGK10, LHWB12,
 RGG⁺12, WM11, ZPC06]. **shared-data**
 [HLR⁺13]. **shared-memory** [ZPC06].
Shared-port [GKP14]. **Sharing**
 [GG18, JAK17, KLA⁺19, MTPK24, NSF⁺21,
 YDL⁺17, ZJJ⁺15, ZNTJE23, SSK11]. **Shelf**
 [DPBI⁺19]. **Shifts** [KHB⁺20].
ShiftsReduce [KHB⁺20]. **shotgun**
 [FBHN04]. **showdown** [SCEG08]. **shuffler**
 [BVIB12]. **Side** [AHA⁺19, BCHC19, Bis21,
 JFK20, JHQ23, LFK19, BVIB12, DJL⁺12].
Side-Channel
 [BCHC19, Bis21, JFK20, LFK19, BVIB12].
Sided [DWF⁺23]. **signatures** [OAB12].
Significance [PVA⁺17].
Significance-Aware [PVA⁺17].
Significantly [MP13]. **Silent** [PLG19].
silicon [PCT12]. **SIMD**
 [BR13, DSK19, FSYA09, GS12, GSZY20,
 GR15, HEL⁺09, KMG14, LHW⁺19, MYG15,
 MYKG16, RMA14, SMKH15, WWC⁺16,
 WWGS22, ZX19, ZX16]. **SIMD-based**
 [WWGS22]. **SIMD-Matcher** [WWGS22].
Simple [BNS⁺21]. **Simplifying** [ZZB⁺19].
SIMPO [ZLYW18]. **SIMT**
 [CC18, LAAMJ15, TCS20, XGD⁺23].
SIMT-X [TCS20]. **Simulating** [RPE12].
Simulation [GMZ⁺21, JYE⁺16, PDCS24,
 QSZ⁺21, SLJ⁺18, SKP⁺22, vdVSAAS20,
 HS05, JYJ⁺13, RCV⁺12]. **Simulations**
 [CAY⁺18, HEMK17, JLJ⁺18b]. **Simulator**
 [LCS⁺19, NRQ16b, TPN⁺20]. **Simulators**
 [JLJ⁺18b]. **Simultaneous**
 [LGP⁺16, WLLW20, EE09, RCG⁺10a].
Simultaneously [LAS⁺13]. **Single**
 [LD24, RTG⁺07, TCS20, ZWY17, CG14,
 GB06, JK13, VE13, WK09].
Single-dimension [RTG⁺07].
Single-Instruction [TCS20]. **single-ISA**
 [CG14, VE13]. **single-referent** [WK09].
Single/Multi [LD24].
Single/Multi-programming [LD24]. **Site**
 [HZN⁺22]. **Size** [ZCDD23, MBY13].
Skeleton [NC15]. **Skeleton-Based** [NC15].
Sketch [XDXL19]. **SketchDLC** [XDXL19].
Skinny [BHWN21]. **Skylake**
 [HYYBM16, YHYBAM20]. **Skylake-Based**
 [HYYBM16, YHYBAM20]. **Slack**

[NMPS22]. **SLAP** [LWW⁺24]. **Slice** [KABS22, LNFE22]. **Slice-out-of-order** [KABS22]. **Slicing** [FSP⁺23]. **SLO** [SCK⁺21]. **SLO-Aware** [SCK⁺21]. **SLOOP** [ASP17]. **Slowdown** [XHJY17]. **SM** [ZJJ⁺15]. **Small** [WDW⁺22]. **Small-Sample** [WDW⁺22]. **SMART** [LLC22, AGVO05, WYZ⁺23]. **Smart-DNN** [WYZ⁺23]. **SMT** [EE12, LLC22, LMCV13, PLT⁺15, SLP08, VS11, WA08]. **SMT-Based** [LLC22]. **Snapshot** [LDC15]. **Snippets** [SWU⁺15]. **Snug** [HL07]. **SoC** [CWW⁺16, ESB⁺20]. **SoCs** [FDF⁺14, SAL19]. **Soft** [BDB⁺20, FWJ⁺16, OK21, LKL⁺13]. **Soft-Error** [OK21]. **Software** [Abd20, BCHC19, Bis21, DMR⁺16, GSC17, LCL⁺14, MGI15, RCV⁺05, RWFJ19, SBS16, SDK⁺22, SEP07, VCJ⁺17, VZS⁺18, WLLW20, YWXW12, ZGX22, CPB14, CS10, HWH⁺11, HCC⁺14, MMdS06, RVOA08, RCG⁺10b, RTG⁺07, TGAG⁺12, YRHBL13]. **Software-Based** [ZGX22, LCL⁺14]. **Software-controlled** [RCV⁺05]. **Software-Defined** [DMR⁺16, TGAG⁺12]. **Software-Directed** [VZS⁺18, SEP07]. **software-guided** [RCG⁺10b]. **Software-hardware** [Abd20]. **Software-level** [SDK⁺22]. **Software-Managed** [YWXW12]. **Solution** [WLLW20]. **Solving** [JOB⁺22]. **Some** [KAC15, Mic16]. **SortCache** [SJC⁺21]. **Source** [BGG⁺15, EZYA23, HKA⁺19, YRGES⁺19, VOK⁺22]. **Source-adaptive** [YRGES⁺19]. **sourced** [MPHL22]. **Space** [BC13, CAGS17, ESB⁺20, KL19, CPP08, IMS⁺08, Nas13, PJ13, VHKP11]. **Space-Efficient** [BC13, Nas13]. **spaces** [BE13]. **Sparse** [ASH20, ACGH24, BJWS18, BKS⁺22, HEDH21, HBPH24, ICEDR24, JOB⁺22, SMN22, SJL⁺20, SJC⁺21, XLH⁺24, YAG⁺16, YXMC23, ZBC⁺22, ZPH⁺23, BR13]. **Sparsification** [XDW⁺23]. **Sparsity** [RJK24, XSF⁺23]. **Sparsity-Aware** [RJK24]. **Spatial** [CKP⁺22]. **Spatiotemporal** [LAAMJ15, PL23]. **SPCM** [HASA16]. **SPEC2006** [HPBS21]. **SPEC2017** [HPBS21]. **special** [CDM13, SHC13, SD12]. **Specialization** [ANS⁺22, BB21, FBC⁺22, LLS23, YAG⁺16]. **Specialized** [GáSÁ⁺16, RAF22, GÁSÁ⁺13]. **species** [NCC13]. **Specific** [CGP23, GMZ⁺21, UDLD20, CZGC20, PRMH13]. **Specification** [ZPH⁺23]. **SpecTerminator** [JHQ23]. **Spectral** [SBC05]. **Spectralization** [KS21, MGI15, GPL⁺05, SHLM14]. **Speculative** [JHQ23, VS08, DC07, GPL⁺05, LCH⁺04, LHY⁺06, LZ12, LHZ13, NTG13, VS11, XIC12, XC06, YRHBL13, ZSCM08]. **speed** [GB06, RPE12]. **Speeding** [GGS⁺19]. **SpGEMM** [ZBC⁺22]. **Spiking** [CRC⁺21]. **spill** [XT09]. **Spilling** [CBD15]. **Spin** [ZML⁺24]. **Spin-based** [ZML⁺24]. **Spintronic** [CRC⁺21, RKC⁺20]. **split** [RFD13, TBS06]. **splitting** [WWY⁺12]. **SplitZNS** [HFL⁺23]. **SPM** [KE15]. **SpMV** [BJWS18, ZLYZ16]. **SpMxV** [KKG10]. **sporadic** [ZGC⁺12]. **spurious** [BCVT13]. **SPX64** [SDZ⁺21]. **Squash** [SKS23]. **SR** [DCP⁺12]. **SR-IOV** [DCP⁺12]. **SRAM** [GBD⁺15]. **SSA** [AvRF07, BZS13, CBD15, PBCB22]. **SSA-based** [AvRF07]. **SSA-form** [PBCB22]. **SSD** [CKL⁺24, HWJ⁺15, KHS⁺14, SLH⁺20, WZWW23, XDW⁺23]. **SSD-HDD-hybrid** [CKL⁺24]. **SSD-SGD** [XDW⁺23]. **SSDs** [FYI⁺24, HFL⁺23, LHS⁺24, SLS⁺21]. **Stabilization** [SHD15]. **stack** [CH06, VS08, SCEG08]. **Stacked** [CWMC16, DVG⁺23, LGP⁺16, NRQ16a, NRQ16b]. **Stacking** [APBR16, ZSLX13]. **Stacks** [ZGX22]. **stage** [ZZL⁺21]. **State** [CSF⁺20, DWF⁺23, GPL⁺05]. **Static** [AFD12, BHC⁺16, PLG19, SHY14, TPB24, JSM⁺04]. **statically** [NED⁺13]. **Stealing** [CG15a, CMAP22, MN24, ZCQ⁺19]. **Stencil**

[CNS^{+16b}, DKB⁺²⁰, KFJ20, SHS⁺²⁰, XFS⁺¹⁹, LFC13]. **Stencil-Based** [XFS⁺¹⁹]. **Step** [Lou19]. **Stopping** [SKS23]. **Storage** [CKL⁺²⁴, HLZ⁺²⁴, KBB⁺¹⁴, LTX16, WZX⁺²⁴, XZW⁺²², KKL⁺²⁴]. **Store** [KKAR16, XZW⁺²², LHWB12, SL09]. **Stores** [PLG19]. **Strategies** [MRK⁺²², WYCC11]. **Strategy** [KFJ20, YCCY11, ZHD⁺⁰⁴]. **Stream** [LT19, XCC⁺¹³, YWXW12, MG13, YZL⁺¹⁰]. **Streaming** [CNS^{+16b}, MKKE15, PC13, WO13]. **Streaming-Based** [CNS^{+16b}]. **Streams** [SJL⁺²⁰]. **Strength** [GAM12]. **Strength-Based** [GAM12]. **Stride** [WPJ19]. **String** [EZYA23, CW13, PLL10, TBS06]. **String-Based** [EZYA23]. **string-matching** [CW13, PLL10, TBS06]. **Strings** [SPM17]. **Striped** [HASA16]. **Strong** [OK21]. **Structure** [JHH⁺²³, WWY⁺¹²]. **Structured** [BDB⁺²⁰]. **Structures** [IPSD21, FLG12]. **STT** [LZL⁺¹³, PLK⁺¹⁹, RTK15, WDX14]. **STT-RAM** [LZL⁺¹³, WDX14]. **STT-RAM-based** [PLK⁺¹⁹]. **studies** [LB10]. **Study** [CPS⁺¹⁵, SKAEG16, SSRS15, MSF⁺⁰⁷]. **Studying** [CBD15]. **Sub** [ABP⁺¹⁷]. **Sub-Sequences** [ABP⁺¹⁷]. **Sublining** [HEDH21]. **subranked** [CCZ13]. **Subsetting** [AJK⁺¹²]. **Substrate** [ZZH⁺²³]. **subwords** [SJV08]. **Suite** [CCM⁺¹⁶, DDT⁺¹⁷]. **Sunway** [AYL⁺¹⁸, MLC⁺²³, ZFF⁺¹⁸]. **Supercomputer** [AYL⁺¹⁸, ZFF⁺¹⁸]. **Superpages** [WLL⁺¹⁹]. **Superscalar** [BEE15, MMS15, SRLPV04]. **Superscalars** [HYBR⁺¹⁵]. **Supervised** [ASP17]. **supplied** [YZL⁺¹⁰]. **Supply** [HAM17, HAM19, MST⁺²¹]. **Support** [BKS⁺²², KFEG18, LZZ⁺²², ME15, MTPK24, SBC⁺²², SKAEG16, ZZB⁺¹⁹, CWC06, DMG13, EAH⁺²⁰, LMJ^{+13b}, SLA⁺⁰⁷, ZSCM08, ZZQ⁺⁰⁵]. **Supporting** [WLL⁺¹⁹, SHC13]. **Surrogate** [BOEN23, GGS⁺¹⁹]. **Survey** [ICEDR24]. **SW** [KMG14, TS15]. **SW/HW** [TS15]. **SW26010** [JYM20]. **switch** [ASK13, BRSJG12, CPB⁺⁰⁷, GWM07, LS10]. **switch-to-switch** [BRSJG12]. **SWITCHES** [DT17]. **Switching** [MSFC21, DMG13]. **SYCL** [PSL⁺²³]. **symbiosis** [EE12]. **Symbolic** [LLS23, ZLJ18]. **SYmmetric** [PS12]. **Symmetry** [GSC17, ZDC⁺¹⁶]. **Symmetry-Agnostic** [ZDC⁺¹⁶]. **Synchronization** [DAKK19, GWZ22, MNSC16, SLJ⁺¹⁸, CCPG13, ZSCM08]. **Synchronization-Aware** [SLJ⁺¹⁸]. **Synchronous** [PBCB22]. **SynchroTrace** [SLJ⁺¹⁸]. **Synergistic** [VGX16]. **Synthesis** [DJC16, GSC17, MMLS21, SJD22, SSW⁺¹⁹, SSB⁺²⁰, UDLD20]. **Synthesizer** [DS16]. **SYRANT** [PS12]. **System** [Abd20, AJK⁺¹², CC18, CSW⁺²³, GBD21, HPBS21, HHC⁺¹⁶, HHW⁺²², LYK⁺¹⁵, LCS⁺¹⁹, LWC⁺²², LZW23, MMGS21, MGSH16, PDY⁺²³, PLT⁺¹⁵, SBS16, SWF16, TKKM15, VOK⁺²², VKM⁺²¹, ZFT⁺¹⁸, ZZL⁺²¹, CDPD13, HCC⁺¹⁴, KBR⁺¹³, LWH11, SSPL⁺¹³, TBC⁺¹², WSC⁺¹³]. **System-** [PLT⁺¹⁵]. **System-Level** [LCS⁺¹⁹, LZW23, ZZL⁺²¹]. **Systematic** [EMR14]. **Systematically** [JLJ^{+18b}]. **Systems** [AGG21, ANS⁺²², APG⁺²³, CNS16a, CKPH19, CWK⁺²⁴, FMY⁺¹⁵, FPMR21, GTT⁺¹⁶, HYYBM16, JED19, KE15, KTAE16, KAC⁺¹⁸, KHN⁺¹⁸, KMAK22, LMA⁺¹⁶, LYH16, MMT⁺¹², MKKE15, MSFC21, NRQ16b, OKJ⁺²², PLK⁺¹⁹, PG17, PBY⁺¹⁷, PGB16, SKP⁺²², SPS17, TMP16, TPN⁺²⁰, TCS16, USCM16, WGO15, WLL⁺¹⁹, XHJY16, ZDC⁺¹⁶, ZSM⁺¹⁶, CPP08, CWCS13, DXMJ11, GK13, GHS12, HS06, HWH⁺¹¹, KNBK12, KGK10, LMJ^{+13b}, LCL⁺¹⁴, LHZ13, LFC13, LHWB12, MP13, NCQ14, YRHBL13,

ZVYN05, ZPC06, ZCW10, ZDC⁺¹².
Systolic [SMN22, XMW⁺²¹, YSD⁺²³].

tables [CPB14]. **TACO** [Aca16, Ano15, Ano13a, Ano13b, Bil19].
TACOMA [AVG12]. **Tactics** [CZGC20].
TAFFO [CCCA20]. **TAGE** [Mic18].
TAGE-like [Mic18]. **Tagged** [CTY⁺²³].
TaihuLight [AYL⁺¹⁸, ZFF⁺¹⁸]. **tail** [SLS⁺²¹]. **taken** [PS12, PS12]. **Taking** [SWU⁺¹⁵]. **Tall** [BHWN21].
Tall-and-Skinny [BHWN21]. **taming** [ZBH⁺¹³]. **target** [LBJ05]. **Targeting** [KPRK20]. **Targets** [SAL19]. **Task** [APS22, CCM⁺¹⁶, CMAP22, DHD⁺¹⁴, GTT⁺¹⁶, KKAR16, LLC22, MPPS18, RHC15, SN17, SDH⁺¹⁵, ZCQ⁺¹⁹, ZWY17, CG14, LMJ^{+13b}, VTN13, ZYCZ10, APS22].
Task-Parallel [APS22, DHD⁺¹⁴, MPPS18, SN17].
Task-RM [APS22]. **Task-stealing** [ZCQ⁺¹⁹]. **Tasks** [DT17, MKKE15, PVS⁺¹⁷, PWPDP19, ZGC⁺¹², PWPDP19].
TEA [HLZ⁺²⁴]. **Technique** [BSG23, HNKK17, PGB16, XT09].
Techniques [ATGN⁺¹³, DJC16, HAC13, VZS⁺¹⁸, YMM⁺¹⁵, MMdS06, MG12, RCG^{+10a}].
technologies [WLZ⁺¹⁰]. **Technology** [WZX⁺²⁴, NED⁺¹³, RWY13].
Temperature [CS21, SSS⁺⁰⁴, MSF⁺⁰⁷].
Temperature-aware [SSS⁺⁰⁴].
temperature-constrained [MSF⁺⁰⁷].
Template [UJW15]. **Temporal** [HLZ⁺²⁴, TKJ13]. **Temporal-based** [TKJ13]. **Tenant** [FCD⁺¹⁷, KLA⁺¹⁹].
Tensor [ACGH24, BKS⁺²², GGK18, SMS23, ZPH⁺²³, WZWW23]. **tenure** [RBM10]. **TEP** [LP17]. **Test** [KPM21, SV05]. **Test-pattern** [KPM21].
Tetris [XT09]. **Tetris-XL** [XT09]. **Thefts** [GAH22]. **Their** [SKS23, ZG05]. **Theory** [YDL⁺¹⁷, YDS⁺¹⁹]. **Thermal** [LMMM08, MRK⁺²², SKP⁺²², CK11, WA08, ZYCZ10].
Think [TIP⁺²³]. **Thread** [CDPN16, DSR15, HAM⁺²⁰, LMZ18, LWL18, LYH16, MGI15, PGB12, RCG^{+10a}, SF18, TAB⁺²¹, YBSY19, BTS10, CCPG13, DEE13, GPL⁺⁰⁵, LHZ13, MSF⁺⁰⁷].
Thread-Aware [LYH16]. **Thread-Data** [LWL18]. **Thread-Level** [LMZ18, MGI15, YBSY19, GPL⁺⁰⁵].
Thread-management [RCG^{+10a}].
Threaded [GVT⁺¹⁷]. **Threading** [KS16, TCS20]. **Threading-Based** [KS16].
Threads [BAZ⁺¹⁹, GB06, LZ12, ZSCM08].
Three [VFW16]. **Threshold** [HK14].
Throughput [CSW⁺²³, EMR14, KCA⁺¹³, SAG22, BKA13, BTS10, OGK⁺¹², TBC⁺¹²].
throughput-oriented [BTS10].
throughput/watt [TBC⁺¹²]. **Tiered** [CWMC16]. **Tightly** [Abd20]. **Tile** [MBY13, MMGS21]. **Tiled** [KPP⁺¹⁵, MFSK24, SYE19, ZCF18, CC13].
Tiled-MapReduce [CC13]. **Tiles** [ZC20].
Tiling [CC13, SHS⁺²⁰, XLH⁺²⁴, ZGP15, BCVT13].
Time [BC13, BNS⁺²¹, CSF⁺²⁰, CCL⁺²⁴, CEP⁺¹⁶, DPBI⁺¹⁹, HZN⁺²², KE15, KTAE16, LWW⁺²⁴, Nas13, PKPM19, SEF⁺¹⁹, CCD12, GK13, KHL⁺¹³, LTG12, LMCV13, RGG⁺¹², ZGC⁺¹²]. **Time-** [BC13, Nas13]. **time-critical** [RGG⁺¹²].
time-series [LTG12]. **timekeeping** [WM11]. **Times** [ACGH24]. **timestamp** [RLS13]. **timestamp-based** [RLS13].
Timing [AGG22, AMS23, BB21, Bis21, JFK20, LAS⁺¹³, LFK19]. **TL** [ZGC⁺¹²].
TL-plane-based [ZGC⁺¹²]. **TLB** [CTY⁺²³, DHX⁺²², JED19, LMJ13a, LBM13]. **TLB-pilot** [DHX⁺²²]. **TLBs** [LBM13]. **TLC** [PM17]. **TLP** [LMZ18, SNL⁺⁰⁴]. **TNT** [RKL23]. **Token** [RBM10]. **token-counting** [RBM10].
Tokens [ZFL18]. **TokenSmart** [SSS⁺²³].
Tolerance [AAI⁺¹⁶, RCV⁺⁰⁵]. **Tolerant** [DSH⁺¹⁸, HAM17, LCC11]. **Tolerating** [KWCL09, YLTL04]. **Tomasulo** [WLZ⁺¹³].

Tomography [MMT⁺12]. **Tool** [FPMR21, GDL16, JLL⁺23, MPW⁺17, PD17]. **Toolchain** [SKP⁺22]. **Tools** [BKM⁺17, UDLD20]. **Topological** [CVB15, KKM⁺13]. **Topologies** [DJC16, YRGES⁺19]. **Topology** [DHD⁺14]. **Topology-Aware** [DHD⁺14]. **TornadoNoC** [LNLK13]. **Trace** [HWM14, XDXL19, CWS06, HCC⁺14, SWH09]. **trace-based** [HWM14]. **Traces** [HEMK17, PDCS24, SLJ⁺18, TG07, ZG05]. **Tracing** [HWL⁺19, HCC⁺14]. **Tracker** [CSSU21]. **Tracking** [LLRC17, MMT⁺12, KHL⁺13, VTN13]. **Tracks** [SKS23]. **Trade** [ABK21, AVG12]. **Trade-off** [ABK21, AVG12]. **Tradeoffs** [GPL⁺05, MAY23]. **Trading** [NMPS22]. **Traffic** [SLH⁺20, FQRG13, LYYB07]. **Training** [WZWW23, XDW⁺23]. **Tranquilizer** [PGB12]. **Transaction** [FYI⁺24, ZCCD16, SSU⁺13]. **Transactional** [DHK18, DD16, GMGZP14, CDM⁺22, IPSD21, NZ15, PD17, RLS15, VSDL16, ZZB⁺19, ATGN⁺13, RLS13, SSU⁺13, TGAG⁺12, WKCS12, YJTF13]. **Transactions** [DD16, LDC15, SSU⁺13]. **Transcendental** [SSRS15]. **Transfer** [HHC⁺16, TMSR23]. **transfers** [STLM12]. **Transformation** [BDB⁺20, CLA⁺19, JSL13]. **Transformations** [RAF22, TPB24, BCVN10, RCG⁺10b, SLM12]. **Transformer** [DJZ⁺23]. **transition** [CW13]. **transitioning** [HWM14]. **transitions** [SW13]. **Translation** [CTY⁺23, HWL⁺19, JED19, KPM21, LHW⁺19, TKKM15, ZCDD23, HWH⁺11, LWH11, LMJ13a]. **Translator** [SHY14, HLC10]. **Translators** [DGGL16, XYY⁺24, GHS12]. **Transparency** [GKCE17]. **Transparent** [MSFC21, RVKP19, ZHS⁺19]. **Transport** [ÄJE⁺16]. **transpose** [GS12]. **transpose-free** [GS12]. **Traversal** [LZZ⁺22, RMA14]. **Traversals** [SSS⁺24]. **Traversing** [RKL23]. **Tree** [HFL⁺23, LHS⁺24, SSS⁺24, WX24, ZX19, CDPD13, PRMH13, XZW⁺22]. **Trees** [JGSM15, BRSJG12]. **Triangle** [CNAA⁺22]. **Triangular** [BSL17]. **Triggered** [ÄJE⁺16, JHHM21, YXS⁺22]. **Triple** [HBPH24, LP17]. **TRIPS** [SNL⁺04]. **Trusted** [PKL⁺24]. **TSV** [NRQ16a]. **Tumbler** [PGB16]. **Tunable** [MGSH16]. **Tuning** [CG15a, JGSM15, JA14, LL22, MGI15, WG17, XFS⁺19, APG⁺23, WKCS12]. **Turbo** [KH18]. **Turn** [PL23, AGVO05]. **Turn-based** [PL23]. **turn-off** [AGVO05]. **Two** [CWMC16, JYE⁺16, LIS20]. **Two-Level** [JYE⁺16, LIS20]. **Two-Tiered** [CWMC16]. **Tyche** [XHL⁺24]. **type** [BR13, JML⁺20]. **Types** [PD17]. **ULEEN** [SAM⁺23]. **Ultra** [ESB⁺20, SAM⁺23, ZML⁺24]. **Ultra-Efficient** [ZML⁺24]. **Ultra-low-energy** [SAM⁺23]. **Ultra-Low-Power** [ESB⁺20]. **UMH** [ZSM⁺16]. **Understanding** [EPAG16, LS10, MMT⁺12, RS21, VE13]. **Unified** [ACG24, LSH⁺23, TG07, WWL⁺21, ZSM⁺16, YXK⁺12, KRHK16]. **Unified-memory-efficient** [WWL⁺21]. **Uniform** [HK14]. **Unit** [FLW⁺24]. **Units** [GG18, GaSÁ⁺16, SEF⁺19, GÁSÁ⁺13, HVJ06, YCCY11]. **unloading** [ZK05]. **Unnecessary** [TMSR23]. **Unreliable** [PVA⁺17, SQZK20]. **Unstructured** [TPB24]. **Unsynchronized** [DSR15]. **UPC** [SKAEG16]. **update** [LZYZ09]. **update-conscious** [LZYZ09]. **Upon** [YXS⁺22]. **usage** [VS11]. **Use** [SW17a]. **Useful** [SAT20]. **User** [KKAR16, PSL⁺23, ZHS⁺19]. **User-Assisted** [KKAR16]. **User-driven** [PSL⁺23]. **User-Transparent** [ZHS⁺19]. **uses** [GB06]. **Using** [AZG17, AMP⁺16, ABP⁺17, BSL17, BAZ⁺19, CCL⁺13,

DKB⁺²⁰, DAKK19, ESR⁺¹⁵, EZYA23, FDF⁺¹⁴, FSP⁺²³, GáSÁ⁺¹⁶, GR15, CDM⁺²², JGSM15, KR19, Lou19, MLB⁺²³, RGK⁺²³, RLBBN15, SSH19, SYX⁺¹⁵, SGM⁺²², SPS17, SPS12, SHS⁺²⁰, SSH⁺¹³, SSRS15, TPB24, UJW15, WO13, YGB21, ZLYW18, ASK13, BZS13, CAMJ15, CGP23, DDU12, DWDS13, DXMJ11, DJB13, EE11, HVJ06, JSH09, JSM⁺⁰⁴, KKM⁺¹³, LZM14, MG13, RCV⁺¹², SHLM14, SWH09, SSR13, TTS19, YRGES⁺¹⁹, YCCY11, YCA18, ZHD⁺⁰⁴, CST⁺⁰⁶]. **Utility** [LDL22, PDCS24, PB15]. **Utility-Aware** [PDCS24]. **Utility-Driven** [PB15]. **Utility-of-Allocation** [LDL22]. **Utilization** [CAGS17, FLW⁺²⁴, LWF⁺¹⁶, SKKB18, TZK18, VZS⁺¹⁸, YWXW12, ZCCD16, XCC⁺¹³]. **Utilizing** [TBC⁺¹², KCP13]. **UVMs** [KRHK16].

V [JHQ23, MPU⁺²³, TGRK21]. **v2** [DZSL20]. **Value** [CSSU21, EPS17, GAM12, KS21, OAM19, YPT⁺¹⁶, CST⁺⁰⁶]. **Value-next** [OAM19]. **Valued** [RSU⁺²⁰]. **variability** [LYYB07]. **Variable** [MY16, NB13]. **variation** [CK11, PGB12, XL07]. **variations** [KWCL09]. **Vector** [ASH20, HBPH24, MPU⁺²³, SPH⁺¹⁷, YAG⁺¹⁶, ZLWS24]. **Vector-Scalar** [SPH⁺¹⁷]. **Vectorization** [AMG16, RWY13, SPS12]. **Vectorized** [TPB24]. **Vectorizing** [SAT20]. **Vectors** [ICEDR24, SL09]. **Verification** [MMGS21]. **Versatility** [SJV08]. **versioning** [NTG13]. **versus** [SCEG08]. **VGRIS** [QYZ⁺¹⁴]. **via** [ADGA20, CHD⁺²³, DSH⁺¹⁸, FBC⁺²², IMS⁺⁰⁸, JHH⁺²³, LFX09, LGH24, MNSC16, RCG^{+10b}, SYE19, SCFD22, WGL⁺²⁴, XGD⁺²³, XHJY17, XDXL19, ZYCZ10]. **viable** [PI12]. **victim** [VSP⁺¹²]. **Video** [CAMJ15, HHW⁺²²]. **Virtual** [ACG24, BSSS14, HWJ⁺¹⁵, KBB⁺¹⁴, KRHK16, SCEG08, JA14, VED07, WHV⁺¹³, YZ08]. **Virtualization** [HHC⁺¹⁶, SWF16, WWH⁺¹⁶, DCP⁺¹²]. **Virtualized** [QYZ⁺¹⁴, WWWL13]. **Virtualizing** [MTPK24, WFKL10]. **Virtually** [RFD13]. **Visible** [KBB⁺¹⁴]. **Visual** [ZHB18]. **Visualizing** [MMT⁺¹²]. **Vitruvius** [MPU⁺²³]. **VLIW** [CPP08, GKP14, LKL⁺¹³, LDG⁺¹³, LZM14, PI12, TC07, XL07, XT09]. **VLIW-based** [CPP08]. **VM** [YKM17, ZLWS24]. **Volatile** [RTK15, WSJ⁺²¹, YXS⁺²², AEE⁺¹⁹, WDXJ14]. **Voltage** [APBR16, RCG^{+10b}, XMM04]. **Voltages** [HK14]. **vs** [LMZ18, SV05]. **VSim** [RPE12]. **Vulnerability** [TS15, WAST16, LKL⁺¹³].

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