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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, LCW⁺24, LD24, NRQ16b,
SZJK18, SKP⁺22, ZSLX13]. **2** [DZL⁺24]. **3**
[CCZ13, DDT⁺17]. **A²** [SHL⁺24]. **K**
[Abd20, WZX⁺24]. **QR** [BHWN21]. **Z**
[SLM12].
***** [SCFD22].
-D [CAY⁺18]. **-means** [Abd20]. **-mer**
[WZX⁺24]. **-polytopes** [SLM12]. **-Tree**
[WX24].
/channel [LCL⁺14].

FLL⁺24, FPK⁺24, GGYK19, GÁSA⁺13, GR15, HHW⁺22, JYJ⁺13, KFJ20, LCP⁺21, LWF⁺16, LGH⁺21, MLZ⁺24, RMA14, SJC⁺21, TMP16, WPR⁺22, WZX⁺24, XSF⁺23, ZBC⁺22, HWX⁺13]. **Acceleration** [Abd20, BHWN21, GáSA⁺16, HAC13, HBPH24, RVKP19, SYS⁺24, WFKL10]. **Accelerator** [CLA⁺19, DLS22, LFP⁺24, MCB⁺12, MMLS21, QAT24, RJK24, SMN22, SHL⁺24, SNK⁺23, WWY⁺24, XLH⁺24, YXMC23, YZZ⁺23, YCA18, LHWB12, TWB21, VDSP09, ZLZB24]. **accelerator-based** [LHWB12]. **Accelerator-bound** [CLA⁺19]. **Accelerators** [CKP⁺22, ICEDR24, JHHM21, KCA⁺13, KMG14, LWC⁺22, LSH⁺23, MTK18, MFSK24, SJD22, USCM16, XLD⁺24, BKA13, CI13]. **Access** [CG15b, CSK19, GFD⁺14, HK14, LGP⁺16, LHC⁺17, LWS⁺19, LLL⁺24, LTX16, PWE20, SKH⁺16, WZW⁺24a, 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]. **Achieving** [ZNX⁺24]. **ACM** [Aca16, Ano13a, Ano15, Bil19]. **Across** [ELE⁺23, FDF⁺14, LLL⁺24, NDP17, SW17a]. **ACTION** [MK23]. **Activation** [DQCK24]. **activations** [JLCR13]. **Active** [KHS⁺14]. **Adapt** [DGI⁺14, PGB13]. **adaptation** [DJB13, LGAZ07, SS04]. **Adapting** [GHH15, LBJ05]. **Adaptive** [BL24, 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** [XLD⁺24]. **ADC-less** [RJK24]. **Address** [AKBS21, BDB⁺20, CTY⁺23, JED19, LHC⁺24, OAM19, SKAEG16, TLS⁺24, 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]. **AG** [HSL24]. **AG-SpTRSV** [HSL24]. **Against** [BCHC19, ERAG⁺16, PHBC17, BVIB12, SDK⁺22, ZHS⁺19]. **Agent** [JPS17, KKL⁺24]. **Aggregate** [LY16]. **Aggregation** [AYC16, GLX⁺24, JZY⁺22]. **Aggressiveness** [PB15]. **Agile** [ABV⁺24]. **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]. **AIE** [ZLZB24]. **AIM** [AYC16]. **ALEA** [MPW⁺17]. **Algebra** [APG⁺23]. **Algebraic** [WCW⁺24]. **Algorithm** [BC13, CRBP24, DGI⁺14, DTD16, LCW⁺23, ZLZB24, BRSJG12, CW13, CDPD13, HAJ⁺12, PLL10, XC06, ZGC⁺12]. **Algorithmic** [AAI⁺16, NCC13]. **Algorithms** [GLX⁺24, Pro21, OGG⁺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, GÁSA+13, RCV+12, SB09, TDP15]. **Application-Guided** [GTT+16]. **Application-Level** [PLT+15]. **Application-oblivious** [LWC+22]. **Application-Specific** [UDLD20]. **Applications** [ASS17, ABV+24, 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, GKG18, 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** [ABV+24, BOEN23, DNS+24, FLL+24, FBC+22, HK14, HLZ+24, KAC+18, LWS+19, OBdOJ+24, OK21, PVS+17, SLJ+18, SM19, SHY14, SWF16, SAM+23, VC16, VFJ+17, WDX24, XMW+21, XLD+24, 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, ZMLL24, BBG13, BWLR06, BTS10, CG14, CK11, CDM13, KCP13, LKL+13, LHC+24, 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, LY24, 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]. **Asynchronous** [WZW+24a]. **Attack** [DHX+22, LFK19]. **Attacks** [BCHC19, CWK+24, ERAG+16, PHBC17, SKS23, ZHS+19, BVIB12, CCD12, DJL+12]. **Attribution** [TMSR23]. **Augmented** [WZY+24a]. **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, HSLS24, JLER12, LBO14, LT13, MGA⁺17, NC15, RB13, TPB24, WLZ⁺13, WGO15, WM10, XZC⁺20, SPS12, WKCS12]. **Automatically** [VZT⁺20]. **Automating** [TWB21]. **Automotive** [FWJ⁺16]. **Autonomous** [SHL⁺24]. **Autonomously** [DGI⁺14]. **Autotuning** [AMP⁺16, CCCA20, SYE19, TIP⁺23, YAG⁺16, KBR⁺13, LFC13]. **Autovesk** [TPB24]. **Availability** [OK21]. **Avionics** [DPBI⁺19]. **Avoiding** [ZLZB24]. **AVPP** [OAM19]. **Aware** [APG⁺23, ACA⁺19, BB21, BL24, DGI⁺14, CG15a, DTD16, DHX⁺22, DHD⁺14, GLX⁺24, GVT⁺17, JYW22, KFEG18, KMAK22, LK24, LYH16, LHS⁺24, LRBG15, MMW⁺24, MBLK24, MN24, PDCS24, PVA⁺17, PG17, RJK24, RSK⁺18, SEF⁺19, SLJ⁺18, SJD22, SCK⁺21, SKH⁺16, SZJK18, SKPD19, SGM⁺22, SYS⁺24, UPR22, USCM16, WLZ⁺13, WJXC17, WZY⁺24b, ZPL⁺21, ZNX⁺24, ZCQ⁺19, ZZH⁺23, ZWY17, ZF24, 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** [ÅJE⁺16, CNS⁺16b, CG15a, CTY⁺23, CCL⁺24, CG15b, CCCY24, DSR15, DAD16, DAP⁺15, DWF⁺23, ELE⁺23, EZYA23, FDF⁺14, GAM12, HYYBM16, JPS17, JHQ23, KS16, LCS⁺19, LLC22, LK24, LTX16, LLLW22, LWW⁺24, LY16, LFP⁺24, LYLS24, MNC⁺16, MTK18, NC15, RAF22, SBS16, SLF24, TAB⁺21, WGO15, WDX15, WCI⁺16, WWC⁺16, WMGS19, WDW⁺22, WLLW20, WZY⁺24a, WZY⁺24b, XHJY16, XFS⁺19, XLD⁺24, YHYBAM20, YLW⁺24, ZX19, ZYH⁺24, 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, WTF014, WWGS22, ZHD⁺04, ZGC⁺12, ZFT⁺18, ZXX23, ZMLL24, 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** [MMW⁺24, TBS06, BWLR06, VED07]. **Bit-Serial-Aware** [MMW⁺24]. **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]. **Blockchain** [YLW⁺24]. **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** [ABV⁺24, 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]. **Bug** [WZY⁺24a, WZY⁺24b]. **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** [ABV⁺24, CWW⁺16, NC15, NED⁺13, ZZB⁺19]. **C-state** [ABV⁺24]. **C-states** [ABV⁺24]. **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, LHC⁺24, 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-resident** [LHC⁺24]. **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**
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Centralized [LDY⁺21]. **Centric** [CKP⁺22,
 GLX⁺24, JLJ⁺18a, SJL⁺20, XGD⁺23].
Cerberus [HBPH24]. **CERE** [DAP⁺15].
CG [MAD17]. **CG-OoO** [MAD17]. **CGRA**
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chaotic [LTG12]. **Characteristic** [LLL⁺24].
Characteristic-Guided [LLL⁺24].
Characterization [CVB15, HKA⁺19,
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Characterizing
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Checkpoint [GW09, ARS04, CST⁺06].
checkpoint-assisted [CST⁺06].
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 [AEE⁺19, WZG⁺19, DXMJ11]. **Chief**
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 [BKM⁺17, CS21, CCL⁺24, CPS⁺15,
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 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 [SYS⁺24, KWM⁺08]. **Climate**
 [GMZ⁺21]. **Clock** [CCL⁺13]. **Closer**
 [HZN⁺22]. **Cloud**
 [CSW⁺23, CKL⁺24, QYZ⁺14, RB24,
 WLX24, XZW⁺22, XZC⁺20]. **Cloud-scale**
 [CKL⁺24]. **Clouds** [SDS⁺21]. **Cluster**
 [SKKB18, YCA18, ZNX⁺24, TC07].
Cluster-Aware [ZNX⁺24]. **Clustered**
 [LZM14, MMS15, ACGK04, SW13].
Clustering
 [MNC⁺16, WMGS19, DS12, JLCR13, SB09].
Clustering-Based [MNC⁺16, WMGS19].
Clusters [KHS⁺14, MMS15, ZF24]. **CMP**
 [CPB⁺07, LMCV13, SSK11, SLJ⁺18, WM11].
CMPs [ABK21, LMJ13a, LY16]. **CNN**
 [CSR22, JHH⁺23, WWY⁺24, XLH⁺24].
CNNs [JML⁺20, QAT24]. **CNOT** [SLF24].
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, RXR⁺24, SYE19,
 TMSR23, TPB24, WZY⁺24a, WZY⁺24b,
 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]. **coded** [ZF24]. **Codelet**
 [DAP⁺15]. **Codes** [CWMC16, LCW⁺23,
 TZK18, AFD07, AFD12]. **Codesign**
 [KCA⁺13, WDX24]. **Codesigned** [KMG14].
Coding [PM17, ZNX⁺24]. **COER**
 [WDX24]. **Coherence**

[ANS⁺22, CWK⁺24, DRHK15, KBB⁺14, KAC15, PL23, MMdS06, SSH⁺13, VHKP11]. **coherent** [APG13]. **Cold** [ABV⁺24]. **Cold-Start** [ABV⁺24]. **Collaborative** [LLLW22, FT10]. **collapse** [CWCS13]. **Collection** [ASV⁺16, TLS⁺24]. **Collective** [FT10]. **collector** [WK09]. **colocated** [DWDS13]. **Colocation** [LSL20, PLLW24]. **Colony** [SGM⁺22]. **Coloring** [YWXW12, LFX09]. **Column** [LFP⁺24, ZBC⁺22]. **Column-Wise** [LFP⁺24, 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, MMW⁺24, TN20, XDXL19, XDW⁺23, ZLZB24, HWX⁺13, SSPL⁺13, TC07]. **Communication-Avoiding** [ZLZB24]. **communications** [ACGK04]. **Comp** [DZL⁺24]. **Compact** [HEMK17, QAT24, SHC13]. **Compaction** [DZL⁺24, ZYH⁺24, WK09]. **Comparability** [YWXW12]. **Comparative** [LAS⁺08]. **Comparators** [YEI⁺14]. **comparison** [FBWS13]. **CompEx** [PM17]. **Compilation** [DMR⁺16, HZN⁺22, JLL⁺23, KVVH23, LT19, LLLW22, LRBG15, PKPM19, RVKP19, SYE19, SN17, ZC20, CH13, 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, TLG24, 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, MMW⁺24, VZT⁺20, WCW⁺24, 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, MLZ⁺24, MKS22, PCM16, WX24, ZZH⁺23]. **Condition** [SYS⁺24]. **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** [WDX24, YRGES⁺19]. **connected** [BRSJG12]. **conscious** [LZYZ09]. **Conserving** [LYYB07]. **Considerations** [HMYZ15, MTK18, LM05]. **considering** [AVG12, HP04]. **Consistency** [HZN⁺22, LLW⁺22, NZ15]. **CoNST** [RXR⁺24]. **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, YLW⁺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, WDX24, 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]. **CoolDC** [MBLK24]. **Cooled** [MBLK24]. **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** [ABV⁺24, CHE⁺14, CS21, CC18, FMY⁺15, JLJ⁺18a, LNFE22, LK24, LBM13, PVS⁺17, SPS17, SPH⁺17, TGRK21, ZLYZ16, DAKK19, FSX⁺24, 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]. **Corruption** [WZW⁺24b]. **coscheduling** [PGB13]. **Cost** [KBB⁺14, LGP⁺16, MBLK24, MN24, RB24, SSW16, SKPD19, YEI⁺14, AGI⁺12, DC07, FBHN04, LSS⁺24, MA08, SBC⁺22]. **Cost-aware** [RB24]. **Cost-Effective** [MBLK24]. **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, ZYH⁺24]. **CPU-efficient** [ZYH⁺24]. **CPUs** [BHC⁺16, HLSK22, WLJ⁺24]. **Crash** [LLW⁺22]. **Creating** [CPG21]. **Creation** [THA⁺21]. **Critical** [ABV⁺24, EAH⁺20, LYLS24, RGG⁺12]. **Criticality** [FWJ⁺16]. **CRNS** [AS13]. **Cross** [ERAG⁺16, FSX⁺24, LGAZ07,

LGH24, LVR⁺15, OTR⁺18, SWF16, TWB21, VOK⁺22, WAST16, ZLYZ16]. **Cross-accelerator** [TWB21]. **Cross-Architecture** [SWF16]. **Cross-component** [LGAZ07]. **Cross-core** [FSX⁺24]. **Cross-Layer** [ERAG⁺16, OTR⁺18, WAST16, VOK⁺22]. **Cross-Loop** [LVR⁺15]. **Cross-Platform** [ZLYZ16, LGH24]. **Crossbar** [XLD⁺24]. **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, DZL⁺24, DVG⁺23, JHH⁺23, LGP⁺16, LCW⁺24, 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, DZL⁺24, DAKK19, EPS18, ESR⁺15, EAH⁺20, FSX⁺24, FXC⁺15, GAM12, GLTV23, HAM17, HAM19, HLSW17, IPSD21, JYW22, JYX⁺24, 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, TLS⁺24, TDP15, VFJ⁺17, WGO15, WZW⁺24b, WZG⁺19, WZY⁺24b, YXS⁺22, YLW⁺24, YMM⁺15, ZLYW18, ZNTJE23, ZLWS24, AVG12, AGG22, BSWLE13, CS10, CA11, CDPD13, CWC06, FER⁺13, FLG12, HLR⁺13, HL07, LWH11, LJMG12, PC13, RB13, RFD13, STLM12, TG07]. **Data-Centric** [CKP⁺22]. **Data-Driven** [ME15, ME17, ASH20]. **data-flow** [PC13]. **Data-Loader** [JYX⁺24]. **Data-Parallel** [MGSH16, NKH16]. **Data-Race-Free** [MNSC16]. **Data-Rate** [EPS18]. **Data-Traversal** [RMA14]. **Database** [BAZ⁺19]. **Datacenter** [HZC⁺23, MBLK24]. **Datacenters** [CSW⁺23, XVT20, ZFL18]. **Dataflow** [CPG21, DT17, FLW⁺24, KPP⁺15, MMT⁺12, ZMLL24, 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]. **Deduplication** [YLW⁺24]. **Deep** [ASK⁺16, CKP⁺22, DLS22, JYX⁺24, JLJ⁺18a, MWJ19, QAT24, RSK⁺18, WWW⁺21, WZWW23, XDXL19, XDW⁺23]. **Deeply** [GKCE17]. **DeF** [CPG21]. **DEFCAM** [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** [CCCY24, DZC⁺13, TLY⁺24]. **Delta-compressed** [DZC⁺13]. **Demand** [ACG24, BRJM15]. **Dense**

[ACGH24, CWW⁺16, LFP⁺24].
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]. **Descriptor** [LCZ⁺24].
Design [CSF⁺20, CKPH19, CPS⁺15, ESB⁺20, KWM⁺08, LDY⁺21, MAY23, RTK15, SZJK18, SPH⁺17, SL09, UJW15, VHKP11, VKM⁺21, WLZ⁺10, WZY⁺24a, WZY⁺24b, BE13, CPP08, IMS⁺08, LB10, LCC11, LHZ13, VE13, ZK05, ZLZB24].
Designing [BKA13, BSWLE13, MGS16].
Destructive [DQCK24]. **Details** [FMY⁺15]. **Detecting** [DSR15, KS11].
Detection [BDB⁺20, CEP⁺16, LHC⁺17, LWL⁺24, MNSC16, SLH⁺20, WCI⁺16, WDW⁺22, WWY⁺24, 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** [LLL⁺24, 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 [DZL⁺24, DWF⁺23, HZC⁺23, LZS⁺24].
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, GGFP12, KR19, LK24, SCMU22, FER⁺13, FTLG11].
Distance-Aware [LK24, GGFP12].
Distance-Based [DAD16]. **Distilling** [JEBJ08]. **Distinguished** [Aca16, Ano15, Bil19, Ano13a]. **distribute** [RFD13]. **Distributed** [JZY⁺22, JYX⁺24, KHS⁺14, KAC⁺18, LZS⁺24, MMGS21, MK23, SSS⁺23, TPN⁺20, XDXL19, XDW⁺23, ZPC06].
Distribution [SLF24].
Distribution-Based [SLF24]. **Dis trusting** [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** [LY24, LWC⁺22, WYZ⁺23, XZC⁺20, XLD⁺24]. **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, OBdOJ⁺24, 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, WTF014, 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,
 LPZH12, LSL20, LTX16, LHW⁺19, LZZ⁺22,
 MG19, MG20, RHC15, SV05, SGS⁺20,
 SHD15, TLY⁺24, 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]. **EA4RCA** [ZLZB24].
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**
 [LK24, RB24, SCK⁺21, SAM⁺23].
Edge-Cloud [RB24]. **Editor** [Kae20].
Editor-in-Chief [Kae20]. **Editorial**
 [CT08, Kae20]. **EECache** [CPS⁺15].
Effective [CCCY24, GMGZP14, HVJ06,
 KH18, MBLK24, PGB16, SSW16, SDK⁺22,
 SPS17, KHW⁺05, LWH11, RPS06, SBC05].
Effectiveness [JRK16]. **Effects** [DRHK15,
 DVG⁺23, MGI15, WZW⁺24b, 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,
 DZL⁺24, 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, LFP⁺24, MCB⁺12, MG19,
 MMLS21, MKKE15, MPU⁺23, MAD17,
 MFSK24, NMKS06, NSF⁺21, OBdOJ⁺24,
 PDY⁺23, PLLW24, PS15, QAT24, SYZZ⁺14,
 SN17, SAG22, TLY⁺24, TDP15, TTS19,
 WLJ⁺24, WZG⁺19, XZW⁺22, XHL⁺24,
 YMM⁺15, YZZ⁺23, ZPC06, ZHS⁺19,
 ZPL⁺21, ZLZB24, ZZH⁺23, ZLM⁺23,
 ZML⁺24, ZLJ18, ZZQ⁺05, APG13, ARS04,
 CW13, CNAA⁺22, CWCS13, DLS22,
 DCP⁺12, FSX⁺24, 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,
 ZYH⁺24, 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, LZS⁺24]. **Enabling**
 [BGG⁺15, CC18, HNKK17, JYM20,
 KHN⁺18, SKAEG16]. **Enclaves**
 [PKL⁺24, YGB21]. **Encoding**
 [DNS⁺24, 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, FSX⁺24, FPK⁺24, GKCE17, GFD⁺14, HMYZ15, JHHM21, JOA⁺09a, KAC⁺18, LMSE18, LSC⁺15, LMA⁺16, MCB⁺12, MTK18, MKKE15, MAD17, MPW⁺17, NMPS22, OBdOJ⁺24, 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, OBdOJ⁺24, SN17, SAG22, TTS19, CNAA⁺22, DLS22, FSX⁺24, 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, YLW⁺24]. **Enhanced** [GBD21, TKM14, TCR⁺22, FYI⁺24]. **Entropy** [LZW23]. **enumeration** [SWH09]. **Envelope** [RWFJ19]. **Environment** [KMG14]. **Environmental** [SYS⁺24]. **Environments** [KLA⁺19, SMS23, WLX24, RGG⁺12, WWWL13]. **EOLE** [EPS17]. **Equality** [KS21]. **Era** [GBD⁺15, SSS⁺23, LNLK13, PCT12]. **ERASE** [CMAP22]. **Erasure** [LCW⁺23, ZNX⁺24, ZF24]. **Erasure-coded** [ZF24]. **Error** [BDB⁺20, DGI⁺14, CWMC16, DSH⁺18, LSC⁺15, OK21, SPM17, TZK18, WWY⁺24, 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, ZLZ⁺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]. **Example** [WDK⁺24]. **Exascale** [GLX⁺24, 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, WZW⁺24a, XSF⁺23, YEI⁺14, YZ08, YZL⁺10, ZX16, LYYB07, PCT12, RLS13, SNL⁺04, JOA⁺09b]. **Exploration** [BKM⁺17, DNS⁺24, 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]. **Far** [WZW⁺24a]. **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]. **Filters** [WWY⁺24]. **Financial** [ABB⁺16]. **Finding** [PJ13]. **Fine** [ACG24, ANS⁺22, AZG17, BSSS14, CS21, CSRP22, EE11, GWZ22, HYYBM16, MG19, MPW⁺17, OBdOJ⁺24, SSS⁺24, TLY⁺24, TKM14, WM11, YEI⁺14, LT13]. **Fine-Grain** [AZG17, HYYBM16, ACG24, ANS⁺22]. **Fine-Grained** [BSSS14, CS21, GWZ22, MG19, MPW⁺17, OBdOJ⁺24, TLY⁺24, YEI⁺14, CSRP22, EE11, SSS⁺24, WM11, LT13]. **Finite** [LVR⁺15, VW11]. **FinPar** [ABB⁺16]. **Fire** [YXMC23]. **First** [Lou19, OAM19]. **Fixed** [DNS⁺24, CS13]. **Fixed-point** [DNS⁺24, CS13]. **FLARES** [DGI⁺14]. **Flash** [DGI⁺14, LCW⁺24, 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]. **Flextended** [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, CSRP22, 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, HSLS24, KKL⁺24, KPP⁺15, LAS⁺13, LSC⁺15, MLC⁺23, OLK⁺23, PLLW24, PWP19, SYE19, SMM⁺23, SAL19, SYS⁺24, 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, ZLZB24]. **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, TLS⁺24]. **Gate** [SLF24]. **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, TLG24, XHL⁺24, LHY⁺06]. **General-Purpose** [CAMJ15, SDZ⁺21, TLG24]. **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, RXR⁺24]. **Generic** [WMGS19]. **GenMatcher** [WMGS19]. **Genome** [FPK⁺24]. **geometry** [CNAA⁺22]. **Getting** [MWJ19]. **GiantVM** [JZY⁺22]. **GIST** [LCZ⁺24]. **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, GJW24, GGYK19, GMZ⁺21, HLR⁺13, HZC⁺23, HDW21, JED19, JGSM15, JYX⁺24, JML⁺20, KPRK20, KHN⁺18, LCP⁺21, LHC⁺17, LWS⁺19, LCZ⁺24, 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, WDK⁺24, 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, FSX⁺24, FBWS13, GWZ22, HSLS24, JAK17, JFK20, KR19, KVVH23, LSS⁺24, LRBG15, LGH⁺21, MKS22, NSF⁺21, NC15, PL23, SHLM14, FCVR24, SSB⁺20, TAB⁺21, WYCC11, WCW⁺24, 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, OBdOJ⁺²⁴, TLY⁺²⁴, TD16, YEI⁺¹⁴, CSRP22, EE11, KCP13, LT13, SSS⁺²⁴, WM11]. **GRAM** [HDW21]. **Granularity** [DRHK15, NRQ16a, TKM14]. **Graph** [CNS16a, GLX⁺²⁴, HLZ⁺²⁴, KPP21, KKAR16, LZZ⁺²², LGH⁺²¹, MST⁺²¹, MLZ⁺²⁴, 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, MLZ⁺²⁴, RHC15, VZT⁺²⁰, VGX16, BZS13, DDU12, MG13]. **GraphSER** [LK24]. **GraphTune** [ZZH⁺²³]. **Gretch** [KPP21]. **Grouping** [LGH24]. **Grus** [WWL⁺²¹]. **gshare** [TS05]. **Guarded** [PS15]. **Guidance** [OKJ⁺²²]. **Guided** [GTT⁺¹⁶, HWL⁺¹⁹, LLL⁺²⁴, 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, WZY^{+24a}, WZY^{+24b}, 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]. **Harvesting** [XLD⁺²⁴]. **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, ZF24, BBG13, KNBK12, LHC⁺²⁴, 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, SYS⁺²⁴, DJX13]. **Hierarchy** [AYC16, ELE⁺²³, SSP⁺²³, ZDC⁺¹⁶, ZSM⁺¹⁶]. **High** [CAY⁺¹⁸, CHE⁺¹⁴, DKK⁺²¹, CHD⁺²³, CAMJ15, GKG18, JED19, LNFE22, LDY⁺²¹, LL22, LSS⁺²⁴, ME17, MLB⁺²³, MPU⁺²³, MN24, OBdOJ⁺²⁴, OK21, SAG22, SWU⁺¹⁵, SSP⁺²³, SLF24, 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, G GK18, LNFE22, OBdOJ⁺24, SLJ⁺19, TKM14, USCM16, CHD⁺23, JED19, LSS⁺24, 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** [CCCY24, 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]. **Hyperion** [CCCY24]. **Hypervisor** [JZY⁺22].

I-Cache [ZWY17]. **I/O** [DCP⁺12, LWL⁺24, RHLA14, SLS⁺21, WLX24, WZWW23]. **IATAC** [AGVO05]. **Identification** [WCI⁺16]. **Idiom** [KKM⁺13, TWB21]. **Idioms** [DKK⁺21]. **Idle** [LWL⁺24, SEF⁺19, WWY⁺24, WFKL10]. **Idle-Time-Aware** [SEF⁺19]. **Idleness** [JYX⁺24]. **IEEE** [LDG⁺13]. **IEEE-754** [LDG⁺13]. **ILP** [SNL⁺04]. **Image** [CGP23, LSH⁺23, PBY⁺17, CI13]. **Imaging** [VCJ⁺17]. **Imbalanced** [Pro21]. **Immersion** [MBLK24]. **Immersion-Cooled** [MBLK24]. **Impact** [BCVN10, CCM⁺16, JRK16, FCVR24, SMKH15, ZCDD23, RGG⁺12, SSC⁺13]. **Impactful** [YHYBAM20]. **implants** [SSPL⁺13]. **Implement** [VOK⁺22]. **Implementation** [BGG⁺15, LCZ⁺24, 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** [TLS⁺24]. **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]. **Ineffective** [WLX24]. **Infer** [UJW15]. **Inference** [CSRP22, DJZ⁺23, JHH⁺23, SCK⁺21, WYZ⁺23, LB10]. **Inflation** [XYY⁺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, WTF014, XZW⁺22]. **Integration** [JDZ⁺13]. **Integrity** [KK15]. **Intel** [Akr21]. **Intelligent** [LSC⁺24, SJC⁺21, TBC⁺12]. **Intensity** [LVR⁺15, SLS⁺21]. **Intensive-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** [WDX24, XVT20, ZSLX13]. **Interference** [KLA⁺19]. **interferences** [LCL⁺14]. **Interleaved** [AMG16, ZLWS24]. **Interleaving** [WWC⁺16]. **Intermediate** [JML⁺20, LHC⁺24, 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]. **iSwap** [WLX24]. **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, PLLW24, 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, LSS⁺24, TPB24, VZT⁺20, WLLW20]. **Key** [CSSU21]. **Key-Value** [CSSU21]. **kilo** [CSVM04]. **kilo-instruction** [CSVM04]. **Knob** [JYX⁺24]. **Knowledge** [WZY⁺24a]. **Knowledge-Augmented** [WZY⁺24a]. **KV** [ZYH⁺24].

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** [GJW24, HZC⁺23, NRQ16a, PLLW24, SKH⁺16, XLH⁺24, YGB21, ZPL⁺21, ZLM⁺23, KWCL09, RCV⁺12, SMK10].
Large-Scale [GJW24, PLLW24, 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** [ABV⁺24, BAZ⁺19, DQCK24, HAM17, HK14, KCA⁺13, PM17, RKL23, SLS⁺21, LZS⁺24, MP13, SW13, WYJL10, YLTL04].
Latency-Tolerant [HAM17]. **Lattice** [CG15b, PAVB15]. **Lattice-Based** [CG15b]. **Lattice-Boltzmann** [PAVB15]. **Lavender** [PLLW24]. **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]. **LDPC** [LCW⁺24]. **Leakage** [Bis21, CS21, JFK20, HL07, MSK05].
Learned [WDS⁺24]. **Learning** [ABP⁺17, CKP⁺22, DLS22, JPS17, JYX⁺24, JLJ⁺18a, LSL20, LLLW22, LSH⁺23, MCB⁺12, QAT24, RSK⁺18, WWW⁺21, WZWW23, XDXL19, XDW⁺23, DJB13, LBO14, SPS12, TR13, WO13, WFTO14].
Learning-Based [JPS17]. **Leases** [RGK⁺23]. **Leasing** [DCL⁺22]. **Legacy** [MNSC16]. **legalization** [BR13]. **Leighton** [WDK⁺24]. **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, SHL⁺24, UDLD20, WSJ⁺21, WDX14, WJXC17, AGI⁺12, AIVL13, BVCN10, 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** [RJS18, 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, ZMLL24, 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** [LSC⁺24, ZPR⁺17]. **liveness** [BZS13, DDU12]. **LLC** [FQRG13, VPTS19, ZCF18]. **LLC-memory** [FQRG13]. **LLVM** [DAP⁺15]. **LLVM-Based** [DAP⁺15]. **LO-SpMM** [LSS⁺24]. **Load** [OAM19, PGB16]. **Load-Balancing** [PGB16]. **Loader** [JYX⁺24]. **Loading** [PCM16]. **Loads** [YPT⁺16]. **Local** [LVR⁺15, XZW⁺22, DHC⁺13]. **Locality** [ASK⁺16, CG15a, KFEG18, SKH⁺16, SL20, TAB⁺21, UPR22, YLW⁺24, YDS⁺19,

ZCQ⁺19, AIVL13, FER⁺13].

Locality-Aware

[CG15a, KFEG18, SKH⁺16, UPR22, SL20].

Localization

[CEP⁺16, WZY⁺24a, WZY⁺24b]. **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, BL24, 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, LSS⁺24, Lou19, LZS⁺24, 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, LSS⁺24,

SBC⁺22, AGI⁺12, MA08]. **low-energy**

[GKP14, ZVYN05]. **Low-latency**

[LZS⁺24, 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**

[DZL⁺24, HFL⁺23, LHS⁺24, XZW⁺22,

ZYH⁺24]. **LSM-Tree** [HFL⁺23, LHS⁺24,

DZL⁺24, XZW⁺22, ZYH⁺24]. **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, LK24, 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, LK24, 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]. **Massive** [WZW⁺24a].
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, GJW24, HBPH24, JYM20, LCW⁺23, LFP⁺24, MLC⁺23, MFSK24, SMN22, WCW⁺24, 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, WLX24, 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, LCW⁺24, 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, LFP⁺24, LZS⁺24, MMW⁺24, MYG15, MYKG16, NRQ16a, NRQ16b, NTV⁺22, NZ15, OTR⁺18, OKJ⁺22, PWE20, PDY⁺23, RJK24, RKC⁺20, RLBBN15, SBC⁺22, SW17a, SMKH15, SJD22, SKP⁺22, SDZ⁺21, SL20, SJL⁺20, TLY⁺24, TKKM15, USCM16, WSJ⁺21, WWH⁺16, WLL⁺19, WPR⁺22, WZW⁺24a, WLX24, 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]. **memory** [DZC⁺13, FQRG13, GPL⁺05, JSH09, JSM⁺04, KGK10, KCKG14, LAS⁺08, LGAZ07, LFX09, LCL⁺14, LHC⁺24, 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 [LFP⁺24, TLY⁺24, WYZ⁺23, PLL10].
Memory-level [EE09].
Memory-Reliability [NRQ16b].
Memory-Side [AHA⁺19]. **MemTracker** [VDSP09]. **Mentor** [LFP⁺24]. **mer** [WZX⁺24]. **merge** [DDU12]. **Merging** [TS05, SSU⁺13]. **Merkle** [WDK⁺24].
Message [GLX⁺24, 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]. **Micali**

[WDK⁺24]. **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]. **Micromobility** [SHL⁺24]. **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, TLS⁺24, 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, WZW⁺24b, 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, LLL⁺24, 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]. **MST** [GLX⁺24]. **MUA** [LDL22]. **MUA-Router** [LDL22]. **Multi** [BOEN23, CC18, FLW⁺24, FMY⁺15, FCD⁺17, GJW24, GVT⁺17, GMZ⁺21, JPS17, JML⁺20, KLA⁺19, LT19, LGP⁺16, LSC⁺24, MMGS21, PLK⁺19, PGB16, SPS17, TCS20, WZZ⁺20, XMW⁺21, ZNTJE23, ZCF18, vdVSAAS20, CDPD13, GWS13, LFC13, PM12, RB13, RPE12, ZGC⁺12]. **Multi-** [FMY⁺15]. **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** [GJW24, 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, LSC⁺24]. **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]. **Multigrid** [WCW⁺24]. **Multilevel** [XHJY16, YMM⁺15, JK13, TKJ13]. **multimedia** [SV05]. **multiobjective** [CPP08]. **multiplatform** [HLC10]. **Multiple** [KKL⁺24, KHN⁺18, LY24, WLLW20, ZSM⁺16, GB06, HVJ06, RCV⁺12]. **Multiplexing** [LGH24, NDP17]. **Multiplication** [ASH20, GJW24, HBPH24, LFP⁺24, 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]. **Mutation** [WZY⁺24a]. **Mutation-Based** [WZY⁺24a]. **Mutually** [SOAK23]. **Namespace** [HFL⁺23]. **NAND** [DGI⁺14, LCW⁺24, 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, WDX24, XSF⁺23, XVT20, YXMC23, YZZ⁺23, ZCCD16, ZM15, ASK13, LNLK13, LYYB07]. **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, RXR⁺24, RJK24, RKC⁺20, RSK⁺18, SMS23, SMN22, SAM⁺23, SNK⁺23, WYZ⁺23, XMW⁺21, ZFF⁺18, ZMLL24, ZF24, BKA13, LWWH12, PRMH13, SMK10, SEP07]. **Networks-on-Chip** [CCL⁺24, LWWH12]. **Neural** [BOEN23, CRC⁺21, FLL⁺24, 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, ZMLL24, 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** [BL24, RSK⁺18]. **NUMA-Aware** [BL24, RSK⁺18]. **NUMA-Caffe** [RSK⁺18]. **Number** [AGG21, DNS⁺24]. **NVIDIA** [KVH23]. **NVM** [EAH⁺20, LLW⁺22, WSC⁺13]. **NVM-based** [WSC⁺13]. **NVMs** [PM17]. **NVRAM** [ZLYW18].

O [DCP⁺12, LWL⁺24, RHLA14, SLS⁺21, WLX24, 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]. **Occluded** [CNAA⁺22]. **Occluded-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]. **Offload** [DZL⁺24]. **Offloading** [HNKK17, JLL⁺23, KKL⁺24, MTK18, MGA⁺17, WDX24]. **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, GK18, LP17, WLX24]. **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, GJW24, JML⁺20, JRH21, KTAE16, KKL⁺24, LLLW22, LHS⁺24, IVR⁺15, MNC⁺16, MMLS21, MPHL22, QSZ⁺21, RMA14, SGM⁺22, VFW16, WCW⁺24, YKM17, YDL⁺17, ZCF18, CFH⁺12, CXW⁺12, CYXF13, DJX13, FT10, GHS12, HS06, HEL⁺09, HVJ06, JPS17, KHW⁺05, KWTD09, LHC⁺24, 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, HSLS24].
Optimized [LCZ⁺24, MLC⁺23, PKPM19, WPR⁺22, WDS⁺24, GS12].
Optimizer [LYK⁺15].
Optimizing [AP17, ABV⁺24, BJWS18, CSW⁺23, DGGL16, HHC⁺16, JHH⁺23, LCW⁺24, MST⁺21, PAVB15, RLBBN15, STL12, SLH⁺20, TLS⁺24, TN20, TKKM15, WDX15, WDW⁺22, YWXW12, YRHBL13, ZSLX13, ZFF⁺18, ZMLL24, 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, GSK18, 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 [CSR22, CGP23, JLER12].
Overlong [ZWL⁺19].
P [DDT⁺17].
Pac [LSC⁺24].
Pac-Sim [LSC⁺24].
Package [FBC⁺22].
Packed [BSL17].
packet [LWWH12].
packing [NB13, SPGE06].
Page [CCCY24, TCR⁺22, WLL⁺19, WLX24, 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, WDK⁺24, ZLJ18, CDPD13, JYJ⁺13, LM05, NCC13, STL12, 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, SHL⁺24, WWW⁺21, WZW⁺24a, YBSY19, ZX16, EE09, FLG12, PCT12, SLA⁺07, WTF014].
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].
PARSECs [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, PLW24, 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].
PC [CCCY24].
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, LCW⁺24, LMZ18, LYH16, LGH24, LY16, MAY23, ME17, MTK18, MPU⁺23, MN24, MAD17, MKS22, NDP17, NMPS22, OBdOJ⁺24, OK21, PDY⁺23, Per18, RVOA08, RJSA18, SLF24, 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, KLM12, KGK10, LM05, LSS⁺24, 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]. **PEs** [WWY⁺24]. **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]. **PIMSAB** [MMW⁺24]. **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** [LWL⁺24, MLC⁺23, QSZ⁺21, ZLYZ16, LGH24]. **Platforms** [RVKP19, SCK⁺21]. **PLDS** [FLG12]. **PM** [CHD⁺23]. **PM-aware** [CHD⁺23]. **PMGraph** [MLZ⁺24]. **Point** [ASS17, BWG⁺12, CS13, DNS⁺24]. **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, TLG24, 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]. **Post** [WDK⁺24]. **Post-Quantum** [WDK⁺24]. **Pot** [VSDL16]. **Potamoi** [FLL⁺24]. **potential** [FER⁺13]. **POWAR** [ACA⁺19]. **Power** [AEJE16, ACA⁺19, BNS⁺21, CAMJ15, DTD16, DD16, ESB⁺20, FCD⁺17, GáSÁ⁺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, LYB07, 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, OBdOJ⁺24, 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** [CCCY24, 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, DZL⁺24, FLW⁺24, FYI⁺24, GLX⁺24, HNKK17, ICEDR24, LT19, LSH⁺23, LGH⁺21, MMW⁺24, 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, MMW⁺24, MYKG16, MYG15].
Processor [AEJE16, AHA⁺19, BEE15, DSK19, HMYZ15, HWL⁺19, JYM20, JHH⁺23, LP17, LZZ⁺22, SKP⁺22, XGD⁺23, XFS⁺19, ZYL⁺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, WZW⁺24b, YWXW12, YHYBAM20, CRSP09, CCD12, CSVM04, DEE13, EE09, EE12, FBWS13, GMW09, GWS13, GKP14, HWX⁺13, KLMP12, LMCV13, PI12, RGG⁺12, SRLPV04, SLP08, XT09, YZL⁺10]. **Product** [LFP⁺24].
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, MGS⁺16, PBY⁺17, RGK⁺23, RAF⁺22, TWB⁺21, YCA⁺18, LD⁺24, NCC⁺13]. **Programming-Based** [ÄJE⁺16]. **Programs** [DKB⁺20, GKCE⁺17, KPM⁺21, KPP⁺15, LLS⁺23, MPPS⁺18, MNSC⁺16, RHC⁺15, SGS⁺20, WLZ⁺13, WGO⁺15, PC⁺13, PGB⁺13, WO⁺13, YLW⁺08]. **Projection** [TTS⁺19]. **promotion** [LJMG⁺12]. **Proportional** [DH⁺16]. **proportionality** [AVG⁺12]. **proprietary** [JEBJ⁺08]. **protect** [BVIB⁺12]. **Protecting** [NRQ⁺16a, CWC⁺06]. **Protection** [AHA⁺19, BCHC⁺19, Bis⁺21, ERAG⁺16, CCZ⁺13, MA⁺08]. **Protocol** [WDX⁺24, SSPL⁺13, SSH⁺13]. **Providing** [KKL⁺24, XHJY⁺17]. **Provisioning** [BSSS⁺14]. **PS** [LMJ⁺13a]. **PS-TLB** [LMJ⁺13a]. **pseudo** [YJTF⁺13]. **pseudo-associativity** [YJTF⁺13]. **Public** [SDS⁺21, WLWB⁺19]. **Puppeteer** [ELE⁺23]. **Purification** [WZY⁺24b]. **Purpose** [CAMJ⁺15, SDZ⁺21, TLG⁺24]. **Push** [LSH⁺23, YLTL⁺04]. **Push-Memory** [LSH⁺23]. **Python** [ZXX⁺23].

QNNs [SLF⁺24]. **QoS** [ASP⁺17, FYI⁺24, JYW⁺22, LPZI⁺12, NMPS⁺22, SAL⁺19]. **QoS-Aware** [JYW⁺22]. **QoS-Constrained** [NMPS⁺22]. **QoS-enhanced** [FYI⁺24]. **QoS-pro** [FYI⁺24]. **QoS-Supervised** [ASP⁺17]. **quadruple** [LDG⁺13]. **quadruple-precision** [LDG⁺13]. **Quality** [APS⁺22, GSZI⁺10]. **Quantifying** [DVG⁺23, LZW⁺23]. **Quantitative** [ACG⁺24, TCS⁺16]. **Quantized** [WLJ⁺24]. **Quantum** [LD⁺24, Lou⁺19, SM⁺19, WDK⁺24, IWP⁺04]. **quasi** [JSM⁺04]. **quasi-static** [JSM⁺04]. **Qubit** [LD⁺24]. **QuCloud** [LD⁺24]. **Queries** [MLZ⁺24]. **Query** [KVH⁺23]. **Queue** [HLSW⁺17, BB⁺04]. **QuMan** [SKKB⁺18].

R [VC⁺16]. **R-GPU** [VC⁺16]. **Race** [LHC⁺17, MNSC⁺16, YZZ⁺23]. **Racetrack** [KHB⁺20]. **rack** [MKC⁺22]. **Radio** [DMR⁺16]. **radix** [ASK⁺13, LDY⁺21]. **RAGuard** [ZHS⁺19]. **RAM** [CRC⁺21, LZL⁺13, PLK⁺19, RTK⁺15, WDX⁺14]. **Random** [ELE⁺23, HLZ⁺24, VSP⁺12]. **Range** [CTY⁺23]. **ranges** [MAN⁺08]. **Rank** [AJK⁺12, BOEN⁺23]. **Rank-preserving** [BOEN⁺23]. **Rate** [CWMC⁺16, EPS⁺18, SWO⁺21, SHD⁺15]. **RATT** [CWMC⁺16]. **RATT-ECC** [CWMC⁺16]. **Rcmp** [WGL⁺24]. **RDMA** [DWF⁺23, LZS⁺24, WGL⁺24, WDX⁺24]. **RDMA-Based** [WGL⁺24, DWF⁺23]. **RDMA-enabled** [LZS⁺24]. **Reach** [JED⁺19]. **Reactions** [PBCB⁺22]. **Read** [MNSC⁺16, RJSA⁺18, RLS⁺15, JLCR⁺13]. **Read-Modify-Write** [RLS⁺15]. **read/write** [JLCR⁺13]. **Real** [CCL⁺24, CEP⁺16, DPBI⁺19, DJZ⁺23, KE⁺15, KTAE⁺16, LWL⁺24, GK⁺13, YZ⁺08, ZGC⁺12]. **Real-Time** [CCL⁺24, CEP⁺16, DPBI⁺19, KE⁺15, KTAE⁺16, GK⁺13, ZGC⁺12]. **Real-world** [DJZ⁺23]. **Reasoning** [DKB⁺20]. **reassignment** [CH⁺06]. **recency** [VSP⁺12]. **recognition** [KKM⁺13]. **recompilation** [NED⁺13]. **Recomputation** [TLY⁺24]. **Recompute** [AEE⁺19]. **Reconciliation** [TWB⁺21]. **Reconfigurable** [DBH⁺16, KHS⁺14, LMSE⁺18, LY⁺24, PT⁺17, RJK⁺24, TD⁺16, VC⁺16, VKM⁺21, AS⁺13, KLMP⁺12, KCP⁺13, ZSLX⁺13]. **Reconfiguration** [DTD⁺16]. **Reconstructability** [BRJM⁺15]. **Reconstructing** [WGL⁺24]. **Recovery** [LHY⁺06, RHLA⁺14]. **Recycling** [KKAR⁺16, WWY⁺24]. **ReDirect** [PT⁺17]. **Reduce** [ASP⁺17, DSR⁺15, SLS⁺21, ZCCD⁺16, YZ⁺08]. **Reduced** [CS⁺21, VED⁺07]. **Reducing** [AMS⁺23, CPP⁺08, DQCK⁺24, GWS⁺13, HL⁺07, JLCR⁺13, SLP⁺08, TS⁺15, TCR⁺22, WLX⁺24, ZHD⁺04, Zha⁺08, ZWS⁺16, BCM⁺11, MP⁺13, PGB⁺12, ZSCM⁺08]. **Reduction** [ASS⁺17, APS⁺22, KTAE⁺16, LSC⁺15, LWL⁺18, SLF⁺24, SJL⁺20, MSK⁺05, XT⁺09].

Reductions [PWPD19]. **Redundancy** [YZZ⁺23, ZNX⁺24]. **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, ZLZB24]. **Regulation** [JYW22, SCFD22]. **regulators** [EE11]. **ReHarvest** [XLD⁺24]. **Reinforcement** [JPS17, LSL20]. **ReIPE** [WWY⁺24]. **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, TLS⁺24, ZPC06]. **Rematerialization** [SMS23]. **Remote** [LLL⁺24, TN20, XVT20, NMKS06]. **removal** [BCVT13]. **Removing** [ACGK04, JCG⁺24]. **renaming** [JA14]. **Rendering** [FLL⁺24, PLK⁺19]. **ReNIC** [DCP⁺12]. **reordering** [CZ07]. **Repair** [ZF24]. **Repartition** [LK24]. **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, XLD⁺24, ZFT⁺18]. **ReRAM-Based** [XLD⁺24, JLL⁺23, ZFT⁺18]. **ReSA** [LY24]. **ReSense** [DWDS13]. **Reshaping** [JYW22]. **resident** [LHC⁺24]. **Residue** [DNS⁺24]. **Resilience** [KPRK20, TCS16]. **Resilient** [OK21, Pro21, SZJK18]. **Resistance** [RJSA18]. **Resistive** [MYKG16, TZK18]. **Resolution** [SYS⁺24]. **Resource** [APS22, CMAP22, CSW⁺23, JZY⁺22, LZW23, MRK⁺22, MKC⁺22, PLLW24, Per18, PS12, QYZ⁺14, SAL19, XLD⁺24, ARS04, DWDS13, GW08, NMKS06, VS11, ZK05]. **resource-constrained** [NMKS06, ZK05]. **resource-efficient** [GW08]. **Resource-Harvesting** [XLD⁺24]. **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]. **SAL** [ZMLL24]. **Salvaging** [JDZ⁺13]. **Sample** [WDW⁺22]. **Sampled** [JYE⁺16, HS05]. **Sampling** [Lee16, LSC⁺24, ZWS⁺16, JYJ⁺13]. **Sandbox** [PKL⁺24]. **SAQIP** [SM19]. **Save** [ADGA20]. **Saving** [NMPS22]. **Scalability** [GVT⁺17, LMZ18, YLW⁺24, 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, GJW24, JLJ⁺18a, PLLW24, 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, MBLK24, ZLC⁺15, XMM04]. **SCALO** [GVT⁺17]. **Scan** [ZYH⁺24]. **Scan-based** [ZYH⁺24]. **Scenario** [BB21]. **Scenario-Aware** [BB21]. **Schedule** [GGS⁺17, GGS⁺19, LMSE18, SSW⁺19, SSB⁺20, ZF24]. **Scheduler** [BL24, SCK⁺21, TD16, USCM16, WZZ⁺20, CWCS13, KCP13]. **Schedulers** [KKAR16].

Scheduling [ÄJE⁺16, ASV⁺16, BL24, 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]. **Scythe** [LZS⁺24]. **Seamlessly** [KNBK12]. **Search** [BOEN23, CRBP24, HKA⁺19, KL19, LSS⁺24, ZX19]. **searches** [KHW⁺05]. **SecNVM** [LLW⁺22]. **SECRET** [LSC⁺15]. **Section** [DSR15]. **Section-Based** [DSR15]. **Sector** [CAGS17]. **Sectored** [CAGS17, OBdOJ⁺24]. **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** [BL24, LLRC17, MFSK24, SAL19, BBG13]. **Self-aware** [SAL19]. **Self-Balancing** [LLRC17]. **Self-checking** [MFSK24]. **Self-Scheduling** [BL24, 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]. **Serial**

[MMW⁺24]. **series** [LTG12]. **Server** [AVG12, FCD⁺17, JYW22, SYS⁺24, 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** [FSX⁺24, GG18, JAK17, KLA⁺19, MTPK24, NSF⁺21, YDL⁺17, ZJJ⁺15, ZNTJE23, SSK11]. **Shelf** [DPBI⁺19]. **Shifts** [KHB⁺20]. **ShiftsReduce** [KHB⁺20]. **Shorten** [JYX⁺24]. **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]. **Signature** [WDK⁺24]. **signatures** [OAB12]. **Significance** [PVA⁺17]. **Significance-Aware** [PVA⁺17]. **Significantly** [MP13]. **Silent** [PLG19, WZW⁺24b]. **silicon** [PCT12]. **Sim** [LSC⁺24]. **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, LSC⁺24, 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, WWY⁺24, LKL⁺13]. **Soft-Error** [OK21, WWY⁺24]. **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]. **Solve** [HSLs24]. **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, LHC⁺24, CPP08, IMS⁺08, Nas13, PJ13, VHKP11].
Space-Efficient [BC13, Nas13]. **spaces** [BE13]. **Sparse** [ASH20, ACGH24, BJWS18, BKS⁺22, GJW24, HEDH21, HSLs24, HBPH24, ICEDR24, JOB⁺22, LFP⁺24, RXR⁺24, SMN22, SJL⁺20, SJC⁺21, WCW⁺24, XLH⁺24, YAG⁺16, YXMC23, ZBC⁺22, ZPH⁺23, BR13]. **Sparse-dense** [LFP⁺24]. **Sparsification** [XDW⁺23].
Sparsity [RJK24, XSF⁺23].
Sparsity-Aware [RJK24]. **Spatial** [CKP⁺22]. **Spatially** [MMW⁺24].
Spatially-Aware [MMW⁺24].
Spatiotemporal [LAAMJ15, PL23].
SPCM [HASA16]. **SPEC2006** [HPBS21].
SPEC2017 [HPBS21]. **special** [CDM13, SHC13, SD12]. **Specialization** [ANS⁺22, BB21, FBC⁺22, LLS23, YAG⁺16].
Specialized [GaSÁ⁺16, RAF22, GÁSA⁺13].
species [NCC13]. **Specific** [CGP23, GMZ⁺21, UDL20, CZGC20, PRMH13].
Specification [ZPH⁺23]. **SpecTerminator** [JHQ23]. **Spectral** [SBC05]. **Spectrum** [WZY⁺24b]. **Spectrum-Based** [WZY⁺24b].
Speculation [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 [ZMLL24, ZML⁺24]. **Spin-based** [ZMLL24, ZML⁺24]. **Spintronic** [CRC⁺21, RKC⁺20]. **split** [RFD13, TBS06].
splitting [WWY⁺12]. **SplitZNS** [HFL⁺23].
SPM [KE15]. **SpMM** [LSS⁺24]. **SpMV** [BJWS18, ZLYZ16]. **SpMxV** [KGK10].
sporadic [ZGC⁺12]. **SpTRSV** [HSLs24].
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, TLS⁺24]. **Stabilization** [SHD15]. **Stable** [LWL⁺24]. **stack** [CH06, VS08, SCEG08]. **Stacked** [CWMC16, DVG⁺23, LGP⁺16, NRQ16a, NRQ16b]. **Stacking** [APBR16, ZSLX13].
Stacks [ZGX22]. **stage** [ZZL⁺21]. **Star** [ZF24]. **Start** [ABV⁺24]. **State** [CSF⁺20, DWF⁺23, ABV⁺24, GPL⁺05].
states [ABV⁺24]. **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, DZL⁺24, HLZ⁺24, KBB⁺14, LTX16, WZX⁺24, XZW⁺22, KKL⁺24, TLS⁺24]. **Store** [KKAR16, XZW⁺22, ZYH⁺24, LHWB12, SL09]. **Stores** [PLG19].
Strategies [MRK⁺22, WYCC11]. **Strategy** [KFJ20, YCCY11, ZHD⁺04]. **Stream** [LT19, LK24, XCC⁺13, YWXW12, MG13, YZL⁺10]. **Stream-Based** [LK24].
Streaming [CNS⁺16b, FLL⁺24, MLZ⁺24, 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].
Stripe [ZF24]. **Stripe-schedule** [ZF24].
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]. **SuccinctKV** [ZYH⁺24]. **Suite** [CCM⁺16, DDT⁺17].
Sunway [AYL⁺18, MLC⁺23, ZFF⁺18].
Super [SYS⁺24]. **Super-Resolution** [SYS⁺24]. **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, TLG24]. **SW** [KMG14, TS15].
SW/HW [TS15]. **SW26010** [JYM20].
Swap [WLX24]. **Swapping** [LLL⁺24, TLY⁺24]. **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, LZS⁺24, MMW⁺24, 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, DNS⁺24, FMY⁺15, FPMR21, GJW24, GTT⁺16, HYYBM16, JED19, KE15, KTAE16, KAC⁺18, KHN⁺18, KMAK22, LK24, LMA⁺16, LYH16, MMT⁺12, MKKE15, MSFC21, NRQ16b, OKJ⁺22, PLK⁺19, PG17, PBY⁺17, PGB16, SKP⁺22, SPS17, SHL⁺24, 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** [LY24, 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].

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 [CG15a, CMAP22, HLSW17, MN24].
Work-Queue [HLSW17]. **Workload**
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 CG14]. **Workload-Aware**
 [MBLK24, CG14]. **Workloads**
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 LSC⁺24, LWL⁺24, SLJ⁺18, SJC⁺21,
 vdVSAAS20, DWDS13, JEBJ08, LTG12,
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