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## Title word cross-reference

**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]. **K** [Abd20, WZX+24]. **QR** [BHWN21]. **Z** [SLM12].  
**\*** [SCFD22].  
**-D** [CAY+18]. **-means** [Abd20]. **-mer** [WZX+24]. **-polytopes** [SLM12]. **-Tree** [WX24].  
**/channel** [LCL+14].

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

[LJMG12]. **ApHMM** [FPK<sup>+</sup>24]. **API** [CI13]. **Application** [GTT<sup>+</sup>16, LWC<sup>+</sup>22, OKJ<sup>+</sup>22, PLT<sup>+</sup>15, SCFD22, UDLD20, AS13, GÁSA<sup>+</sup>13, RCV<sup>+</sup>12, SB09, TDP15]. **Application-Guided** [GTT<sup>+</sup>16]. **Application-Level** [PLT<sup>+</sup>15]. **Application-oblivious** [LWC<sup>+</sup>22]. **Application-Specific** [UDLD20]. **Applications** [ASS17, AZG17, APS22, CPG21, DMR<sup>+</sup>16, DTD16, DPBI<sup>+</sup>19, FWJ<sup>+</sup>16, GR15, HDW21, JYE<sup>+</sup>16, KPRK20, LWS<sup>+</sup>19, LSH<sup>+</sup>23, MST<sup>+</sup>21, MPU<sup>+</sup>23, RKH16, NMPS22, RHLA14, RSU<sup>+</sup>20, RMA14, RLBBN15, TMSR23, UPR22, WZG<sup>+</sup>19, XFS<sup>+</sup>19, CS13, DWDS13, HLR<sup>+</sup>13, KNBK12, MBKM12, STLM12, SV05, SLA<sup>+</sup>07, SLM12, YLTL04, ZG05]. **Applied** [LB10]. **applying** [ZWHM05]. **Approach** [AZG17, CNS<sup>+</sup>16b, CKP<sup>+</sup>22, EMR14, FDF<sup>+</sup>14, G GK18, KS16, MRK<sup>+</sup>22, RKL23, TS15, WAST16, WZG<sup>+</sup>19, ZX16, FT10, SSR13, WYJL10, YJTF13, ZCS06]. **approachable** [WHV<sup>+</sup>13]. **Approx** [AMS23]. **Approx-RM** [AMS23]. **Approximate** [DS12, SPS23, YPT<sup>+</sup>16]. **Approximation** [SMM<sup>+</sup>23, LTG12]. **Apps** [MPHL22, PCM16]. **Arbitrary** [PWE20, RHC15, WMGS19, WWGS22]. **arbitration** [XCC<sup>+</sup>13]. **Architecting** [CPB<sup>+</sup>07, NTV<sup>+</sup>22]. **Architectural** [CPS<sup>+</sup>15, DCP<sup>+</sup>12, HEMK17, KLA<sup>+</sup>19, LZZ<sup>+</sup>22, ME15, MTPK24, QSZ<sup>+</sup>21, WAST16, WZG<sup>+</sup>19, YHYBAM20, IMS<sup>+</sup>08, SB09, ZZQ<sup>+</sup>05, CWC06]. **Architecturally** [KBB<sup>+</sup>14]. **Architecture** [BOEN23, DNS<sup>+</sup>24, FBC<sup>+</sup>22, HK14, HLZ<sup>+</sup>24, KAC<sup>+</sup>18, LWS<sup>+</sup>19, OBdOJ<sup>+</sup>24, OK21, PVS<sup>+</sup>17, SLJ<sup>+</sup>18, SM19, SHY14, SWF16, SAM<sup>+</sup>23, VC16, VFJ<sup>+</sup>17, WDX24, XMW<sup>+</sup>21, XLD<sup>+</sup>24, XVT20, ZFT<sup>+</sup>18, ZML<sup>+</sup>24, ARS04, BVIB12, BWG<sup>+</sup>12, CPB<sup>+</sup>07, DJX13, GKP14, GSZI10, JYJ<sup>+</sup>13, JA14, LNLK13, PM12, STLM12, SNL<sup>+</sup>04, SRLPV04, SSPL<sup>+</sup>13, ZK06]. **Architecture-Agnostic** [SLJ<sup>+</sup>18]. **architecture-independent** [BVIB12]. **Architectures** [ÄJE<sup>+</sup>16, ASK<sup>+</sup>16, ASP17, CG15a, CEP<sup>+</sup>16, CDPN16, GR15, HAM17, HAM19, HHW<sup>+</sup>22, JLJ<sup>+</sup>18a, JLL<sup>+</sup>23, LAS<sup>+</sup>13, LZM14, MST<sup>+</sup>21, MK23, PT17, RMA14, SJL<sup>+</sup>20, ZLYZ16, ZCQ<sup>+</sup>19, ZMLL24, BBG13, BWLR06, BTS10, CG14, CK11, CDM13, KCP13, LKL<sup>+</sup>13, LHC<sup>+</sup>24, OGK<sup>+</sup>12, RCV<sup>+</sup>12, SSK11, SD12, SB09, TC07, TDG13, VE13, YXK<sup>+</sup>12]. **Area** [LAS<sup>+</sup>13, MP22, MPU<sup>+</sup>23, SB09]. **Area-Efficient** [MPU<sup>+</sup>23, SB09]. **ARI** [FQRG13]. **Arithmetic** [LVR<sup>+</sup>15, UDLD20, BWG<sup>+</sup>12]. **ARM** [GDL16, HZN<sup>+</sup>22, LHW<sup>+</sup>19, SHY14, SPH<sup>+</sup>17]. **ARM-to-x86** [LHW<sup>+</sup>19]. **ArmorAll** [KPRK20]. **Array** [DSK19, LY24, WG17, XMW<sup>+</sup>21, BWLR06, KLMP12]. **Arrays** [LMSE18, TD16, YSD<sup>+</sup>23]. **Arrival** [Pro21]. **ARSEC** [DDT<sup>+</sup>17]. **Art** [MWJ19]. **As-Is** [SPS23]. **ASA** [ZBC<sup>+</sup>22]. **ASM** [SOAK23]. **Assembly** [LVR<sup>+</sup>15]. **Assessing** [FCVR24]. **Assigned** [DCL<sup>+</sup>22]. **Assignment** [CSW<sup>+</sup>23, JOB<sup>+</sup>22]. **assistance** [JOA<sup>+</sup>09a]. **Assisted** [CDPN16, HNKK17, JDZ<sup>+</sup>13, KKAR16, PHBC17, CST<sup>+</sup>06, ZZL<sup>+</sup>21]. **associative** [HL07, KWCL09]. **associativity** [YJTF13]. **Asymmetric** [ZCQ<sup>+</sup>19, CG14, CCPG13, PCT12, SW13]. **Asymmetry** [LHW<sup>+</sup>19]. **Asynchronous** [WZW<sup>+</sup>24]. **Attack** [DHX<sup>+</sup>22, LFK19]. **Attacks** [BCHC19, CWK<sup>+</sup>24, ERAG<sup>+</sup>16, PHBC17, SKS23, ZHS<sup>+</sup>19, BVIB12, CCD12, DJL<sup>+</sup>12]. **Attribution** [TMSR23]. **Augmented** [WZY<sup>+</sup>24a]. **AUKE** [DSK19]. **Auto** [APG<sup>+</sup>23, CG15a, SAT20, WG17]. **Auto-Tuning** [CG15a, WG17, APG<sup>+</sup>23]. **Auto-Vectorizing** [SAT20]. **Automata** [EZYA23, LZZ<sup>+</sup>22, VW11]. **automatable** [AFD07]. **Automated** [ASS17, BSSS14, BCHC19]. **Automatic**

[AMG16, DSK19, HEDH21, JLER12, LBO14, LT13, MGA<sup>+17</sup>, NC15, RB13, TPB24, WLZ<sup>+13</sup>, WGO15, WM10, XZC<sup>+20</sup>, SPS12, WKCS12]. **Automatically** [VZT<sup>+20</sup>]. **Automating** [TWB21]. **Automotive** [FWJ<sup>+16</sup>]. **Autonomously** [DGI<sup>+14</sup>]. **Autotuning** [AMP<sup>+16</sup>, CCA20, SYE19, TIP<sup>+23</sup>, YAG<sup>+16</sup>, KBR<sup>+13</sup>, LFC13]. **Autovesk** [TPB24]. **Availability** [OK21]. **Avionics** [DPBI<sup>+19</sup>]. **AVPP** [OAM19]. **Aware** [APG<sup>+23</sup>, ACA<sup>+19</sup>, BB21, DGI<sup>+14</sup>, CG15a, DTD16, DHX<sup>+22</sup>, DHD<sup>+14</sup>, GVT<sup>+17</sup>, JYW22, KFEG18, KMAK22, LK24, LYH16, LHS<sup>+24</sup>, LRBG15, MBLK24, MN24, PDCS24, PVA<sup>+17</sup>, PG17, RJK24, RSK<sup>+18</sup>, SEF<sup>+19</sup>, SLJ<sup>+18</sup>, SJD22, SCK<sup>+21</sup>, SKH<sup>+16</sup>, SZJK18, SKPD19, SGM<sup>+22</sup>, UPR22, USCM16, WLZ<sup>+13</sup>, WJXC17, WZY<sup>+24b</sup>, ZPL<sup>+21</sup>, ZNX<sup>+24</sup>, ZCQ<sup>+19</sup>, ZZH<sup>+23</sup>, ZWY17, ZF24, BOEN23, CPB14, CG14, CHD<sup>+23</sup>, CLA<sup>+19</sup>, CWCS13, EE09, GGFRG12, HAM<sup>+20</sup>, KABS22, NB13, RB24, SLS<sup>+21</sup>, SSS<sup>+04</sup>, SAL19, SL20, SEP07, WYJL10, WSC<sup>+13</sup>, WDXJ14, YZZ<sup>+23</sup>, ZYCZ10, ZDC<sup>+12</sup>, ZK06, JZY<sup>+22</sup>]. **Awareness** [HLSW17, LKL<sup>+13</sup>].

**B** [WX24]. **Backup** [LYLS24]. **Bahurupi** [PM12]. **Balancing** [LLRC17, PGB16, WWH<sup>+16</sup>]. **Band** [SPS17]. **Band-Pass** [SPS17]. **Banded** [BSL17]. **Bandwidth** [LGP<sup>+16</sup>, LDMZ19, ZCCD16, ZCQ<sup>+19</sup>, DZC<sup>+13</sup>, WYJL10, XCC<sup>+13</sup>]. **Bandwidth-Asymmetric** [ZCQ<sup>+19</sup>]. **Bank** [JFK20, LCL<sup>+14</sup>, XGD<sup>+23</sup>]. **bank-** [LCL<sup>+14</sup>]. **bank-/channel-level** [LCL<sup>+14</sup>]. **banked** [AGI<sup>+12</sup>]. **Banking** [MP22]. **Banks** [ZCF18]. **Bare** [RKL23]. **Bare-wire** [RKL23]. **Barrier** [CDM<sup>+22</sup>]. **Base** [AGG21]. **Base-2** [AGG21]. **Based** [ÄJE<sup>+16</sup>, CNS<sup>+16b</sup>, CG15a, CTY<sup>+23</sup>, CCL<sup>+24</sup>, CG15b, DSR15, DAD16, DAP<sup>+15</sup>, DWF<sup>+23</sup>, ELE<sup>+23</sup>, EZYA23, FDF<sup>+14</sup>, GAM12, HYYBM16, JPS17, JHQ23, KS16, LCS<sup>+19</sup>, LLC22, LK24, LTX16, LLLW22, LWLW<sup>+24</sup>, LY16, LYLS24, MNC<sup>+16</sup>, MTK18, NC15, RAF22, SBS16, TAB<sup>+21</sup>, WGO15, WDX15, WCI<sup>+16</sup>, WWC<sup>+16</sup>, WMGS19, WDW<sup>+22</sup>, WLLW20, WZY<sup>+24a</sup>, WZY<sup>+24b</sup>, XHJY16, XFS<sup>+19</sup>, XLD<sup>+24</sup>, YHYBAM20, ZX19, ZLC<sup>+15</sup>, ZSM<sup>+16</sup>, ZGX22, AvRF07, AGG22, BCVT13, CPP08, CWK<sup>+24</sup>, CW13, GK13, HLR<sup>+13</sup>, HAJ<sup>+12</sup>, HWM14, HWX<sup>+13</sup>, JYJ<sup>+13</sup>, JFK20, JML<sup>+20</sup>, JLL<sup>+23</sup>, JRH21, KPRK20, KBR<sup>+13</sup>, LBO14, LTG12, LCL<sup>+14</sup>, LHWB12, MRK<sup>+22</sup>, MPHL22, OLK<sup>+23</sup>, OK21, PLK<sup>+19</sup>, PL23, RLS13, SS04, SKKB18, SSP<sup>+23</sup>, TKJ13, WSC<sup>+13</sup>, WFO14, WWGS22, ZHD<sup>+04</sup>, ZGC<sup>+12</sup>, ZFT<sup>+18</sup>, ZXX23, ZMLL24, ZML<sup>+24</sup>, WGL<sup>+24</sup>, SNK<sup>+23</sup>]. **Batch** [FLW<sup>+24</sup>, SAG22]. **Batched** [JYM20]. **Batching** [SAG22]. **Bayesian** [AMP<sup>+16</sup>, MMLS21]. **Be** [SW17a]. **Behavior** [HPBS21, AFD07, LS10]. **Benchmark** [ABB<sup>+16</sup>, AYL<sup>+18</sup>, CCM<sup>+16</sup>, DDT<sup>+17</sup>, DS16, BE13]. **Benchmarking** [DAP<sup>+15</sup>, XZC<sup>+20</sup>]. **benchmarks** [JEBJ08]. **Benefits** [LWWH12]. **Benzene** [KAC<sup>+18</sup>]. **BestSF** [BJWS18]. **Better** [ZXX23, TBC<sup>+12</sup>]. **Between** [EPS17, NMPS22]. **Beyond** [AGG21, FER<sup>+13</sup>, LCP<sup>+21</sup>]. **Bias** [Lee16]. **Big** [ZLYW18, ZLC<sup>+15</sup>]. **Big-Memory** [ZLC<sup>+15</sup>]. **Bimodal** [TD16]. **Binary** [DGGL16, GDL16, HWL<sup>+19</sup>, LHW<sup>+19</sup>, RKC<sup>+20</sup>, SHY14, XYY<sup>+24</sup>, CDM13, GHS12, HS06, HLC10, LWH11, PKC12]. **bipartite** [BZS13]. **Bit** [TBS06, BWLR06, VED07]. **Bit-split** [TBS06]. **BitSAD** [DZSL20]. **Bitstream** [DZSL20]. **bitwidth** [NB13]. **bitwidth-aware** [NB13]. **Blaze** [PWPD19]. **Blaze-Tasks** [PWPD19]. **Block** [GFD<sup>+14</sup>, HAM<sup>+20</sup>, KTAE16, LLRC17, LTX16, MPPS18, MK23, TZK18, TAB<sup>+21</sup>, ZK06]. **Block-aware** [ZK06]. **Blocked** [BHWN21]. **Blocking** [JHQ23, IPSD21]. **Blocks**

[HWJ<sup>+15</sup>, SYX<sup>+15</sup>]. **body** [WPR<sup>+22</sup>]. **Boltzmann** [PAVB15]. **Bones** [NC15]. **Boost** [KABS22]. **Boosting** [ASV<sup>+16</sup>, KH18, RLS13, BTS10]. **both** [BSWLE13, HP04, MP13]. **bottlenecks** [MMdS06]. **bound** [CLA<sup>+19</sup>, MBKM12]. **bounded** [HS06]. **Bounding** [XMM04]. **Bounds** [ESR<sup>+15</sup>, BWLR06, JRH21]. **BPM** [LCL<sup>+14</sup>]. **BPM/BPM** [LCL<sup>+14</sup>]. **Brain** [vdVSAAS20]. **Brain-Simulation** [vdVSAAS20]. **Branch** [EPAG16, LIS20, LWL18, Mic18, CZ07, HWH<sup>+11</sup>, Jim09, JSM<sup>+04</sup>, LBJ05, MG12, TS05]. **branch-predictor** [JSM<sup>+04</sup>]. **branch-target** [LBJ05]. **Branches** [DGGL16]. **Breakdown** [HYYBM16]. **bridging** [HCC<sup>+14</sup>]. **Bringing** [DDT<sup>+17</sup>]. **buddy** [KWCL09, ZJJ<sup>+15</sup>]. **Budget** [LWF<sup>+16</sup>]. **Buffer** [LDY<sup>+21</sup>, LSH<sup>+23</sup>, SLH<sup>+20</sup>, SL20, LBJ05, RB13]. **Buffering** [YMM<sup>+15</sup>, GPL<sup>+05</sup>]. **Bug** [WZY<sup>+24a</sup>, WZY<sup>+24b</sup>]. **Bugs** [AAI<sup>+16</sup>]. **build** [SSH<sup>+13</sup>]. **Building** [KRHK16, SGS<sup>+20</sup>, WDX15, XZW<sup>+22</sup>]. **BullsEye** [SMM<sup>+23</sup>]. **Buri** [ZLC<sup>+15</sup>]. **Burst** [SLH<sup>+20</sup>]. **Byte** [TDS<sup>+21</sup>]. **Byte-Select** [TDS<sup>+21</sup>].

**C** [CWW<sup>+16</sup>, NC15, NED<sup>+13</sup>, ZZB<sup>+19</sup>]. **C-to-CUDA** [NC15]. **C/C** [NED<sup>+13</sup>]. **C1C** [LZL<sup>+13</sup>]. **CACF** [ZFT<sup>+18</sup>]. **Cache** [CKPH19, CS21, CAGS17, DAD16, DVG<sup>+23</sup>, GFD<sup>+14</sup>, HK14, HMYZ15, KR19, KAC<sup>+18</sup>, KAC15, KDMA23, LLRC17, LWS<sup>+19</sup>, Mic16, MK23, PLK<sup>+19</sup>, RGK<sup>+23</sup>, RS21, SSW16, SBS16, SMM<sup>+23</sup>, SKH<sup>+16</sup>, SSP<sup>+23</sup>, SDS<sup>+21</sup>, SJC<sup>+21</sup>, SWO21, SLJ<sup>+19</sup>, TWB21, VPTS19, WSJ<sup>+21</sup>, WJXC17, YDL<sup>+17</sup>, ZWY17, ZWL<sup>+19</sup>, APG13, AGVO05, AGI<sup>+12</sup>, AFD07, BSWLE13, CA11, CWS06, DJL<sup>+12</sup>, FTLG11, GGFPRG12, GSZI10, HAJ<sup>+12</sup>, KS11, KWCL09, LCC11, LZL<sup>+13</sup>, LHC<sup>+24</sup>, MMdS06, RFD13, SS04, SBC05, SSH<sup>+13</sup>, TKJ13, VSP<sup>+12</sup>, WSC<sup>+13</sup>, WDXJ14, ZHD<sup>+04</sup>, ZVYN05, Zha08, NTG13]. **cache-coherence** [MMdS06]. **cache-coherent** [APG13]. **cache-content-duplication** [KS11]. **cache-resident** [LHC<sup>+24</sup>]. **Cache-Ways** [CS21]. **CacheInspector** [SDS<sup>+21</sup>]. **Caches** [CAGS17, CPS<sup>+15</sup>, GBD<sup>+15</sup>, JPS17, SBS16, WDX14, AIVL13, DJL<sup>+12</sup>, HS06, HL07, KS11, KWCL09, LJMG12, MSK05, SSK11, SSC<sup>+13</sup>, VSP<sup>+12</sup>, WDXJ14, WLZ<sup>+10</sup>, WM11, ZDC<sup>+12</sup>]. **Caching** [DNT16, LWW<sup>+24</sup>, SYX<sup>+15</sup>, DZC<sup>+13</sup>, JOA<sup>+09a</sup>, WFKL10]. **CACTI** [BKM<sup>+17</sup>]. **Caffe** [RSK<sup>+18</sup>]. **CAFFEINE** [PB15]. **CAIRO** [HNKK17]. **Calculation** [SMM<sup>+23</sup>, YSH<sup>+22</sup>]. **Caliper** [KLA<sup>+19</sup>]. **Call** [HZN<sup>+22</sup>, Lee16, MG12]. **Call-Site** [HZN<sup>+22</sup>]. **Calls** [DKK<sup>+21</sup>]. **Camouflage** [PDCS24]. **Capability** [AHA<sup>+19</sup>, DGI<sup>+14</sup>]. **Capacity** [GBD<sup>+15</sup>, SSK11, WM11]. **Captioning** [HHW<sup>+22</sup>]. **Captures** [MPHL22]. **Capturing** [XDXL19]. **CARL** [DCL<sup>+22</sup>]. **CART** [CDPD13, CDPD13]. **Case** [ANS<sup>+22</sup>, KH18, MMS15, MKC<sup>+22</sup>, SKAEG16, SSRS15, AFD12, RPS06, WK09, LB10]. **CASHT** [GAH22]. **CATCH** [KS11]. **Caused** [SYX<sup>+15</sup>]. **CAVA** [CST<sup>+06</sup>]. **CC** [CCZ13]. **Cell** [SSP<sup>+23</sup>, YMM<sup>+15</sup>, STLM12]. **Cell-based** [SSP<sup>+23</sup>]. **cells** [JSM<sup>+04</sup>]. **Center** [FXC<sup>+15</sup>, JYW22]. **centers** [AVG12]. **Centralized** [LDY<sup>+21</sup>]. **Centric** [CKP<sup>+22</sup>, JLJ<sup>+18a</sup>, SJL<sup>+20</sup>, XGD<sup>+23</sup>]. **Cerberus** [HBPH24]. **CERE** [DAP<sup>+15</sup>]. **CG** [MAD17]. **CG-OoO** [MAD17]. **CGRA** [HAC13]. **CGRAs** [CPG21]. **Chain** [FPMR21]. **chains** [SSH<sup>+13</sup>]. **Chameleon** [WFKL10]. **Change** [HASA16, JDZ<sup>+13</sup>, NTV<sup>+22</sup>, YMM<sup>+15</sup>, ZDC<sup>+12</sup>]. **Channel** [BCHC19, BVIB12, Bis21, DJL<sup>+12</sup>, JFK20, LFK19]. **channel-level** [LCL<sup>+14</sup>]. **Channels** [DJC16, EPAG16, JHQ23]. **chaotic** [LTG12]. **Characterization** [CVB15, HKA<sup>+19</sup>, HPBS21, DS12, FER<sup>+13</sup>,

VW11]. **Characterizing** [BCM11, LCW<sup>+24</sup>, ZNTJE23]. **Check** [JRH21]. **Checking** [KK15, BWLR06, MG13, MFSK24]. **Checkpoint** [GW09, ARS04, CST<sup>+06</sup>]. **checkpoint-assisted** [CST<sup>+06</sup>]. **Checkpointing** [AEE<sup>+19</sup>, WZG<sup>+19</sup>, DXMJ11]. **Chief** [Kae20]. **Chip** [BKM<sup>+17</sup>, CS21, CCL<sup>+24</sup>, CPS<sup>+15</sup>, CEP<sup>+16</sup>, DJC16, EPS18, LBM13, VFW16, ZNTJE23, APG13, BKA13, CK11, EE11, GSZI10, JPS17, LWWH12, LT13, LNLK13, LAS<sup>+08</sup>, LM05, LPZI12, LDL22, LMMM08, SSH19, SMK10, TDG13, XCC<sup>+13</sup>]. **Chiplet** [CWK<sup>+24</sup>]. **Chips** [LCS<sup>+19</sup>, ZM15]. **choices** [VE13]. **Chunking** [MG20]. **CIB** [LDY<sup>+21</sup>]. **CIB-HIER** [LDY<sup>+21</sup>]. **CIM** [JLL<sup>+23</sup>]. **Circuit** [ZFT<sup>+18</sup>, DJX13]. **circuit-architecture** [DJX13]. **Circuits** [KKW<sup>+15</sup>]. **Circuits/Cores** [KKW<sup>+15</sup>]. **Citadel** [NRQ16a]. **Class** [AAI<sup>+16</sup>, PAVB15]. **Classes** [JHQ23]. **Classification** [DRHK15, MCB<sup>+12</sup>, SNN<sup>+19</sup>, CDPD13, LMJ13a, NCC13]. **client** [KWM<sup>+08</sup>]. **Climate** [GMZ<sup>+21</sup>]. **Clock** [CCL<sup>+13</sup>]. **Closer** [HZN<sup>+22</sup>]. **Cloud** [CSW<sup>+23</sup>, CKL<sup>+24</sup>, QYZ<sup>+14</sup>, RB24, WLX24, XZW<sup>+22</sup>, XZC<sup>+20</sup>]. **Cloud-scale** [CKL<sup>+24</sup>]. **Clouds** [SDS<sup>+21</sup>]. **Cluster** [SKKB18, YCA18, ZNX<sup>+24</sup>, TC07]. **Cluster-Aware** [ZNX<sup>+24</sup>]. **Clustered** [LZM14, MMS15, ACGK04, SW13]. **Clustering** [MNC<sup>+16</sup>, WMGS19, DS12, JLCR13, SB09]. **Clustering-Based** [MNC<sup>+16</sup>, WMGS19]. **Clusters** [KHS<sup>+14</sup>, MMS15, ZF24]. **CMP** [CPB<sup>+07</sup>, LMCV13, SSK11, SLJ<sup>+18</sup>, WM11]. **CMPs** [ABK21, LMJ13a, LY16]. **CNN** [CSR22, JHH<sup>+23</sup>, WWY<sup>+24</sup>, XLH<sup>+24</sup>]. **CNNs** [JML<sup>+20</sup>, QAT24]. **Co** [AHA<sup>+19</sup>, JPS17, KHN<sup>+18</sup>, LZW23, SOAK23, ZFT<sup>+18</sup>, ZPH<sup>+23</sup>, DJX13, YLW08]. **Co-iteration** [ZPH<sup>+23</sup>]. **Co-located** [LZW23, SOAK23]. **Co-location** [KHN<sup>+18</sup>, YLW08]. **Co-optimization** [JPS17, ZFT<sup>+18</sup>, DJX13]. **Co-Processor** [AHA<sup>+19</sup>]. **coalescing** [SSU<sup>+13</sup>]. **coalescing-lowering** [SSU<sup>+13</sup>]. **Coarse** [LMSE18, MAD17, TD16, KCP13]. **Coarse-Grain** [LMSE18, MAD17]. **Coarse-Grained** [TD16, KCP13]. **Coarsening** [SF18]. **COBAYN** [AMP<sup>+16</sup>]. **CODA** [KHN<sup>+18</sup>]. **Code** [DKK<sup>+21</sup>, CZ07, DSK19, HZN<sup>+22</sup>, CDM<sup>+22</sup>, JCG<sup>+24</sup>, KL19, PAVB15, PKPM19, SYE19, TMSR23, TPB24, WZY<sup>+24a</sup>, WZY<sup>+24b</sup>, ZPH<sup>+23</sup>, AvRF07, CDM13, GNB08, HLR<sup>+13</sup>, HS06, JLER12, KBR<sup>+13</sup>, LKL<sup>+13</sup>, LBJ05, LZYZ09, LHY<sup>+06</sup>, PKC12, RCG<sup>+10b</sup>, VJC<sup>+13</sup>, ZK05, ZWHM05]. **Code-level** [TMSR23]. **code-positioning** [ZWHM05]. **coded** [ZF24]. **Codelet** [DAP<sup>+15</sup>]. **Codes** [CWMC16, LCW<sup>+23</sup>, TZK18, AFD07, AFD12]. **Codesign** [KCA<sup>+13</sup>, WDX24]. **Codesigned** [KMG14]. **Coding** [PM17, ZNX<sup>+24</sup>]. **COER** [WDX24]. **Coherence** [ANS<sup>+22</sup>, CWK<sup>+24</sup>, DRHK15, KBB<sup>+14</sup>, KAC15, PL23, MMdS06, SSH<sup>+13</sup>, VHKP11]. **coherent** [APG13]. **Collaborative** [LLLW22, FT10]. **collapse** [CWCS13]. **Collection** [ASV<sup>+16</sup>]. **Collective** [FT10]. **collector** [WK09]. **colocated** [DWDS13]. **Colocation** [LSL20, PLLW24]. **Colony** [SGM<sup>+22</sup>]. **Coloring** [YWXW12, LFX09]. **Column** [ZBC<sup>+22</sup>]. **Column-wise** [ZBC<sup>+22</sup>]. **Combination** [LDMZ19]. **Combinatorial** [SKPD19, SSR13]. **combined** [BWG<sup>+12</sup>]. **Combining** [VSP<sup>+12</sup>, YRGES<sup>+19</sup>]. **CoMeT** [SKP<sup>+22</sup>]. **Commodity** [GWZ22, WDX15]. **common** [WK09]. **Communication** [DSR15, HAM17, TN20, XDXL19, XDW<sup>+23</sup>, HWX<sup>+13</sup>, SSPL<sup>+13</sup>, TC07]. **communications** [ACGK04]. **Comp** [DZL<sup>+24</sup>]. **Compact** [HEMK17, QAT24, SHC13]. **Compaction**

[DZL<sup>+</sup>24, WK09]. **Comparability** [YWXW12]. **Comparative** [LAS<sup>+</sup>08]. **Comparators** [YEI<sup>+</sup>14]. **comparison** [FBWS13]. **CompEx** [PM17]. **Compilation** [DMR<sup>+</sup>16, HZN<sup>+</sup>22, JLL<sup>+</sup>23, KVH23, LT19, LLLW22, LRBG15, PKPM19, RVKP19, SYE19, SN17, ZC20, CI13, JK13, KHL<sup>+</sup>13, LBO14, LZYZ09, PC13]. **Compile** [KTAE16]. **Compile-Time** [KTAE16]. **compiled** [NED<sup>+</sup>13]. **Compiler** [AMP<sup>+</sup>16, ABP<sup>+</sup>17, BKS<sup>+</sup>22, CGP23, CCD12, DZSL20, DCL<sup>+</sup>22, DMG13, EAH<sup>+</sup>20, EPS17, GGK18, GMZ<sup>+</sup>21, HNKK17, HYBR<sup>+</sup>15, JRH21, KPRK20, KPP<sup>+</sup>15, LFX09, MNC<sup>+</sup>16, MG12, MPHL22, NKH16, NC15, PHBC17, FCVR24, ZSCM08, ZX16, CYXF13, DC07, HWM14, HLC10, JOA<sup>+</sup>09a, JOA<sup>+</sup>09b, KBR<sup>+</sup>13, KWM<sup>+</sup>08, LZL<sup>+</sup>13, LCH<sup>+</sup>04, TR13, YXK<sup>+</sup>12, ZHD<sup>+</sup>04]. **Compiler-Assisted** [HNKK17, PHBC17]. **Compiler-based** [JRH21, KPRK20, ZHD<sup>+</sup>04]. **Compiler-Directed** [HYBR<sup>+</sup>15, LFX09]. **compiler-guided** [LZL<sup>+</sup>13]. **Compiler-Oriented** [GGK18]. **Compiler-support** [EAH<sup>+</sup>20]. **Compiler/Runtime** [KPP<sup>+</sup>15]. **Compilers** [PBCB22, SAT20, CDM13, HEL<sup>+</sup>09, SD12]. **Compiling** [LSH<sup>+</sup>23]. **Complex** [SSS<sup>+</sup>24, SHD15, vdVSAAS20, SLA<sup>+</sup>07]. **Complexities** [GHH15, ZBH<sup>+</sup>13]. **Complexity** [GG18, KAC15, LNFE22, CPP08, DJL<sup>+</sup>12, RPS06, SRLPV04]. **complexity-effective** [RPS06]. **component** [LGAZ07]. **Composable** [FBC<sup>+</sup>22]. **Comprehensive** [CPS<sup>+</sup>15, HKA<sup>+</sup>19]. **Compressed** [SSW16, ZML<sup>+</sup>24, DZC<sup>+</sup>13]. **Compression** [BC13, KPM17, LMSE18, PM17, RS21, SW17a, TDS<sup>+</sup>21, WYZ<sup>+</sup>23, KGK10]. **Compression-Expansion** [PM17]. **Compression/Decompression** [LMSE18]. **Compressive** [WCI<sup>+</sup>16]. **Compromising** [Bis21]. **Computation** [CWW<sup>+</sup>16, DJZ<sup>+</sup>23, HAM17, JHHM21, JLL<sup>+</sup>23, KHN<sup>+</sup>18, VZT<sup>+</sup>20, WCW<sup>+</sup>24, DDU12, LFC13]. **Computational** [CRC<sup>+</sup>21]. **Computationally** [DSH<sup>+</sup>18]. **Computations** [BKS<sup>+</sup>22, PAVB15, SQZK20, SHS<sup>+</sup>20, CYXF13]. **Compute** [DAKK19]. **Computers** [LD24]. **Computing** [BSG23, DZSL20, DSH<sup>+</sup>18, KHS<sup>+</sup>14, LCS<sup>+</sup>19, Lou19, ME17, MPU<sup>+</sup>23, PKL<sup>+</sup>24, PWP19, SW17b, SPS23, TCS16, XZC<sup>+</sup>20, XGD<sup>+</sup>23, ZLYW18, ZLC<sup>+</sup>15, AVG12, LM05]. **conceived** [APG13]. **Concise** [WX24]. **Concurrency** [AAI<sup>+</sup>16, GMGZP14, ME17, MLB<sup>+</sup>23]. **Concurrent** [LDMZ19, MKS22, PCM16, WX24, ZZH<sup>+</sup>23]. **Conditional** [Mic18]. **conditionals** [JSL13]. **Configurable** [NRQ16b, TGRK21, XMW<sup>+</sup>21, HVJ06, LZL<sup>+</sup>13]. **Configuration** [LL22]. **Conflict** [JFK20, WZZ<sup>+</sup>20]. **Conflict-based** [JFK20]. **Conflict-free** [WZZ<sup>+</sup>20]. **conflicts** [TGAG<sup>+</sup>12]. **Congestion** [WDX24, YRGES<sup>+</sup>19]. **connected** [BRSJG12]. **conscious** [LZYZ09]. **Conserving** [LYYB07]. **Considerations** [HMYZ15, MTK18, LM05]. **considering** [AVG12, HP04]. **Consistency** [HZN<sup>+</sup>22, LLW<sup>+</sup>22, NZ15]. **Constrained** [LZM14, NMPS22, MSF<sup>+</sup>07, NMKS06, ZK05]. **Constraint** [RAF22]. **Constraints** [AEJE16, APS22, AMS23, CSF<sup>+</sup>20, KCA<sup>+</sup>13, WYJL10]. **Construction** [DPBI<sup>+</sup>19]. **Consumer** [LYLS24]. **Consumption** [BNS<sup>+</sup>21, CS21, FCD<sup>+</sup>17, GFD<sup>+</sup>14, LTG12, LYBY07, VED07, ZHD<sup>+</sup>04]. **Contech** [RHC15]. **Content** [LWW<sup>+</sup>24, KS11]. **Contention** [DHX<sup>+</sup>22, GWZ22, GAH22, KMAK22, LLC22, LZW23, CWCS13]. **Contention-Free** [LLC22]. **Context** [EPS17, DMG13, LS10]. **continual** [JA14]. **Continuous** [TR13]. **Continuum** [RB24].

**Contraction** [ZPH<sup>+</sup>23]. **Control** [AP17, BRJM15, HAC13, HHC<sup>+</sup>16, SMK15, SKH<sup>+</sup>16, WDX24, YRGES<sup>+</sup>19, CWC06, FSYA09, IWP<sup>+</sup>04, MBKM12, TG07]. **Control-Flow** [SMKH15]. **Controlled** [ASS17, NTV<sup>+</sup>22, RCV<sup>+</sup>05]. **controller** [AGI<sup>+</sup>12]. **Conventional** [NRQ16b]. **conversion** [CS13]. **Converting** [HLC10]. **Convolution** [ADGA20, FSP<sup>+</sup>23, KDMA23, LCP<sup>+</sup>21, WLJ<sup>+</sup>24, FBWS13]. **Convolutional** [GG18, GLTV23, JHHM21, RAF22, SMN22, TDP15, XMW<sup>+</sup>21, XSF<sup>+</sup>23, ZFF<sup>+</sup>18]. **Convolutions** [TIP<sup>+</sup>23]. **CoolDC** [MBLK24]. **Cooled** [MBLK24]. **cooling** [AVG12]. **cooling-computing** [AVG12]. **Cooperation** [TZK18]. **Cooperative** [Abd20, DNT16, JPS17, JDZ<sup>+</sup>13, LBM13, NMPS22, SHLM14]. **Coordinated** [LDMZ19, ZDC<sup>+</sup>16]. **Copious** [DVG<sup>+</sup>23]. **Coprocessor** [MPU<sup>+</sup>23, LDG<sup>+</sup>13]. **Corasick** [CW13, PLL10]. **Core** [CHE<sup>+</sup>14, CS21, CC18, FMY<sup>+</sup>15, JLJ<sup>+</sup>18a, LNFE22, LK24, LBM13, PVS<sup>+</sup>17, SPS17, SPH<sup>+</sup>17, TGRK21, ZLYZ16, DAKK19, FSX<sup>+</sup>24, JYM20, JHH<sup>+</sup>23, LNLK13, MLC<sup>+</sup>23, MRK<sup>+</sup>22, OGK<sup>+</sup>12, PM12, QSZ<sup>+</sup>21, SSS<sup>+</sup>23, ZGC<sup>+</sup>12]. **Cores** [CAY<sup>+</sup>18, DT17, HYYBM16, JPS17, KKW<sup>+</sup>15, KABS22, MMS15, TCS20, TDO16b, ZCF18, GB06, NTG13, PCT12, SW13, WYJL10, WFKL10]. **CoreUnfolding** [APBR16]. **Corner** [DDT<sup>+</sup>17]. **Correct** [DPBI<sup>+</sup>19]. **Correct-by-Construction** [DPBI<sup>+</sup>19]. **Correcting** [SPM17, TZK18]. **Correction** [DGI<sup>+</sup>14, CWMC16, Lee16, LSC<sup>+</sup>15, LDC15]. **Correctness** [PD17]. **correlating** [TKJ13]. **Correlation** [WPR<sup>+</sup>22]. **coscheduling** [PGB13]. **Cost** [KBB<sup>+</sup>14, LGP<sup>+</sup>16, MBLK24, MN24, RB24, SSW16, SKPD19, YEI<sup>+</sup>14, AGI<sup>+</sup>12, DC07, FBHN04, MA08, SBC<sup>+</sup>22]. **Cost-aware** [RB24]. **Cost-Effective** [MBLK24]. **COTS** [RGG<sup>+</sup>12]. **Could** [SW17a, ZPR<sup>+</sup>17]. **Counter** [WCI<sup>+</sup>16]. **Counter-Based** [WCI<sup>+</sup>16]. **Countermeasures** [CWK<sup>+</sup>24]. **Counters** [LGH24, NDP17, RLS13]. **Counting** [WZX<sup>+</sup>24, RBM10]. **Coupled** [Abd20, PCT12]. **covering** [PJ13]. **Covert** [EPAG16]. **COWS** [MN24]. **COX** [HLSK22]. **CPU** [Abd20, BSSS14, LMCV13, PGB16, WLWB19]. **CPUs** [BHC<sup>+</sup>16, HLSK22, WLJ<sup>+</sup>24]. **Crash** [LLW<sup>+</sup>22]. **Creating** [CPG21]. **Creation** [THA<sup>+</sup>21]. **Critical** [EAH<sup>+</sup>20, LYLS24, RGG<sup>+</sup>12]. **Criticality** [FWJ<sup>+</sup>16]. **CRNS** [AS13]. **Cross** [ERAG<sup>+</sup>16, FSX<sup>+</sup>24, LGAZ07, LGH24, LVR<sup>+</sup>15, OTR<sup>+</sup>18, SWF16, TWB21, VOK<sup>+</sup>22, WAST16, ZLYZ16]. **Cross-accelerator** [TWB21]. **Cross-Architecture** [SWF16]. **Cross-component** [LGAZ07]. **Cross-core** [FSX<sup>+</sup>24]. **Cross-Layer** [ERAG<sup>+</sup>16, OTR<sup>+</sup>18, WAST16, VOK<sup>+</sup>22]. **Cross-Loop** [LVR<sup>+</sup>15]. **Cross-Platform** [ZLYZ16, LGH24]. **Crossbar** [XLD<sup>+</sup>24]. **Crowd** [MPHL22]. **Crowd-sourced** [MPHL22]. **Crown** [MKKE15]. **Cryptographic** [Bis21]. **cryptography** [AS13]. **CTA** [LDMZ19, UPR22]. **CUDA** [HLSK22, KBR<sup>+</sup>13, NC15, VJC<sup>+</sup>13, WG17]. **Customized** [CPG21]. **CXL** [WGL<sup>+</sup>24]. **cycle** [DEE13, RLS13].

**D** [LLC22, LD24, BSL17, CAY<sup>+</sup>18, CWMC16, DZL<sup>+</sup>24, DVG<sup>+</sup>23, JHH<sup>+</sup>23, LGP<sup>+</sup>16, LCW<sup>+</sup>24, NRQ16b, SZJK18, SKP<sup>+</sup>22, ZSLX13]. **D-CNN** [JHH<sup>+</sup>23]. **d-Packed** [BSL17]. **D-Stacked** [DVG<sup>+</sup>23, LGP<sup>+</sup>16, NRQ16b]. **D/** [LLC22, LD24]. **DAC** [RJK24]. **DAC/ADC** [RJK24]. **DAC/ADC-less** [RJK24]. **DAG** [CCL<sup>+</sup>24]. **DAG-Order** [CCL<sup>+</sup>24]. **DAPSCO** [GGFPRG12]. **dark** [PCT12]. **DarkCache** [ZCF18]. **DASH** [USCM16]. **Data** [ASH20, ACGH24, AMG16, CKP<sup>+</sup>22,

CDPN16, DZL<sup>+24</sup>, DAKK19, EPS18, ESR<sup>+15</sup>, EAH<sup>+20</sup>, FSX<sup>+24</sup>, FXC<sup>+15</sup>, GAM12, GLTV23, HAM17, HAM19, HLSW17, IPSD21, JYW22, JLJ<sup>+18a</sup>, KPM17, KHN<sup>+18</sup>, LWL18, LLS23, LYLS24, MST<sup>+21</sup>, ME15, ME17, MTK18, MNSC16, MGA<sup>+17</sup>, MGSH16, NKH16, NSF<sup>+21</sup>, PD17, RMA14, RTK15, SKH<sup>+16</sup>, SJL<sup>+20</sup>, SJC<sup>+21</sup>, SWO21, TMSR23, TDP15, VFJ<sup>+17</sup>, WGO15, WZG<sup>+19</sup>, WZY<sup>+24b</sup>, YXS<sup>+22</sup>, YMM<sup>+15</sup>, ZLYW18, ZNTJE23, XLWS24, AVG12, AGG22, BSWLE13, CS10, CA11, CDPD13, CWC06, FER<sup>+13</sup>, FLG12, HLR<sup>+13</sup>, HL07, LWH11, LJMG12, PC13, RB13, RFD13, STLM12, TG07]. **Data-Centric** [CKP<sup>+22</sup>]. **Data-Driven** [ME15, ME17, ASH20]. **data-flow** [PC13]. **Data-Parallel** [MGSH16, NKH16]. **Data-Race-Free** [MNSC16]. **Data-Rate** [EPS18]. **Data-Traversal** [RMA14]. **Database** [BAZ<sup>+19</sup>]. **Datacenter** [HZC<sup>+23</sup>, MBLK24]. **Datacenters** [CSW<sup>+23</sup>, XVT20, ZFL18]. **Dataflow** [CPG21, DT17, FLW<sup>+24</sup>, KPP<sup>+15</sup>, MMT<sup>+12</sup>, ZMLL24, VTN13]. **Datapath** [IWP<sup>+04</sup>]. **Datasets** [WLWB19]. **DawnCC** [MGA<sup>+17</sup>]. **DCMI** [KFJ20]. **DCNNs** [ESB<sup>+20</sup>]. **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<sup>+04</sup>, SS04]. **Declarative** [CZGC20]. **decoders** [Zha08]. **Decoding** [CAMJ15, LCW<sup>+23</sup>]. **Decomposition** [BHWN21]. **Decompression** [LMSE18]. **Deconstructing** [CFH<sup>+12</sup>]. **Decoupled** [JHH<sup>+23</sup>, MPU<sup>+23</sup>, VPTS19, BZS13, DHC<sup>+13</sup>, RVOA08]. **Decoupling** [HAM17]. **Decreasing** [SWO21]. **Dedicated** [ICEDR24]. **Deep** [ASK<sup>+16</sup>, CKP<sup>+22</sup>, DLS22, JLJ<sup>+18a</sup>, MWJ19, QAT24, RSK<sup>+18</sup>, WWW<sup>+21</sup>, WZWW23, XDXL19, XDW<sup>+23</sup>]. **Deeply** [GKCE17]. **DeF** [CPG21]. **DEFCAM** [LCC11]. **defect** [LCC11]. **defect-tolerant** [LCC11]. **Defined** [DMR<sup>+16</sup>, TGAG<sup>+12</sup>]. **Defragmentation** [PVS<sup>+17</sup>]. **DeFT** [VHKP11]. **Delay** [SKS23]. **Delay-on-Squash** [SKS23]. **Delayed** [DQCK24]. **Delivery** [LWW<sup>+24</sup>, ZZL<sup>+21</sup>]. **Delta** [DZC<sup>+13</sup>]. **Delta-compressed** [DZC<sup>+13</sup>]. **Demand** [ACG24, BRJM15]. **Dense** [ACGH24, CWW<sup>+16</sup>]. **Dependence** [BRJM15, DHD<sup>+14</sup>, JK17, KABS22, SL09, TG07, VTN13]. **Dependence-Aware** [DHD<sup>+14</sup>, KABS22]. **dependences** [BCVT13]. **Dependency** [WLZ<sup>+13</sup>, ZPL<sup>+21</sup>, ZZH<sup>+23</sup>]. **Dependency-Aware** [WLZ<sup>+13</sup>, ZPL<sup>+21</sup>, ZZH<sup>+23</sup>]. **dependent** [YZL<sup>+10</sup>]. **Deployments** [vdVSAAS20]. **depth** [HP04]. **Design** [CSF<sup>+20</sup>, CKPH19, CPS<sup>+15</sup>, ESB<sup>+20</sup>, KWM<sup>+08</sup>, LDY<sup>+21</sup>, MAY23, RTK15, SZJK18, SPH<sup>+17</sup>, SL09, UJW15, VHKP11, VKM<sup>+21</sup>, WLZ<sup>+10</sup>, WZY<sup>+24a</sup>, WZY<sup>+24b</sup>, BE13, CPP08, IMS<sup>+08</sup>, LB10, LCC11, LHZ13, VE13, ZK05]. **Designing** [BKA13, BSWLE13, MGSH16]. **Destructive** [DQCK24]. **Details** [FMY<sup>+15</sup>]. **Detecting** [DSR15, KS11]. **Detection** [BDB<sup>+20</sup>, CEP<sup>+16</sup>, LHC<sup>+17</sup>, MNSC16, SLH<sup>+20</sup>, WCI<sup>+16</sup>, WDW<sup>+22</sup>, WWY<sup>+24</sup>, YEI<sup>+14</sup>, LKL<sup>+13</sup>, TBS06, TDG13, VHKP11, WTF014]. **Deterministic** [CCL<sup>+13</sup>, MLB<sup>+23</sup>, VSDL16, VW11]. **Detonation** [CAY<sup>+18</sup>]. **Devectorization** [KMG14]. **Development** [VCJ<sup>+17</sup>]. **Device** [MSFC21, RLBBN15]. **Device-Level** [RLBBN15]. **Devices** [LYLS24, TKM14, NMKS06, ZK05]. **DFA** [BC13]. **Diagnosing** [JLJ<sup>+18b</sup>]. **diagnosis** [BSO07]. **DiagSim** [JLJ<sup>+18b</sup>]. **Die-Stacked** [CWMC16]. **die-stacking**

[ZSLX13]. **different** [YXK<sup>+</sup>12]. **Dimension** [LLC22, RTG<sup>+</sup>07]. **Dimension-Order** [LLC22]. **dimensional** [LT19, LL22]. **Direct** [DKB<sup>+</sup>20, FSP<sup>+</sup>23, LLRC17, YRGES<sup>+</sup>19]. **Direct-Mapped** [LLRC17]. **Directed** [HYBR<sup>+</sup>15, VZS<sup>+</sup>18, LFX09, NED<sup>+</sup>13, SEP07, WM10]. **directional** [XMW<sup>+</sup>21]. **directives** [CXW<sup>+</sup>12]. **Directories** [PT17]. **Dirty** [LLRC17]. **Dirty-Block** [LLRC17]. **Disaggregated** [DZL<sup>+</sup>24, DWF<sup>+</sup>23, HZC<sup>+</sup>23, LZS<sup>+</sup>24]. **Disaggregation** [MKC<sup>+</sup>22, WGL<sup>+</sup>24]. **discard** [LWWH12]. **Discovering** [YHYBAM20]. **Discrete** [ZSM<sup>+</sup>16]. **DisIRer** [HLC10]. **Disjoint** [SJA12]. **Disk** [LYK<sup>+</sup>15, WDW<sup>+</sup>22]. **disparate** [WLZ<sup>+</sup>10]. **Dispatch** [LLRC17]. **dispatching** [LZ12]. **dissemination** [LZYZ09]. **Distance** [DAD16, GGFPRG12, KR19, LK24, SCMU22, FER<sup>+</sup>13, FTLG11]. **Distance-Aware** [LK24, GGFPRG12]. **Distance-Based** [DAD16]. **Distilling** [JEBJ08]. **Distinguished** [Aca16, Ano15, Bil19, Ano13a]. **distribute** [RFD13]. **Distributed** [JZY<sup>+</sup>22, KHS<sup>+</sup>14, KAC<sup>+</sup>18, LZS<sup>+</sup>24, MMGS21, MK23, SSS<sup>+</sup>23, TPN<sup>+</sup>20, XDXL19, XDW<sup>+</sup>23, ZPC06]. **Distrusting** [SOAK23]. **Divergence** [LWL18, SMK15]. **Divergent** [GR15]. **Diverse** [LP17, SAL19]. **diversification** [CDM13]. **Diversity** [TDO16b, KNBK12]. **DJ** [DDU12]. **DJ-graphs** [DDU12]. **DL** [THA<sup>+</sup>21]. **DLP** [SNL<sup>+</sup>04]. **DNN** [LY24, LWC<sup>+</sup>22, WYZ<sup>+</sup>23, XZC<sup>+</sup>20, XLD<sup>+</sup>24]. **DNNs** [ZML<sup>+</sup>24]. **DNNTune** [XZC<sup>+</sup>20]. **Do** [ZPR<sup>+</sup>17]. **Document** [HKA<sup>+</sup>19]. **Doesn't** [LKV12]. **Domain** [CZGC20, CGP23, FBC<sup>+</sup>22, GáSÁ<sup>+</sup>16, GMZ<sup>+</sup>21, GÁSÁ<sup>+</sup>13]. **Domain-Specific** [GMZ<sup>+</sup>21, CZGC20]. **Domains** [SW17a]. **DPCS** [GBD<sup>+</sup>15]. **DPM** [GK13]. **Dragonfly** [CVB15]. **DRAM** [CKPH19, CAGS17, DQCK24, HCC<sup>+</sup>14, JLCR13, LLRC17, LCL<sup>+</sup>14, NCQ14, OLK<sup>+</sup>23, OBdOJ<sup>+</sup>24, OTR<sup>+</sup>18, TKM14, VPTS19, XGD<sup>+</sup>23, XHJY16]. **DRAMCache** [PG17]. **DRAMs** [LSC<sup>+</sup>15]. **Drift** [SZJK18]. **Drive** [MPHL22]. **Driven** [ME15, ME17, PB15, YXMC23, ZWS<sup>+</sup>16, ASH20, CDM13, FTLG11, PSL<sup>+</sup>23, SLP08, WTFO14, XT09, ZCS06]. **Droplet** [CRBP24]. **Dropping** [CNAA<sup>+</sup>22, GFD<sup>+</sup>14]. **DSL** [PBY<sup>+</sup>17]. **DSM** [JZY<sup>+</sup>22]. **DSM-aware** [JZY<sup>+</sup>22]. **DSPs** [VCJ<sup>+</sup>17]. **Dual** [EPS18, WZG<sup>+</sup>19]. **Dual-Page** [WZG<sup>+</sup>19]. **DUCATI** [JED19]. **duplication** [KS11, LKL<sup>+</sup>13]. **DVFS** [CS21, EE11, GK13]. **DxPU** [HZC<sup>+</sup>23]. **DynamAP** [LZZ<sup>+</sup>22]. **Dynamic** [BHC<sup>+</sup>16, CCL<sup>+</sup>24, CCA20, DGGL16, DD16, DJB13, FER<sup>+</sup>13, FTLG11, FSYA09, GAM12, GDL16, GBD<sup>+</sup>15, HWL<sup>+</sup>19, KE15, KPP<sup>+</sup>15, KMG14, KKAR16, LKL<sup>+</sup>13, Lee16, LPZI12, LSL20, LTX16, LHW<sup>+</sup>19, LZZ<sup>+</sup>22, MG19, MG20, RHC15, SV05, SGS<sup>+</sup>20, SHD15, WWH<sup>+</sup>16, XYY<sup>+</sup>24, XHJY16, YZZ<sup>+</sup>23, ZWY17, BBG13, DWDS13, GHS12, HS06, HWH<sup>+</sup>11, HVJ06, JSH09, LWH11, LJMG12, LCL<sup>+</sup>14, MG12, NED<sup>+</sup>13, WSC<sup>+</sup>13, XMM04, ZZQ<sup>+</sup>05]. **Dynamically** [HDW21, LZ12, PGB12, KS11]. **E-BATCH** [SAG22]. **eager** [JLCR13]. **Early** [AKBS21, ZZL<sup>+</sup>21, JOA<sup>+</sup>09b, SLP08]. **Early-stage** [ZZL<sup>+</sup>21]. **Earth** [GMZ<sup>+</sup>21]. **Easier** [TIP<sup>+</sup>23]. **Easy** [TDG13]. **ECC** [CWMC16]. **ECCs** [ZWL<sup>+</sup>19]. **Echo** [CSF<sup>+</sup>20]. **EchoBay** [CSF<sup>+</sup>20]. **ECS** [SPM17]. **Edge** [LK24, RB24, SCK<sup>+</sup>21, SAM<sup>+</sup>23]. **Edge-Cloud** [RB24]. **Editor** [Kae20]. **Editor-in-Chief** [Kae20]. **Editorial** [CT08, Kae20]. **EECache** [CPS<sup>+</sup>15]. **Effective** [GMGZP14, HVJ06, KH18, MBLK24, PGB16, SSW16, SDK<sup>+</sup>22, SPS17, KHW<sup>+</sup>05, LWH11, RPS06, SBC05]. **Effectiveness** [JRK16]. **Effects**

[DRHK15, DVG<sup>+23</sup>, MGI15, CK11].  
**Efficiency** [AJK<sup>+12</sup>, CAMJ15, CSK19, DJZ<sup>+23</sup>, GBD21, HLSW17, JHHM21, LMSE18, LAAMJ15, OTR<sup>+18</sup>, OAM19, SL20, SCFD22, TCS16, ZJJ<sup>+15</sup>, BSWLE13, CWS06, RCG<sup>+10a</sup>, ZSLX13]. **Efficient** [AYC16, AEE<sup>+19</sup>, AKBS21, BSG23, BC13, CC13, CMAP22, CPS<sup>+15</sup>, DDU12, DKB<sup>+20</sup>, DZL<sup>+24</sup>, DD16, GáSÁ<sup>+16</sup>, GNB08, HAM19, HAC13, HEDH21, HEMK17, HFL<sup>+23</sup>, IMS<sup>+08</sup>, JYM20, KR19, KAC<sup>+18</sup>, KH18, KMG14, LLW<sup>+22</sup>, LWH11, LWS<sup>+19</sup>, LL22, LDC15, LGH24, MCB<sup>+12</sup>, MG19, MMLS21, MKKE15, MPU<sup>+23</sup>, MAD17, MFSK24, NMKS06, NSF<sup>+21</sup>, OBdOJ<sup>+24</sup>, PDY<sup>+23</sup>, PLLW24, PS15, QAT24, SYZZ<sup>+14</sup>, SN17, SAG22, TDP15, TTS19, WLJ<sup>+24</sup>, WZG<sup>+19</sup>, XZW<sup>+22</sup>, XHL<sup>+24</sup>, YMM<sup>+15</sup>, YZZ<sup>+23</sup>, ZPC06, ZHS<sup>+19</sup>, ZPL<sup>+21</sup>, ZZH<sup>+23</sup>, ZLM<sup>+23</sup>, ZML<sup>+24</sup>, ZLJ18, ZZQ<sup>+05</sup>, APG13, ARS04, CW13, CNAA<sup>+22</sup>, CWCS13, DLS22, DCP<sup>+12</sup>, FSX<sup>+24</sup>, FPK<sup>+24</sup>, GW08, JSL13, JOA<sup>+09a</sup>, KHW<sup>+05</sup>, LZYZ09, LMJ13a, LHZ13, Nas13, PLL10, RFD13, SPGE06, SHC13, SSP<sup>+23</sup>, SB09, TDG13, WWL<sup>+21</sup>, WYZ<sup>+23</sup>, XCC<sup>+13</sup>, YSH<sup>+22</sup>, ZGC<sup>+12</sup>, FSYA09, SLA<sup>+07</sup>]. **Efficiently** [NRQ16a, PCT12, RHC15, ZWL<sup>+19</sup>].  
**EFGR** [TKM14]. **Elastic** [Per18]. **Element** [LVR<sup>+15</sup>]. **elementary** [LDG<sup>+13</sup>].  
**Eliminating** [RCG<sup>+10b</sup>, SWO21]. **elision** [JLER12, VED07]. **Elision** [CDM<sup>+22</sup>]. **Embedded** [GTT<sup>+16</sup>, GKCE17, KE15, KTAE16, CPP08, CDM13, GHS12, MP13, SHC13, SD12, XT09].  
**embedding** [KKM<sup>+13</sup>]. **emergencies** [RCG<sup>+10b</sup>]. **emerging** [DXMJ11, XCC<sup>+13</sup>].  
**empirical** [AvRF07]. **Emulation** [NZ15, TKKM15]. **Emulators** [HHC<sup>+16</sup>, TKKM15]. **Enable** [RAF22].  
**Enabled** [TGRK21, LZS<sup>+24</sup>]. **Enabling** [BGG<sup>+15</sup>, CC18, HNKK17, JYM20, KHN<sup>+18</sup>, SKAEG16]. **Enclaves** [PKL<sup>+24</sup>, YGB21]. **Encoding** [DNS<sup>+24</sup>, LCW<sup>+23</sup>, TDP15, ZX19].  
**Encoding/Decoding** [LCW<sup>+23</sup>].  
**Encryption** [LIS20]. **End** [FPMR21, OLK<sup>+23</sup>, ZJJ<sup>+15</sup>]. **End-to-End** [FPMR21, OLK<sup>+23</sup>]. **Endurance** [WDXJ14]. **Endurance-aware** [WDXJ14].  
**Energy** [ABK21, AJK<sup>+12</sup>, AYC16, ASP17, APS22, AMS23, BSG23, CMAP22, CPS<sup>+15</sup>, CNAA<sup>+22</sup>, DLS22, DH16, FSX<sup>+24</sup>, FPK<sup>+24</sup>, GKCE17, GFD<sup>+14</sup>, HMYZ15, JHHM21, JOA<sup>+09a</sup>, KAC<sup>+18</sup>, LMSE18, LSC<sup>+15</sup>, LMA<sup>+16</sup>, MCB<sup>+12</sup>, MTK18, MKKE15, MAD17, MPW<sup>+17</sup>, NMPS22, OBdOJ<sup>+24</sup>, OTR<sup>+18</sup>, PM17, RTK15, SW17b, SN17, SAG22, SSP<sup>+23</sup>, SB09, TCS16, TTS19, YSH<sup>+22</sup>, ZJJ<sup>+15</sup>, ZFT<sup>+18</sup>, ZCF18, AVG12, BSWLE13, CWS06, CWCS13, FBWS13, GWS13, GKP14, LTG12, LGAZ07, LZYZ09, LMJ<sup>+13b</sup>, LHZ13, SPGE06, SHC13, SAM<sup>+23</sup>, TDG13, ZHD<sup>+04</sup>, ZVYN05, ZGC<sup>+12</sup>, ZSLX13].  
**Energy-** [SB09]. **Energy-Efficient** [AYC16, CPS<sup>+15</sup>, KAC<sup>+18</sup>, MKKE15, MAD17, OBdOJ<sup>+24</sup>, SN17, SAG22, TTS19, CNAA<sup>+22</sup>, DLS22, FSX<sup>+24</sup>, FPK<sup>+24</sup>, JOA<sup>+09a</sup>, SSP<sup>+23</sup>, YSH<sup>+22</sup>, CWCS13, LZYZ09, LHZ13, SPGE06, SHC13, TDG13, ZGC<sup>+12</sup>]. **Energy-Optimal** [SW17b].  
**Energy-Performance** [MTK18, ZCF18]. **Energy-Proportional** [DH16].  
**Enforcement** [AHA<sup>+19</sup>, GWM07]. **Engine** [HKA<sup>+19</sup>, HLZ<sup>+24</sup>, LP17, PB15, RMA14, WLZ<sup>+13</sup>, CW13]. **Engineering** [SDS<sup>+21</sup>].  
**Engines** [MGI15, TBS06]. **Enhance** [GAM12]. **Enhanced** [GBD21, TKM14, TCR<sup>+22</sup>, FYI<sup>+24</sup>].  
**Entropy** [LZW23]. **enumeration** [SWH09].  
**Envelope** [RWFJ19]. **Environment** [KMG14]. **Environments** [KLA<sup>+19</sup>, SMS23, WLX24, RGG<sup>+12</sup>, WWWL13].  
**EOLE** [EPS17]. **Equality** [KS21]. **Era** [GBD<sup>+15</sup>, SSS<sup>+23</sup>, LNLK13, PCT12].  
**ERASE** [CMAP22]. **Erasure** [LCW<sup>+23</sup>, ZNX<sup>+24</sup>, ZF24]. **Erasure-coded**

[ZF24]. **Error**  
 [BDB<sup>+</sup>20, DGI<sup>+</sup>14, CWMC16, DSH<sup>+</sup>18, LSC<sup>+</sup>15, OK21, SPM17, TZK18, WWY<sup>+</sup>24, YEI<sup>+</sup>14, CCZ13, LKL<sup>+</sup>13].  
**Error-Correcting** [SPM17].  
**Error-Tolerant** [DSH<sup>+</sup>18]. **Errors**  
 [FWJ<sup>+</sup>16, ZWS<sup>+</sup>16]. **essence** [JEBJ08].  
**Estimation** [WAST16, XHJY17, LTG12].  
**Estimations** [Lou19]. **Estimator**  
 [KLA<sup>+</sup>19]. **Evaluate**  
 [MRK<sup>+</sup>22, TDO16a, VOK<sup>+</sup>22]. **Evaluating**  
 [CCM<sup>+</sup>16, CWS06, HWH<sup>+</sup>11, SSK11, SAT20, SW17a]. **Evaluation**  
 [Akr21, BC13, CHE<sup>+</sup>14, DKB<sup>+</sup>20, FWJ<sup>+</sup>16, ZYL<sup>+</sup>21, AvRF07, KWTD09, LCC11, LAS<sup>+</sup>08, RGG<sup>+</sup>12, ZK05]. **Evaluator**  
 [JSL13]. **Evaluator-executor** [JSL13].  
**Even** [MP22]. **Event** [YXMC23, GWM07].  
**Event-Driven** [YXMC23]. **Evolving**  
 [VGX16]. **Examining** [ZWS<sup>+</sup>16]. **Example**  
 [WDK<sup>+</sup>24]. **exascale** [DXMJ11].  
**ExaStencils** [KL19]. **exception** [HWM14].  
**Exceptionization** [YKM17]. **Exclusivity**  
 [YDL<sup>+</sup>17]. **Execution**  
 [AGG22, ASP17, BNS<sup>+</sup>21, CC18, DT17, GGYK19, GMGZP14, HAC13, HEMK17, KS16, KABS22, LDMZ19, MG19, MAY23, ME15, MAD17, MKS22, NZ15, PVA<sup>+</sup>17, PS15, SEF<sup>+</sup>19, SYE19, SGS<sup>+</sup>20, VSDL16, WLZ<sup>+</sup>13, ZX19, ZCCD16, ZLJ18, GB06, LZ12, LHZ13, SJA12, VTN13, XIC12, ZG05].  
**Executions** [NDP17]. **executor** [JSL13].  
**exhaustive** [KWTD09]. **Existing** [YEI<sup>+</sup>14].  
**Expanding** [YBSY19]. **Expansion**  
 [PM17, ZLC<sup>+</sup>15]. **EXPERTISE** [SDK<sup>+</sup>22].  
**explicit** [STLM12]. **Exploit** [AAI<sup>+</sup>16].  
**Exploiting** [AIVL13, ASK<sup>+</sup>16, HWJ<sup>+</sup>15, JFK20, KGK10, LHW<sup>+</sup>19, MA08, NKH16, RSU<sup>+</sup>20, WWW<sup>+</sup>21, WZW<sup>+</sup>24, XSF<sup>+</sup>23, YEI<sup>+</sup>14, YZ08, YZL<sup>+</sup>10, ZX16, LYYB07, PCT12, RLS13, SNL<sup>+</sup>04, JOA<sup>+</sup>09b].  
**Exploration** [BKM<sup>+</sup>17, DNS<sup>+</sup>24, ESB<sup>+</sup>20, KL19, MNC<sup>+</sup>16, QSZ<sup>+</sup>21, CPP08, IMS<sup>+</sup>08, KWTD09, VHKP11, WLZ<sup>+</sup>10].  
**Explorations** [BGG<sup>+</sup>15]. **Exploring**  
 [ACGH24, CK11, JK13, JOA<sup>+</sup>09b, MBKM12, MSK05, SKPD19, WLJ<sup>+</sup>24, vdVSAAS20, BE13, DJX13]. **Exposing**  
 [CSK19, HLSK22]. **Express** [DJC16].  
**Expression** [BC13]. **Expressions**  
 [VZT<sup>+</sup>20, JSH09]. **Expressiveness** [PC13].  
**Extendable** [CXW<sup>+</sup>12]. **extended** [SJV08].  
**Extending**  
 [DBH16, DSH<sup>+</sup>18, JED19, TCS20, VCJ<sup>+</sup>17].  
**Extension** [ZLWS24, ZC20, DCP<sup>+</sup>12].  
**Extensions** [FSP<sup>+</sup>23, KHS<sup>+</sup>14, KBB<sup>+</sup>14].  
**Extractor** [DAP<sup>+</sup>15]. **Extreme**  
 [CAY<sup>+</sup>18, JLJ<sup>+</sup>18a]. **Extreme-Scale**  
 [CAY<sup>+</sup>18, JLJ<sup>+</sup>18a].  
**Fabric** [PBCB22]. **Factorization**  
 [MLC<sup>+</sup>23]. **Factorizations** [AP17]. **Facts**  
 [Mic16]. **FailAmp** [BDB<sup>+</sup>20]. **Failures**  
 [NRQ16a]. **Fair** [LMCV13]. **Fairness**  
 [GWM07, LY16]. **Falcon** [CNS16a]. **false**  
 [BCVT13]. **Far** [WZW<sup>+</sup>24]. **FASA**  
 [DQCK24]. **FASA-DRAM** [DQCK24].  
**Fast** [ADGA20, BC13, BNS<sup>+</sup>21, CSSU21, CTY<sup>+</sup>23, CCPG13, DWF<sup>+</sup>23, FPK<sup>+</sup>24, KCP13, KVH23, KHW<sup>+</sup>05, MKKE15, NRQ16b, NTG13, PRMH13, SCMU22, SZJK18, SNK<sup>+</sup>23, WLJ<sup>+</sup>24, XZW<sup>+</sup>22, LMJ13a, SPGE06, TDG13].  
**Fast-Drift-Aware** [SZJK18]. **Fastensor**  
 [WZWW23]. **Faster** [PCM16]. **fat**  
 [BRSJG12, PRMH13]. **fat-trees** [BRSJG12].  
**Fault** [CEP<sup>+</sup>16, PHBC17, RHLA14, TCR<sup>+</sup>22, WDW<sup>+</sup>22, RCV<sup>+</sup>05]. **Faults**  
 [SDK<sup>+</sup>22, BSO07, SSC<sup>+</sup>13]. **FaultSim**  
 [NRQ16b]. **Feature** [TKM14, LBO14].  
**Features** [YHYBAM20]. **Federation**  
 [BTS10]. **Feedback**  
 [CDM13, NED<sup>+</sup>13, ZWS<sup>+</sup>16, WM10].  
**Feedback-directed** [NED<sup>+</sup>13, WM10].  
**Feedback-Driven** [ZWS<sup>+</sup>16, CDM13].  
**Fence** [MNSC16]. **fetch**  
 [EE09, GWS13, JLER12, SRLPV04]. **FFT**  
 [GS12, ZLM<sup>+</sup>23]. **File** [MP22, TS15,

VZS<sup>+18</sup>, YBSY19, GKP14, SJV08]. **Files** [LZM14, YWXW12]. **Filter** [SWO21, BSWLE13]. **Filtering** [LLW22, ZCCD16]. **Filters** [WWY<sup>+24</sup>]. **Financial** [ABB<sup>+16</sup>]. **Finding** [PJ13]. **Fine** [ACG24, ANS<sup>+22</sup>, AZG17, BSSS14, CS21, CSRP22, EE11, GWZ22, HYYBM16, MG19, MPW<sup>+17</sup>, OBdOJ<sup>+24</sup>, SSS<sup>+24</sup>, TKM14, WM11, YEI<sup>+14</sup>, LT13]. **Fine-Grain** [AZG17, HYYBM16, ACG24, ANS<sup>+22</sup>]. **Fine-Grained** [BSSS14, CS21, GWZ22, MG19, MPW<sup>+17</sup>, OBdOJ<sup>+24</sup>, YEI<sup>+14</sup>, CSRP22, EE11, SSS<sup>+24</sup>, WM11, LT13]. **Finite** [LVR<sup>+15</sup>, VW11]. **FinPar** [ABB<sup>+16</sup>]. **Fire** [YXMC23]. **First** [Lou19, OAM19]. **Fixed** [DNS<sup>+24</sup>, CS13]. **Fixed-point** [DNS<sup>+24</sup>, CS13]. **FLARES** [DGI<sup>+14</sup>]. **Flash** [DGI<sup>+14</sup>, LCW<sup>+24</sup>, LYLS24, SZJK18, ZWL<sup>+19</sup>]. **Flash-Based** [LYLS24]. **FlexHM** [PDY<sup>+23</sup>]. **Flexible** [CC13, CSRP22, PDY<sup>+23</sup>, SNK<sup>+23</sup>, ZC20, OAB12, SHC13, ZZQ<sup>+05</sup>]. **FlexPointer** [CTY<sup>+23</sup>]. **FlexSig** [OAB12]. **Flexextended** [ZC20]. **flight** [SSH<sup>+13</sup>]. **Floating** [ASS17, BWG<sup>+12</sup>, CS13]. **floating-** [CS13]. **Floating-Point** [ASS17, BWG<sup>+12</sup>]. **Flow** [BRJM15, CWW<sup>+16</sup>, DMR<sup>+16</sup>, GAM12, HAC13, LY16, MMT<sup>+12</sup>, SMK15, FSYA09, JA14, KHL<sup>+13</sup>, MBKM12, Nas13, PC13, TG07]. **Flow-Based** [LY16]. **flow-sensitive** [Nas13]. **FlowPix** [CGP23]. **FluidCheck** [KS16]. **fly** [VHKP11, WWY<sup>+12</sup>]. **Flynn** [TWB21]. **Focal** [DSK19]. **Focal-Plane** [DSK19]. **Footprint** [KDMA23]. **Forest** [ELE<sup>+23</sup>]. **form** [PBCB22]. **Format** [BJWS18]. **Formation** [HWL<sup>+19</sup>, KTAE16, FSYA09]. **Formulating** [MAN<sup>+08</sup>]. **Forward** [LNFE22]. **Forwarding** [SL20]. **Four** [TDO16a]. **FPDetect** [DKB<sup>+20</sup>]. **FPGA** [Abd20, CS13, CWW<sup>+16</sup>, CSRP22, CGP23, CDPD13, MTK18, MRK<sup>+22</sup>, MTPK24, OLK<sup>+23</sup>, SNK<sup>+23</sup>]. **FPGA-based** [SNK<sup>+23</sup>, MTK18, MRK<sup>+22</sup>, OLK<sup>+23</sup>]. **FPGA-processor** [CS13]. **FPGAs** [BHWN21, FBWS13, GNB08, JOB<sup>+22</sup>, KFJ20, PI12, WZZ<sup>+20</sup>, XLH<sup>+24</sup>]. **fractal** [JYJ<sup>+13</sup>]. **fractal-based** [JYJ<sup>+13</sup>]. **Fraction** [SPS17]. **frame** [GK13]. **frame-based** [GK13]. **Framework** [ASS17, AMP<sup>+16</sup>, FYI<sup>+24</sup>, GTT<sup>+16</sup>, GáSÁ<sup>+16</sup>, HDW21, KKL<sup>+24</sup>, KPP<sup>+15</sup>, LAS<sup>+13</sup>, LSC<sup>+15</sup>, MLC<sup>+23</sup>, OLK<sup>+23</sup>, PLLW24, PWPD19, SYE19, SMM<sup>+23</sup>, SAL19, WMGS19, WPR<sup>+22</sup>, WWGS22, WYZ<sup>+23</sup>, XYY<sup>+24</sup>, ZLYZ16, ZFT<sup>+18</sup>, ZLYW18, ZLM<sup>+23</sup>, AS13, BCVN10, CS10, DJX13, HEL<sup>+09</sup>, KKM<sup>+13</sup>, LCC11, LCH<sup>+04</sup>, LFC13, LHWB12, PGB13, YXK<sup>+12</sup>]. **Frameworks** [WWW<sup>+21</sup>]. **Franca** [MLB<sup>+23</sup>]. **Free** [CHD<sup>+23</sup>, LLC22, MNSC16, YPT<sup>+16</sup>, BRSJG12, GS12, WZZ<sup>+20</sup>]. **Frequency** [BHC<sup>+16</sup>]. **Friendly** [LLW<sup>+22</sup>, CRSP09]. **Front** [ZJJ<sup>+15</sup>]. **Front-End** [ZJJ<sup>+15</sup>]. **FSM** [SQZK20]. **FTL** [HWJ<sup>+15</sup>]. **Full** [HHC<sup>+16</sup>, MMT<sup>+12</sup>, SWF16, TKKM15]. **Full-System** [SWF16]. **Fully** [HWJ<sup>+15</sup>, BRSJG12]. **Function** [SKPD19]. **Functional** [GáSÁ<sup>+16</sup>, SJD22, GÁSÁ<sup>+13</sup>, YCCY11]. **Functions** [HLSK22, SSRS15, HWX<sup>+13</sup>, LDG<sup>+13</sup>]. **fundamental** [VE13]. **Fuse** [NDP17]. **Fused** [VPTS19]. **Fusing** [VPTS19, WM10]. **Fusion** [PSL<sup>+23</sup>, SSS<sup>+24</sup>]. **Future** [GB06, MMS15, DXMJ11, LMJ13a]. **Gadgets** [JCG<sup>+24</sup>]. **Gain** [SSP<sup>+23</sup>]. **Gaming** [QYZ<sup>+14</sup>, RSU<sup>+20</sup>, UPR22]. **GAN** [WDW<sup>+22</sup>]. **gap** [HCC<sup>+14</sup>]. **Garbage** [ASV<sup>+16</sup>]. **Gated** [CS21, LZM14]. **gather** [Pro21]. **Gating** [KMG14, ZCF18, WYCC11, YCCY11]. **GC** [SLS<sup>+21</sup>, YXS<sup>+22</sup>]. **GC-Triggered** [YXS<sup>+22</sup>]. **Gem5** [QSZ<sup>+21</sup>]. **Gem5-X** [QSZ<sup>+21</sup>]. **GEMM** [SLJ<sup>+19</sup>]. **General** [CAMJ15, SW17a, SDZ<sup>+21</sup>, SMN22,

XHL<sup>+24</sup>, LHY<sup>+06</sup>]. **General-Purpose** [CAMJ15, SDZ<sup>+21</sup>]. **Generalized** [FDF<sup>+14</sup>, GGK18, KKL<sup>+24</sup>, LCW<sup>+23</sup>, SDH<sup>+15</sup>]. **Generalizing** [Jim09]. **generate** [KBR<sup>+13</sup>]. **Generating** [AZG17, RHC15]. **Generation** [BDB<sup>+20</sup>, DSK19, CDM<sup>+22</sup>, HEMK17, JCG<sup>+24</sup>, TPB24, ZPH<sup>+23</sup>, GNB08, HLR<sup>+13</sup>, JLER12, LBO14, LHY<sup>+06</sup>, VJC<sup>+13</sup>]. **Generator** [KL19, PAVB15]. **Generic** [WMGS19]. **GenMatcher** [WMGS19]. **Genome** [FPK<sup>+24</sup>]. **geometry** [CNA<sup>+22</sup>]. **Getting** [MWJ19]. **GiantVM** [JZY<sup>+22</sup>]. **Global** [CCL<sup>+13</sup>, MPPS18, BZS13]. **GNN** [RJK24]. **good** [PJ13]. **Governors** [SW17b]. **GP** [LRBG15, MYG15, MYKG16]. **GP-GPUs** [LRBG15]. **GP-SIMD** [MYKG16]. **GPGPU** [BGG<sup>+15</sup>, HLSW17, MBKM12, YXK<sup>+12</sup>]. **GPGPUs** [ZJJ<sup>+15</sup>]. **gPPM** [LCW<sup>+23</sup>]. **GPU** [ADGA20, BJWS18, BNS<sup>+21</sup>, DS16, FBC<sup>+22</sup>, GGYK19, GMZ<sup>+21</sup>, HLR<sup>+13</sup>, HZC<sup>+23</sup>, HDW21, JED19, JGSM15, JML<sup>+20</sup>, KPRK20, KHN<sup>+18</sup>, LCP<sup>+21</sup>, LHC<sup>+17</sup>, LWS<sup>+19</sup>, LMZ18, LWL18, LDMZ19, LAAMJ15, LFK19, LFC13, QYZ<sup>+14</sup>, RB13, SEF<sup>+19</sup>, SNN<sup>+19</sup>, TBC<sup>+12</sup>, VC16, VZT<sup>+20</sup>, VZS<sup>+18</sup>, WGO15, WWL<sup>+21</sup>, WPR<sup>+22</sup>, WDK<sup>+24</sup>, WZWW23, ZPL<sup>+21</sup>, ZNTJE23, ZSLX13, ZLM<sup>+23</sup>, vdVSAAS20]. **GPU-Accelerated** [ZPL<sup>+21</sup>, GMZ<sup>+21</sup>, JED19]. **GPU-Based** [WGO15, JML<sup>+20</sup>]. **GPUs** [ASH20, ACGH24, ASS17, CNA<sup>+22</sup>, CSK19, DS16, DHX<sup>+22</sup>, DJZ<sup>+23</sup>, DNT16, FSX<sup>+24</sup>, FBWS13, GWZ22, JAK17, JFK20, KR19, KVH23, LRBG15, LGH<sup>+21</sup>, MKS22, NSF<sup>+21</sup>, NC15, PL23, SHLM14, FCVR24, SSB<sup>+20</sup>, TAB<sup>+21</sup>, WYCC11, WCW<sup>+24</sup>, WLLW20, XSF<sup>+23</sup>, YBSY19, ZSM<sup>+16</sup>]. **gradient** [HAJ<sup>+12</sup>]. **gradient-based** [HAJ<sup>+12</sup>]. **Gradients** [FWJ<sup>+16</sup>]. **Grain** [AZG17, HYYBM16, LMSE18, MAD17, ACG24, ANS<sup>+22</sup>]. **Grained** [BSSS14, CS21, GWZ22, MG19, MPW<sup>+17</sup>, OBdOJ<sup>+24</sup>, TD16, YEI<sup>+14</sup>, CSR22, EE11, KCP13, LT13, SSS<sup>+24</sup>, WM11]. **GRAM** [HDW21]. **Granularity** [DRHK15, NRQ16a, TKM14]. **Graph** [CNS16a, HLZ<sup>+24</sup>, KPP21, KKAR16, LZZ<sup>+22</sup>, LGH<sup>+21</sup>, MST<sup>+21</sup>, RJK24, TPB24, TAB<sup>+21</sup>, WZZ<sup>+20</sup>, WWL<sup>+21</sup>, YWXW12, YZZ<sup>+23</sup>, ZPL<sup>+21</sup>, ZZH<sup>+23</sup>, ZLJ18, DS12, LFX09]. **Graph-Based** [TAB<sup>+21</sup>]. **GraphAttack** [MST<sup>+21</sup>]. **GraphBLAS** [MAY23]. **Graphics** [ASS17, FSYA09, ZSLX13]. **GraphPEG** [LGH<sup>+21</sup>]. **Graphs** [BRJM15, Lee16, RHC15, VZT<sup>+20</sup>, VGX16, BZS13, DDU12, MG13]. **GraphSER** [LK24]. **GraphTune** [ZZH<sup>+23</sup>]. **Gretch** [KPP21]. **Grouping** [LGH24]. **Grus** [WWL<sup>+21</sup>]. **gshare** [TS05]. **Guarded** [PS15]. **Guidance** [OKJ<sup>+22</sup>]. **Guided** [GTT<sup>+16</sup>, HWL<sup>+19</sup>, YHYBAM20, CS13, LZL<sup>+13</sup>, RCG<sup>+10b</sup>, SSU<sup>+13</sup>]. **Hadoop** [KHS<sup>+14</sup>]. **HAIR** [MP22]. **Halide** [SSW<sup>+19</sup>, SSB<sup>+20</sup>, VCJ<sup>+17</sup>]. **halting** [ZVYN05]. **Halving** [MP22]. **Hammer** [GBD21]. **Hamming** [CVB15]. **handling** [HWM14, HWH<sup>+11</sup>, LWH11]. **HAP** [WJXC17]. **Hard** [DPBI<sup>+19</sup>, BSO07]. **hardened** [PKL<sup>+24</sup>]. **Hardening** [PHBC17]. **Hardware** [BGG<sup>+15</sup>, BOEN23, BAZ<sup>+19</sup>, CDPN16, DHK18, DPBI<sup>+19</sup>, DD16, ELE<sup>+23</sup>, ICEDR24, JDZ<sup>+13</sup>, KPP21, KAC15, LMJ<sup>+13b</sup>, LGH24, MMGS21, NDP17, OK21, PVA<sup>+17</sup>, PLK<sup>+19</sup>, PKL<sup>+24</sup>, RHLA14, RAF22, SBC<sup>+22</sup>, SKAEG16, SDK<sup>+22</sup>, SWF16, TGAG<sup>+12</sup>, USCM16, WCI<sup>+16</sup>, WZY<sup>+24a</sup>, WZY<sup>+24b</sup>, ZHS<sup>+19</sup>, ZLC<sup>+15</sup>, ZSM<sup>+16</sup>, Abd20, ATGN<sup>+13</sup>, CS10, CI13, FSYA09, GNB08, HCC<sup>+14</sup>, MMdS06, OAB12, RLS13, RPE12, YJTF13, ZSCM08]. **Hardware-Accelerated** [SWF16]. **Hardware-Assisted** [CDPN16, JDZ<sup>+13</sup>]. **Hardware-aware** [BOEN23]. **Hardware-Based** [ZLC<sup>+15</sup>, ZSM<sup>+16</sup>].

**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, DJX13]. **Hierarchy** [AYC16, ELE+23, SSP+23, ZDC+16, ZSM+16]. **High** [CAY+18, CHE+14, DKK+21, CHD+23, CAMJ15, GGK18, JED19, LNFE22, LDY+21, LL22, ME17, MLB+23, MPU+23, MN24, OBdOJ+24, OK21, SAG22, SWU+15, SSP+23, SLJ+19, TCS16, THA+21, TKM14, UDLD20, USCM16, WZZ+20, WWL+21, YRGES+19, ASK13, BCVN10, CK11, CDM13, GW08, KBR+13, OGK+12, SRLPV04, SD12, ZVYN05]. **High-dimensional** [LL22]. **High-Efficiency** [CAMJ15]. **High-Level** [CHE+14, UDLD20, BCVN10]. **High-Order** [CAY+18]. **High-Performance** [DKK+21, GGK18, LNFE22, OBdOJ+24, SLJ+19, TKM14, USCM16, CHD+23, JED19, MLB+23, SSP+23, THA+21, WZZ+20, WWL+21, YRGES+19, CK11, CDM13, GW08, KBR+13, SRLPV04, SD12, ZVYN05]. **High-radix** [LDY+21, ASK13]. **High-Throughput** [SAG22, OGK+12]. **Higher** [SJD22]. **Higher-Level** [SJD22]. **Highly** [JYM20, MFSK24, TMP16, TPN+20, ZLM+23]. **Histogram** [FWJ+16]. **hits** [CA11]. **HMTT** [HCC+14]. **Holistic** [CHD+23, LD24, OLK+23]. **Homogeneous** [CC18]. **Hopping** [MSFC21]. **hosted** [SYZZ+14]. **HotSpot<sup>TM</sup>** [KWM+08]. **HPar** [ZBH+13]. **HPC** [ACA+19, DVG+23, MP13, MKC+22, PLT+15, SLJ+18, ZPR+17]. **HPCG** [AYL+18]. **HRF** [GHH15]. **HRF-Relaxed** [GHH15]. **HTML** [ZBH+13]. **HTML5** [NKH16]. **HW** [KMG14, LYK+15, TS15]. **HW/SW** [KMG14]. **Hybrid** [BR13, CKPH19, CA11, DXMJ11, HWJ+15, HLZ+24, JYE+16, KAC+18, LYLS24, QAT24, SSP+23, WLL+19, WJXC17, YRGES+19, CS13, CKL+24, DZC+13, HCC+14, MMdS06, RBM10, WLZ+10]. **Hybrid-Memory-Aware** [WJXC17]. **HyGain** [SSP+23]. **Hypervisor** [JZY+22].  
**I-Cache** [ZWY17]. **I/O** [DCP+12, RHLA14, SLS+21, WLX24, WZWW23]. **IATAC** [AGVO05]. **Identification** [WCI+16]. **Idiom** [KKM+13, TWB21]. **Idioms** [DKK+21]. **Idle** [SEF+19, WWY+24, WFKL10]. **Idle-Time-Aware** [SEF+19]. **IEEE** [LDG+13]. **IEEE-754** [LDG+13]. **ILP** [SNL+04]. **Image** [CGP23, LSH+23, PBY+17, CI13]. **Imaging** [VCJ+17]. **Imbalanced** [Pro21]. **Immersion** [MBLK24]. **Immersion-Cooled** [MBLK24]. **Impact** [BCVN10, CCM+16, JRK16, FCVR24, SMK15, ZCDD23, RGG+12, SSC+13]. **Impactful** [YHYBAM20]. **implants**

[SSPL<sup>+</sup>13]. **Implement** [VOK<sup>+</sup>22].  
**Implementation**  
 [BGG<sup>+</sup>15, MAY23, CDPD13, LHZ13, PLL10, SSS<sup>+</sup>04, ZK05, AvRF07]. **Implementing**  
 [CWW<sup>+</sup>16, JSM<sup>+</sup>04, MAN<sup>+</sup>08, OAB12].  
**Implications**  
 [CVB15, HYYBM16, KAC15, LS10].  
**Implicit** [BWLR06]. **Improve**  
 [CSK19, CDM<sup>+</sup>22, LMZ18, OTR<sup>+</sup>18, VCJ<sup>+</sup>17, ATGN<sup>+</sup>13, BSWLE13, KGK10, LBJ05, LZ12, MG12, RWY13, SPS12].  
**Improved** [BCVT13, GMGZP14, NB13, VZS<sup>+</sup>18, ZJJ<sup>+</sup>15]. **Improvement**  
 [SKKB18]. **Improvements**  
 [LBM13, PM17, SPM17]. **Improving**  
 [AJK<sup>+</sup>12, CAGS17, CSW<sup>+</sup>23, CG15b, DHK18, DJZ<sup>+</sup>23, FLW<sup>+</sup>24, HWJ<sup>+</sup>15, HLSW17, JHHM21, JK17, KLMP12, LGP<sup>+</sup>16, LMSE18, LYH16, LAAMJ15, OAM19, RJSA18, SL20, YBSY19, ZFT<sup>+</sup>18, ZWHM05]. **In-bounds** [JRH21].  
**In-DRAM** [XGD<sup>+</sup>23]. **in-flight** [SSH<sup>+</sup>13].  
**In-Memory**  
 [BAZ<sup>+</sup>19, WZG<sup>+</sup>19, YSH<sup>+</sup>22, ZLYW18].  
**In-Order**  
 [BEE15, MST<sup>+</sup>21, MAD17, SPH<sup>+</sup>17, BB04].  
**in-order/out-of-order** [BB04]. **in-place**  
 [GS12]. **In-storage-processing** [KKL<sup>+</sup>24].  
**inclusive** [AIVL13, TKJ13]. **Increasing**  
 [TZK18]. **independent** [BVIB12]. **Index**  
 [WDS<sup>+</sup>24]. **indexing** [TS05]. **Indirect**  
 [CSY20, DGGL16, XVT20, XHL<sup>+</sup>24, HWH<sup>+</sup>11, MG12]. **indirections**  
 [AFD07, AFD12]. **Industrial** [GHH15].  
**Ineffective** [WLX24]. **Infer** [UJW15].  
**Inference** [CSRP22, DJZ<sup>+</sup>23, JHH<sup>+</sup>23, SCK<sup>+</sup>21, WYZ<sup>+</sup>23, LB10]. **Inflation**  
 [XYY<sup>+</sup>24]. **Influence** [ZWS<sup>+</sup>16].  
**Information** [GAM12, KHL<sup>+</sup>13, MMT<sup>+</sup>12, SM19, SAT20, LMJ13a, VSP<sup>+</sup>12]. **Informed**  
 [CSY20, SYX<sup>+</sup>15]. **Infrastructures**  
 [FCD<sup>+</sup>17]. **Innovative** [BKM<sup>+</sup>17]. **Input**  
 [LDY<sup>+</sup>21]. **inputs** [BE13]. **Insights**  
 [YHYBAM20]. **Instruction** [AGG22, CSK19, HNKK17, JHQ23, KBB<sup>+</sup>14, SPGE06, SKPD19, SGM<sup>+</sup>22, TCS20, XYY<sup>+</sup>24, ZCDD23, ACGK04, BVIB12, BR13, CS10, CSVM04, GWS13, HL07, KS11, SSR13, VS11, XL07, ZHD<sup>+</sup>04, ZK06].  
**Instruction-Level** [HNKK17].  
**instructions** [MG12, RFD13, SHC13].  
**Instrumentations** [JRH21].  
**Instrumented** [SGS<sup>+</sup>20]. **Integer**  
 [ÄJE<sup>+</sup>16, MP22, SLM12, BWG<sup>+</sup>12].  
**Integrated**  
 [DJC16, LYK<sup>+</sup>15, PG17, SKP<sup>+</sup>22, SPH<sup>+</sup>17, TPN<sup>+</sup>20, VFJ<sup>+</sup>17, YJTF13]. **Integrating**  
 [WSJ<sup>+</sup>21, WTF014, XZW<sup>+</sup>22]. **Integration**  
 [JDZ<sup>+</sup>13]. **Integrity** [KK15]. **Intel** [Akr21].  
**Intelligent** [SJC<sup>+</sup>21, TBC<sup>+</sup>12]. **Intensity**  
 [LVR<sup>+</sup>15, SLS<sup>+</sup>21]. **Intensity-aware**  
 [SLS<sup>+</sup>21]. **Intensive**  
 [RHLA14, ZX19, YLTL04]. **Inter**  
 [HAM<sup>+</sup>20, LBM13, TC07]. **Inter-cluster**  
 [TC07]. **Inter-Core** [LBM13]. **Inter-kernel**  
 [HAM<sup>+</sup>20]. **Interaction** [FBHN04].  
**Interactions** [EPS17]. **Interactive**  
 [MPHL22, RSU<sup>+</sup>20]. **Intercepting**  
 [SSRS15]. **Intercommunication**  
 [TMP16, MP13]. **Interconnect** [BKM<sup>+</sup>17].  
**interconnection** [SMK10, SEP07].  
**Interconnects**  
 [DH16, YRGES<sup>+</sup>19, XCC<sup>+</sup>13]. **Interface**  
 [WDX24, XVT20, ZSLX13]. **Interference**  
 [KLA<sup>+</sup>19]. **interferences** [LCL<sup>+</sup>14].  
**Interleaved** [AMG16, ZLWS24].  
**Interleaving** [WWC<sup>+</sup>16]. **Intermediate**  
 [JML<sup>+</sup>20, LHC<sup>+</sup>24, RJSA18].  
**Intermediate-oriented** [JML<sup>+</sup>20].  
**Intermittent** [BSG23]. **Internal** [HWJ<sup>+</sup>15].  
**Internet** [AVG12]. **Interposer** [CWK<sup>+</sup>24].  
**Interposer-based** [CWK<sup>+</sup>24]. **Interpreter**  
 [ZXX23, RWY13]. **interpreters** [SYZZ<sup>+</sup>14].  
**interprocedural** [SV05]. **Intersection**  
 [MPHL22]. **Interval** [SKP<sup>+</sup>22, SV05]. **Intra**  
 [MKC<sup>+</sup>22]. **Intra-rack** [MKC<sup>+</sup>22].  
**Intraprogram** [XMM04]. **Intrinsic**  
 [JRK16]. **Introduction**

[CT04, CT05, CT06, CT07, SD12]. **intrusion** [TBS06]. **Intrusive** [FPMR21]. **IOV** [DCP<sup>+</sup>12]. **IP** [Bis21, WYJL10]. **IR** [GMZ<sup>+</sup>21, SJD22]. **Irregular** [KPM21, LWS<sup>+</sup>19, MN24, RMA14, SN17, AFD12]. **Irregularity** [ZZH<sup>+</sup>23]. **ISA** [CG14, FSP<sup>+</sup>23, SHC13, VE13]. **ISAs** [PS15]. **Isolating** [MTPK24]. **Isolation** [LDC15, OK21, QYZ<sup>+</sup>14, SSH19]. **Isolation-based** [OK21]. **ISP** [KKL<sup>+</sup>24]. **Issue** [DD16, MMS15, BB04, CDM13, GWS13, PI12, SD12]. **iSwap** [WLX24]. **ITAP** [SEF<sup>+</sup>19]. **Iteration** [WWC<sup>+</sup>16, ZPH<sup>+</sup>23]. **Iterative** [CNS<sup>+</sup>16b, FXC<sup>+</sup>15, GGS<sup>+</sup>17, GGS<sup>+</sup>19, KFJ20, LLLW22, SYE19, CFH<sup>+</sup>12]. **IVR** [ZZL<sup>+</sup>21]. **IVR-assisted** [ZZL<sup>+</sup>21].

**Java** [HWM14, KWM<sup>+</sup>08, LBJ05, VED07, WHV<sup>+</sup>13, YKM17, YLW08]. **JavaScript** [MGI15, NKH16, PCM16, PKPM19]. **JIT** [HWM14, JK13, JCG<sup>+</sup>24, NED<sup>+</sup>13]. **JiuJITsu** [JCG<sup>+</sup>24]. **Job** [CSW<sup>+</sup>23, PLLW24, EE12]. **Joint** [RAF22, TS15, LGAZ07]. **Jointly** [CSW<sup>+</sup>23]. **jump** [MG12]. **Just** [HZN<sup>+</sup>22, KHL<sup>+</sup>13]. **Just-In-Time** [HZN<sup>+</sup>22, KHL<sup>+</sup>13]. **JVM** [SYZZ<sup>+</sup>14].

**Kernel** [CRBP24, DSK19, LP17, LDMZ19, MSFC21, PSL<sup>+</sup>23, SNN<sup>+</sup>19, HAM<sup>+</sup>20]. **KernelFaRer** [DKK<sup>+</sup>21]. **Kernels** [BNS<sup>+</sup>21, LCP<sup>+</sup>21, TPB24, VZT<sup>+</sup>20, WLLW20]. **Key** [CSSU21]. **Key-Value** [CSSU21]. **kilo** [CSVM04]. **kilo-instruction** [CSVM04]. **Knowledge** [WZY<sup>+</sup>24a]. **Knowledge-Augmented** [WZY<sup>+</sup>24a].

**L1** [HK14, LZL<sup>+</sup>13]. **L2** [AGVO05, CST<sup>+</sup>06, SLP08, SBC05]. **L2-miss-driven** [SLP08]. **Label** [LWW<sup>+</sup>24]. **Lane** [WWC<sup>+</sup>16]. **Language** [CNS16a, SNK<sup>+</sup>23]. **Languages** [DHD<sup>+</sup>14, YKM17, NED<sup>+</sup>13]. **LAPPS** [KFEG18]. **Large** [HZC<sup>+</sup>23, NRQ16a, PLLW24, SKH<sup>+</sup>16, XLH<sup>+</sup>24, YGB21, ZPL<sup>+</sup>21, ZLM<sup>+</sup>23, KWCL09, RCV<sup>+</sup>12, SMK10]. **Large-Scale** [PLLW24, SKH<sup>+</sup>16, ZPL<sup>+</sup>21, ZLM<sup>+</sup>23, HZC<sup>+</sup>23, RCV<sup>+</sup>12, SMK10]. **Large-Tiling** [XLH<sup>+</sup>24]. **LargeGraph** [ZPL<sup>+</sup>21]. **Last** [CPS<sup>+</sup>15, LBM13, PLK<sup>+</sup>19, WSJ<sup>+</sup>21, WDX14, WJXC17, AGI<sup>+</sup>12, AIVL13, VSP<sup>+</sup>12, ZDC<sup>+</sup>12]. **Last-Level** [CPS<sup>+</sup>15, LBM13, WSJ<sup>+</sup>21, WDX14, WJXC17, PLK<sup>+</sup>19, AGI<sup>+</sup>12, AIVL13, VSP<sup>+</sup>12, ZDC<sup>+</sup>12]. **Latency** [BAZ<sup>+</sup>19, DQCK24, HAM17, HK14, KCA<sup>+</sup>13, PM17, RKL23, SLS<sup>+</sup>21, LZS<sup>+</sup>24, MP13, SW13, WYJL10, YLTL04]. **Latency-Tolerant** [HAM17]. **Lattice** [CG15b, PAVB15]. **Lattice-Based** [CG15b]. **Lattice-Boltzmann** [PAVB15]. **Lavender** [PLLW24]. **Law** [DSH<sup>+</sup>18]. **Layer** [ERAG<sup>+</sup>16, JML<sup>+</sup>20, JLJ<sup>+</sup>18a, LGP<sup>+</sup>16, OTR<sup>+</sup>18, WAST16, VOK<sup>+</sup>22]. **Layer-adaptive** [JML<sup>+</sup>20]. **Layer-Centric** [JLJ<sup>+</sup>18a]. **Layers** [VZT<sup>+</sup>20]. **Layout** [ACGH24, CYXF13, RAF22, WG17, ZLWS24]. **Layout-oblivious** [CYXF13]. **Layouts** [BSL17]. **Layup** [JML<sup>+</sup>20]. **LD** [LHC<sup>+</sup>17]. **LDAC** [SKH<sup>+</sup>16]. **LDPC** [LCW<sup>+</sup>24]. **Leakage** [Bis21, CS21, JFK20, HL07, MSK05]. **Learned** [WDS<sup>+</sup>24]. **Learning** [ABP<sup>+</sup>17, CKP<sup>+</sup>22, DLS22, JPS17, JLJ<sup>+</sup>18a, LSL20, LLLW22, LSH<sup>+</sup>23, MCB<sup>+</sup>12, QAT24, RSK<sup>+</sup>18, WWW<sup>+</sup>21, WZWW23, XDXL19, XDW<sup>+</sup>23, DJB13, LBO14, SPS12, TR13, WO13, WTF014]. **Learning-Based** [JPS17]. **Leases** [RGK<sup>+</sup>23]. **Leasing** [DCL<sup>+</sup>22]. **Legacy** [MNSC16]. **legalization** [BR13]. **Leighton** [WDK<sup>+</sup>24]. **Less** [ZPR<sup>+</sup>17, RJK24]. **Level** [BGG<sup>+</sup>15, CHE<sup>+</sup>14, CPS<sup>+</sup>15, GMZ<sup>+</sup>21, HNKK17, HK14, JYE<sup>+</sup>16, LCS<sup>+</sup>19, LIS20, LMZ18, LBM13, MGI15, PLT<sup>+</sup>15, RLBBN15, SJD22, SWU<sup>+</sup>15, UDLD20,

WSJ<sup>+21</sup>, WDX14, WJXC17, AGI<sup>+12</sup>, AIVL13, BCVN10, EE09, GMW09, GPL<sup>+05</sup>, HLSK22, LZW23, LCL<sup>+14</sup>, Lou19, PLK<sup>+19</sup>, PCT12, SDK<sup>+22</sup>, TMSR23, VSP<sup>+12</sup>, YBSY19, ZDC<sup>+12</sup>, ZZL<sup>+21</sup>. **Level-1** [HK14]. **Leveling** [JDZ<sup>+13</sup>]. **Levels** [RJSA18, RCV<sup>+12</sup>, SLA<sup>+07</sup>]. **Leveraging** [AGG22, GAM12, KS21, LMJ13a, NZ15, SHLM14, SMN22]. **Liberalization** [MY16]. **libraries** [BCM11]. **Library** [DKK<sup>+21</sup>, FDF<sup>+14</sup>]. **Library-Based** [FDF<sup>+14</sup>]. **Lifetime** [PM17, SPM17, TZK18, XC06]. **Lift** [SHS<sup>+20</sup>]. **LIGERO** [APG13]. **Light** [CBD15, APG13]. **Lightweight** [DT17, SLJ<sup>+18</sup>, WLL<sup>+19</sup>, ZMLL24, BWG<sup>+12</sup>, DMG13, LNLK13]. **like** [Mic18]. **limitation** [DZC<sup>+13</sup>]. **Limitations** [JRK16]. **limited** [CZ07]. **limits** [JOA<sup>+09b</sup>, MBKM12, MSK05]. **line** [WDXJ14]. **Linear** [ÄJE<sup>+16</sup>, APG<sup>+23</sup>, MG19, MG20]. **lines** [AGVO05]. **Lingua** [MLB<sup>+23</sup>]. **Linked** [IPSD21, FLG12]. **Links** [ACA<sup>+19</sup>]. **List** [Aca16, Ano13a, Ano15, Bil19]. **LiteCON** [DLS22]. **Live** [ZPR<sup>+17</sup>]. **liveness** [BZS13, DDU12]. **LLC** [FQRG13, VPTS19, ZCF18]. **LLC-memory** [FQRG13]. **LLVM** [DAP<sup>+15</sup>]. **LLVM-Based** [DAP<sup>+15</sup>]. **Load** [OAM19, PGB16]. **Load-Balancing** [PGB16]. **Loading** [PCM16]. **Loads** [YPT<sup>+16</sup>]. **Local** [LVR<sup>+15</sup>, XZW<sup>+22</sup>, DHC<sup>+13</sup>]. **Locality** [ASK<sup>+16</sup>, CG15a, KFEG18, SKH<sup>+16</sup>, SL20, TAB<sup>+21</sup>, UPR22, YDS<sup>+19</sup>, ZCQ<sup>+19</sup>, AIVL13, FER<sup>+13</sup>]. **Locality-Aware** [CG15a, KFEG18, SKH<sup>+16</sup>, UPR22, SL20]. **Localization** [CEP<sup>+16</sup>, WZY<sup>+24a</sup>, WZY<sup>+24b</sup>]. **located** [LZW23, SOAK23]. **location** [KHN<sup>+18</sup>, YLW08]. **Lock** [CHD<sup>+23</sup>, CWCS13]. **Lock-contention-aware** [CWCS13]. **Lock-Free** [CHD<sup>+23</sup>]. **Locking** [ZWY17]. **Locus** [DVG<sup>+23</sup>]. **Logarithmic** [AGG21]. **Long** [SLS<sup>+21</sup>]. **Long-tail** [SLS<sup>+21</sup>]. **Look** [HZN<sup>+22</sup>]. **Lookups** [CSSU21]. **Loop** [ASP17, CZGC20, JK17, LVR<sup>+15</sup>, MN24, PHBC17, BCVT13, NCC13, SHLM14, SLM12, YZL<sup>+10</sup>]. **loop-dependent** [YZL<sup>+10</sup>]. **Loops** [CNS<sup>+16b</sup>, CLA<sup>+19</sup>, KFJ20, RGK<sup>+23</sup>, SN17, SRC16, JSL13, KLMP12, RTG<sup>+07</sup>]. **Low** [AGG21, AGG22, BGG<sup>+15</sup>, CAMJ15, DJL<sup>+12</sup>, ESB<sup>+20</sup>, GG18, GáSÁ<sup>+16</sup>, GDL16, KBB<sup>+14</sup>, KDMA23, LNFE22, LGP<sup>+16</sup>, LHC<sup>+17</sup>, Lou19, LZS<sup>+24</sup>, OK21, PLK<sup>+19</sup>, RTK15, SBC<sup>+22</sup>, SSW16, SLS<sup>+21</sup>, SW13, SWU<sup>+15</sup>, WLJ<sup>+24</sup>, YEI<sup>+14</sup>, AGI<sup>+12</sup>, BB04, CCZ13, GKP14, MA08, SRLPV04, SAM<sup>+23</sup>, ZVYN05]. **Low-Complexity** [LNFE22, DJL<sup>+12</sup>, SRLPV04]. **Low-Cost** [KBB<sup>+14</sup>, SSW16, YEI<sup>+14</sup>, SBC<sup>+22</sup>, AGI<sup>+12</sup>, MA08]. **low-energy** [GKP14, ZVYN05]. **Low-latency** [LZS<sup>+24</sup>, SW13]. **Low-Level** [BGG<sup>+15</sup>, Lou19]. **Low-Overhead** [GDL16, LHC<sup>+17</sup>]. **Low-Power** [CAMJ15, GáSÁ<sup>+16</sup>, AGG22, PLK<sup>+19</sup>, BB04, CCZ13]. **Low-precision** [AGG21]. **Lower** [ESR<sup>+15</sup>]. **lowering** [SSU<sup>+13</sup>]. **LP** [GFD<sup>+14</sup>]. **LSM** [DZL<sup>+24</sup>, HFL<sup>+23</sup>, LHS<sup>+24</sup>, XZW<sup>+22</sup>]. **LSM-Tree** [HFL<sup>+23</sup>, LHS<sup>+24</sup>, DZL<sup>+24</sup>, XZW<sup>+22</sup>]. **LSTM** [WDW<sup>+22</sup>]. **LSTM-GAN** [WDW<sup>+22</sup>]. **Machine** [ABP<sup>+17</sup>, DWF<sup>+23</sup>, LSH<sup>+23</sup>, DJB13, LBO14, SCEG08, SPS12, WO13, WTFO14, WHV<sup>+13</sup>]. **machine-learning-based** [WTFO14]. **Machines** [BSSS14, JK13, RB13, VED07]. **MAGIC** [KKW<sup>+15</sup>]. **Main** [AEE<sup>+19</sup>, WSJ<sup>+21</sup>, ZFT<sup>+18</sup>, ZPR<sup>+17</sup>, DZC<sup>+13</sup>, WSC<sup>+13</sup>, ZDC<sup>+12</sup>]. **Maintaining** [YCCY11]. **Maintenance** [CKL<sup>+24</sup>]. **makespan** [CPB14].

**makespan-preserving** [CPB14]. **Making** [CRSP09, PLT<sup>+</sup>15, PI12, SGS<sup>+</sup>20]. **Malicious** [KKW<sup>+</sup>15]. **Malware** [WCI<sup>+</sup>16]. **MAMBO** [GDL16]. **Managed** [Akr21, YWXW12]. **Management** [CMAP22, GWZ22, GTT<sup>+</sup>16, GMGZP14, HYBR<sup>+</sup>15, HMYZ15, LHS<sup>+</sup>24, MPPS18, MRK<sup>+</sup>22, NMPS22, OTR<sup>+</sup>18, SEF<sup>+</sup>19, SSS<sup>+</sup>23, SAL19, SPS17, SJC<sup>+</sup>21, TTS19, VOK<sup>+</sup>22, WPR<sup>+</sup>22, ZDC<sup>+</sup>16, AVG12, FQRG13, GSZI10, HVJ06, KCKG14, LGAZ07, LFX09, LPZI12, RCG<sup>+</sup>10a, RB13, SW13, VS08, WWWL13, WSC<sup>+</sup>13, WDXJ14, WM11, ZYCZ10]. **Manager** [APS22, ELE<sup>+</sup>23, Per18]. **Managing** [APBR16, HS06, KNBK12, SCFD22, VS11, ZFL18, SSK11]. **Manipulation** [CNS16a, ZHB18]. **Many** [DT17, FMY<sup>+</sup>15, JYM20, JHH<sup>+</sup>23, JLJ<sup>+</sup>18a, LK24, MLC<sup>+</sup>23, MRK<sup>+</sup>22, PVS<sup>+</sup>17, QSZ<sup>+</sup>21, SSS<sup>+</sup>23, WPR<sup>+</sup>22, ZLYZ16, LNLK13, OGK<sup>+</sup>12]. **Many-body** [WPR<sup>+</sup>22]. **Many-Core** [FMY<sup>+</sup>15, JLJ<sup>+</sup>18a, LK24, PVS<sup>+</sup>17, ZLYZ16, JYM20, JHH<sup>+</sup>23, MLC<sup>+</sup>23, MRK<sup>+</sup>22, QSZ<sup>+</sup>21, SSS<sup>+</sup>23, LNLK13, OGK<sup>+</sup>12]. **Many-Cores** [DT17]. **Manycore** [KS16, KAC<sup>+</sup>18, LAS<sup>+</sup>13, MKKE15, ZCQ<sup>+</sup>19, BTS10]. **map** [WYJL10]. **Mapi** [BSG23]. **Mapi-Pro** [BSG23]. **Mapped** [LLRC17]. **MAPPER** [SCFD22]. **Mapping** [BSG23, CKP<sup>+</sup>22, CMAP22, CDPN16, DWDS13, DJC16, ESB<sup>+</sup>20, LLC22, LD24, MKKE15, SSH19, SKAEG16, WGO15, YMM<sup>+</sup>15, CCZ13, WYJL10, WFO14]. **MapReduce** [CC13]. **MAPS** [RLBBN15]. **Markov** [FPK<sup>+</sup>24]. **Marvel** [CKP<sup>+</sup>22]. **Masking** [BAZ<sup>+</sup>19, WPJ19]. **Masses** [BCHC19]. **Massive** [WZW<sup>+</sup>24]. **Massively** [MCB<sup>+</sup>12, RLBBN15]. **Matcher** [WWGS22]. **Matching** [EZYA23, UJW15, WMGS19, WWGS22, CW13, PLL10, TBS06, VW11]. **Mathematical** [Mic16, VZT<sup>+</sup>20]. **MATOG** [WG17]. **Matrices** [BHWN21, ICEDR24]. **Matrix** [ASH20, ACGH24, BSL17, HBP24, JYM20, LCW<sup>+</sup>23, MLC<sup>+</sup>23, MFSK24, SMN22, WCW<sup>+</sup>24, YAG<sup>+</sup>16, CYXF13, SJV08]. **Matrix-Vector** [YAG<sup>+</sup>16]. **maximize** [RCG<sup>+</sup>10a]. **Maximizing** [AEJE16, LWF<sup>+</sup>16, LDL22]. **Maxine** [WHV<sup>+</sup>13]. **MaxPB** [LWF<sup>+</sup>16]. **MBZip** [KPM17]. **MC** [CPG21]. **MC-DeF** [CPG21]. **McPAT** [LAS<sup>+</sup>13]. **means** [Abd20]. **Measuring** [FMY<sup>+</sup>15]. **Mechanism** [CEP<sup>+</sup>16, SPS17, WLX24, ZHS<sup>+</sup>19, ZCCD16, GB06, HWX<sup>+</sup>13, KS11, RFD13, SBC05]. **mechanisms** [HWH<sup>+</sup>11, LCL<sup>+</sup>14, LMMM08]. **Mechanistic** [BEE15, CHE<sup>+</sup>14]. **media** [SLA<sup>+</sup>07]. **Meets** [WLJ<sup>+</sup>24, KHL<sup>+</sup>13]. **MemHC** [WPR<sup>+</sup>22]. **Memoization** [SSRS15]. **Memories** [BKM<sup>+</sup>17, DGI<sup>+</sup>14, KRHK16, LCW<sup>+</sup>24, SPM17, TZK18, WDX15, YMM<sup>+</sup>15, CCZ13, DXMJ11, LCC11]. **Memory** [ADGA20, AJK<sup>+</sup>12, AYC16, Akr21, ACG24, AEE<sup>+</sup>19, AHA<sup>+</sup>19, BSG23, BAZ<sup>+</sup>19, CSY20, CSF<sup>+</sup>20, CKPH19, CWMC16, CHD<sup>+</sup>23, CLA<sup>+</sup>19, CG15b, CSK19, DHK18, DD16, DHD<sup>+</sup>14, DWF<sup>+</sup>23, DJZ<sup>+</sup>23, ERAG<sup>+</sup>16, ELE<sup>+</sup>23, EE09, FMY<sup>+</sup>15, GHH15, GMGZP14, GHS12, HNKK17, HPBS21, HEDH21, HHC<sup>+</sup>16, HASA16, JDZ<sup>+</sup>13, JML<sup>+</sup>20, JLJ<sup>+</sup>18a, JRH21, KHB<sup>+</sup>20, LYK<sup>+</sup>15, LGP<sup>+</sup>16, LWS<sup>+</sup>19, LWC<sup>+</sup>22, LP17, LSH<sup>+</sup>23, LZS<sup>+</sup>24, MYG15, MYKG16, NRQ16a, NRQ16b, NTV<sup>+</sup>22, NZ15, OTR<sup>+</sup>18, OKJ<sup>+</sup>22, PWE20, PDY<sup>+</sup>23, RJK24, RKC<sup>+</sup>20, RLBBN15, SBC<sup>+</sup>22, SW17a, SMKH15, SJD22, SKP<sup>+</sup>22, SDZ<sup>+</sup>21, SL20, SJL<sup>+</sup>20, TKKM15, USCM16, WSJ<sup>+</sup>21, WWH<sup>+</sup>16, WLL<sup>+</sup>19, WPR<sup>+</sup>22, WZW<sup>+</sup>24, WLX24, WGL<sup>+</sup>24, WDS<sup>+</sup>24, WJXC17, WX24, WZG<sup>+</sup>19, WYZ<sup>+</sup>23, XGD<sup>+</sup>23, XHJY16, XVT20, XHL<sup>+</sup>24, YXS<sup>+</sup>22, YSH<sup>+</sup>22, YBSY19, ZZB<sup>+</sup>19,

ZFT<sup>+18</sup>, ZLYW18, ZLWS24, ZLC<sup>+15</sup>, ZCQ<sup>+19</sup>, ZDC<sup>+16</sup>, ZWL<sup>+19</sup>, ZSM<sup>+16</sup>, ZPR<sup>+17</sup>, AFD12, ATGN<sup>+13</sup>, CS10, CCZ13, DHC<sup>+13</sup>, DJX13, DZC<sup>+13</sup>, FQRG13].

**memory** [GPL<sup>+05</sup>, JSH09, JSM<sup>+04</sup>, KGK10, KCKG14, LAS<sup>+08</sup>, LGAZ07, LFX09, LCL<sup>+14</sup>, LHC<sup>+24</sup>, LHWB12, MA08, NCQ14, PLL10, PCT12, RLS13, SV05, SL09, TBC<sup>+12</sup>, TGAG<sup>+12</sup>, VDSP09, VED07, WKCS12, WWWL13, WSC<sup>+13</sup>, WWL<sup>+21</sup>, WLZ<sup>+10</sup>, YJTF13, YLTL04, YLW08, ZPC06, ZSLX13, ZDC<sup>+12</sup>].

**Memory-access-aware** [CLA<sup>+19</sup>].

**Memory-Aware** [SJD22].

**Memory-centric** [SJL<sup>+20</sup>, XGD<sup>+23</sup>].

**Memory-Disk** [LYK<sup>+15</sup>].

**Memory-efficient** [WYZ<sup>+23</sup>, PLL10].

**Memory-level** [EE09].

**Memory-Reliability** [NRQ16b].

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

**Merkle** [WDK<sup>+24</sup>]. **Message** [Kae20, ZM15]. **Message-Passing** [ZM15].

**Meta** [BJWS18]. **Meta-Format** [BJWS18].

**Metadata** [CKL<sup>+24</sup>, LLW<sup>+22</sup>, VOK<sup>+22</sup>].

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

**Methodology** [TCS16]. **Metric** [LLLW22, SNN<sup>+19</sup>, SPS17, YHYBAM20].

**Metric-Guided** [YHYBAM20]. **Metrics** [EMR14, TDO16a]. **MFFT** [ZLM<sup>+23</sup>]. **MH** [PLK<sup>+19</sup>]. **MIAOW** [BGG<sup>+15</sup>]. **Micali** [WDK<sup>+24</sup>]. **MiCOMP** [ABP<sup>+17</sup>]. **Micro** [CAGS17]. **Micro-Sector** [CAGS17].

**Microarchitectural** [FMY<sup>+15</sup>, SKS23, DJB13, LB10].

**Microarchitecture** [DHX<sup>+22</sup>, LNFE22, MMS15, ZCDD23, ASK13, HS05, RPS06, SSS<sup>+04</sup>].

**Microarchitecture-Aware** [DHX<sup>+22</sup>].

**microarchitectures** [ACGK04].

**Microbenchmarking** [FMY<sup>+15</sup>].

**Microprocessor** [KCA<sup>+13</sup>, BE13, YCCY11].

**Microprocessors** [GSZY20, SDZ<sup>+21</sup>, BSO07, RCG<sup>+10a</sup>].

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

**Million** [CAY<sup>+18</sup>]. **MIMD** [FSYA09, GSZY20]. **MinGLE** [GáSÁ<sup>+16</sup>].

**miniature** [JEBJ08]. **minimal** [XL07].

**MINIME** [DS16]. **MINIME-GPU** [DS16].

**Minimization** [KMAK22, CH06, SSR13].

**Minimizing** [KHB<sup>+20</sup>]. **mining** [CDPD13].

**Minor** [TCR<sup>+22</sup>]. **Minos** [CWC06]. **MIPS** [SHD15]. **misaligned** [LWH11].

**Mismatches** [APBR16]. **misprediction** [GW08]. **Miss** [SMM<sup>+23</sup>, SWO21, SLP08].

**misses** [CST<sup>+06</sup>, LS10, VHKP11, Zha08].

**Mitigating** [ABP<sup>+17</sup>, DHX<sup>+22</sup>, EPAG16, GBD21, SYX<sup>+15</sup>, LCL<sup>+14</sup>]. **mitigation** [DJL<sup>+12</sup>]. **mitigations** [CCD12]. **Mixed** [ASH20, LLC22, XIC12, ZLM<sup>+23</sup>].

**Mixed-Precision** [ZLM<sup>+23</sup>]. **Mixing** [HDW21]. **MLC** [PM17, RJSA18].

**MLC/TLC** [PM17]. **MLIR** [BKS<sup>+22</sup>, EZYA23]. **MLP** [KABS22].

**Mobile** [CNAA<sup>+22</sup>, PLK<sup>+19</sup>, XZC<sup>+20</sup>, AvRF07, TBC<sup>+12</sup>]. **Mobile-cloud** [XZC<sup>+20</sup>]. **Mode** [HBPH24, SW13]. **Model** [BNS<sup>+21</sup>, CC18, DAKK19, ESR<sup>+15</sup>, GGS<sup>+17</sup>, JHH<sup>+23</sup>, NZ15, SRC16, WDW<sup>+22</sup>, WLLW20, WYZ<sup>+23</sup>, XHJY17, YCA18, ZHB18, DC07, MG13]. **Model-Based** [WLLW20]. **Modeling** [BEE15, KR19, LAS<sup>+13</sup>, LL22, SSC<sup>+13</sup>, ZZL<sup>+21</sup>, AFD07, CA11, EE12, IMS<sup>+08</sup>, XMM04, SSS<sup>+04</sup>].

**Models** [BOEN23, CHE<sup>+14</sup>, FCD<sup>+17</sup>, FPK<sup>+24</sup>, GGS<sup>+19</sup>, GHH15, LCP<sup>+21</sup>, VFW16, XZC<sup>+20</sup>, LAS<sup>+08</sup>, XIC12].

**Modern** [ABK21, HYYBM16, WLJ<sup>+24</sup>, CCD12, JK13, KNBK12]. **Modification** [GDL16]. **Modify** [RLS15]. **Modular**

[RKL23]. **Modulo** [LMSE18, KCP13]. **Moldable** [MKKE15]. **Monitoring** [LHC<sup>+</sup>17, MMGS21, LMMM08, VDSP09, ZZQ<sup>+</sup>05]. **Monolithically** [WSJ<sup>+</sup>21]. **monopolizable** [DJL<sup>+</sup>12]. **Moore** [DSH<sup>+</sup>18]. **Morphable** [CKPH19]. **Most** [PLT<sup>+</sup>15]. **Movement** [ESR<sup>+</sup>15]. **Movements** [YXS<sup>+</sup>22]. **Moving** [DAKK19]. **MP** [WLZ<sup>+</sup>13]. **MP-Tomasulo** [WLZ<sup>+</sup>13]. **MPI** [HWX<sup>+</sup>13, MP13]. **MPSoC** [FPMR21]. **MPSoCs** [DMR<sup>+</sup>16, MMGS21, SL20]. **MPU** [XGD<sup>+</sup>23]. **MRAM** [WDX15]. **MRAM-Based** [WDX15]. **MSHRs** [CA11]. **MUA** [LDL22]. **MUA-Router** [LDL22]. **Multi** [BOEN23, CC18, FLW<sup>+</sup>24, FMY<sup>+</sup>15, FCD<sup>+</sup>17, GVT<sup>+</sup>17, GMZ<sup>+</sup>21, JPS17, JML<sup>+</sup>20, KLA<sup>+</sup>19, LT19, LGP<sup>+</sup>16, MMGS21, PLK<sup>+</sup>19, PGB16, SPS17, TCS20, WZZ<sup>+</sup>20, XMW<sup>+</sup>21, ZNTJE23, ZCF18, vdVSAAS20, CDPD13, GWS13, LFC13, PM12, RB13, RPE12, ZGC<sup>+</sup>12]. **Multi-**[FMY<sup>+</sup>15]. **Multi-Agent** [JPS17]. **Multi-Batch** [FLW<sup>+</sup>24]. **Multi-Chip** [ZNTJE23]. **Multi-Core** [CC18, SPS17, PM12, ZGC<sup>+</sup>12]. **Multi-Cores** [ZCF18]. **Multi-CPU** [PGB16]. **Multi-dimensional** [LT19]. **Multi-directional** [XMW<sup>+</sup>21]. **multi-FPGA** [CDPD13]. **Multi-GPU** [vdVSAAS20, LFC13, RB13]. **multi-issue** [GWS13]. **Multi-Layer** [LGP<sup>+</sup>16]. **Multi-Level** [GMZ<sup>+</sup>21]. **Multi-objective** [BOEN23]. **Multi-pipeline** [WZZ<sup>+</sup>20]. **Multi-programming** [LD24]. **Multi-retention** [PLK<sup>+</sup>19]. **multi-server** [RPE12]. **Multi-Tenant** [FCD<sup>+</sup>17, KLA<sup>+</sup>19]. **Multi-Threaded** [GVT<sup>+</sup>17]. **Multi-Threading** [TCS20]. **Multi-Tile** [MMGS21]. **Multi-type** [JML<sup>+</sup>20]. **Multibank** [CG15b]. **Multiblock** [KPM17]. **multicharacter** [CW13]. **Multicore** [ASV<sup>+</sup>16, AMS23, BHC<sup>+</sup>16, CC13, CG15a, CDPN16, DS16, DAKK19, HMYZ15, HEMK17, KE15, KK15, KMAK22, LAS<sup>+</sup>13, LMA<sup>+</sup>16, LYH16, MST<sup>+</sup>21, NMPS22, OK21, PT17, PGB16, SOAK23, SLJ<sup>+</sup>18, SCMU22, SKH<sup>+</sup>16, SAL19, ZDC<sup>+</sup>16, CG14, CK11, CWCS13, DEE13, FBWS13, HWX<sup>+</sup>13, LMJ<sup>+</sup>13b, LCL<sup>+</sup>14, LHZ13, RCG<sup>+</sup>10a, VE13, WFKL10, ZCW10]. **Multicores** [HK14, PB15, TDO16a, TTS19, MSF<sup>+</sup>07]. **multidimensional** [RTG<sup>+</sup>07]. **Multigrain** [AZG17]. **Multigrid** [WCW<sup>+</sup>24]. **Multilevel** [XHJY16, YMM<sup>+</sup>15, JK13, TKJ13]. **multimedia** [SV05]. **multiobjective** [CPP08]. **multiplatform** [HLC10]. **Multiple** [KKL<sup>+</sup>24, KHN<sup>+</sup>18, LY24, WLLW20, ZSM<sup>+</sup>16, GB06, HVJ06, RCV<sup>+</sup>12]. **Multiplexing** [LGH24, NDP17]. **Multiplication** [ASH20, HBPH24, MFSK24, SMN22, YAG<sup>+</sup>16]. **Multiplications** [JYM20]. **Multiply** [GG18, YXMC23]. **Multiply-Accumulate** [GG18]. **Multiply-and-Fire** [YXMC23]. **multiprocessor** [BBG13, GSZI10, LT13]. **Multiprocessors** [CPS<sup>+</sup>15, LBM13, APG13, GPL<sup>+</sup>05, LAS<sup>+</sup>08, LM05, LPZI12, LMMM08, SMK10]. **Multiprogram** [EMR14]. **Multisocket** [CG15a]. **Multithreaded** [AZG17, JYE<sup>+</sup>16, LYH16, DWDS13, GMW09, NTG13, PGB13, RGG<sup>+</sup>12, RCG<sup>+</sup>10a, XIC12]. **Multithreading** [SDK<sup>+</sup>22, EE09, GWM07]. **Mutation** [WZY<sup>+</sup>24a]. **Mutation-Based** [WZY<sup>+</sup>24a]. **Mutually** [SOAK23]. **Namespace** [HFL<sup>+</sup>23]. **NAND** [DGI<sup>+</sup>14, LCW<sup>+</sup>24, SZJK18, ZWL<sup>+</sup>19]. **Nanoscale** [GBD<sup>+</sup>15]. **Native** [DKK<sup>+</sup>21, RPE12]. **Native-Code** [DKK<sup>+</sup>21]. **Natural** [SNK<sup>+</sup>23]. **Near** [AGG22, HK14, KCA<sup>+</sup>13, LP17, MAD17, RJK24, VFJ<sup>+</sup>17, XGD<sup>+</sup>23, KCKG14, RPE12]. **Near-bank** [XGD<sup>+</sup>23].

**Near-Data** [VFJ<sup>+</sup>17, AGG22].  
**Near-Memory** [LP17, RJK24].  
**Near-Optimal** [KCA<sup>+</sup>13, KCKG14].  
**Near-Threshold** [HK14]. **Nearest** [NSF<sup>+</sup>21]. **Nearest-Neighbor** [NSF<sup>+</sup>21].  
**Need** [ZPR<sup>+</sup>17]. **Neighbor** [NSF<sup>+</sup>21].  
**NEM** [RJK24]. **NEM-GNN** [RJK24]. **nest** [SLM12]. **Nested** [GSZY20, MGS16, KLMP12]. **nests** [NCC13]. **Network** [CEP<sup>+</sup>16, DJC16, EPS18, JHHM21, JPS17, LWW<sup>+</sup>24, PWE20, SSH19, TDP15, VFW16, VZT<sup>+</sup>20, WDX24, XSF<sup>+</sup>23, XVT20, YXMC23, YZZ<sup>+</sup>23, ZCCD16, ZM15, ASK13, LNLK13, LYYB07].  
**Network-on-Chip** [CEP<sup>+</sup>16, DJC16, EPS18].  
**Network-on-Chips** [ZM15]. **Networks** [ACA<sup>+</sup>19, AMP<sup>+</sup>16, CVB15, CSF<sup>+</sup>20, CCL<sup>+</sup>24, CRC<sup>+</sup>21, GG18, GLTV23, GR15, MWJ19, RJK24, RKC<sup>+</sup>20, RSK<sup>+</sup>18, SMS23, SMN22, SAM<sup>+</sup>23, SNK<sup>+</sup>23, WYZ<sup>+</sup>23, XMW<sup>+</sup>21, ZFF<sup>+</sup>18, ZMLL24, ZF24, BKA13, LWWH12, PRMH13, SMK10, SEP07].  
**Networks-on-Chip** [CCL<sup>+</sup>24, LWWH12].  
**Neural** [BOEN23, CRC<sup>+</sup>21, GG18, GLTV23, GR15, JHHM21, MWJ19, PWE20, RJK24, RKC<sup>+</sup>20, RSK<sup>+</sup>18, SMS23, SMN22, SAM<sup>+</sup>23, SNK<sup>+</sup>23, TDP15, WYZ<sup>+</sup>23, XMW<sup>+</sup>21, XSF<sup>+</sup>23, YXMC23, YZZ<sup>+</sup>23, ZFF<sup>+</sup>18, ZMLL24, Jim09]. **Neuromorphic** [DLS22, LCS<sup>+</sup>19]. **Next** [VZT<sup>+</sup>20, OAM19].  
**NISQ** [LD24]. **no** [HL07]. **NoC** [HWX<sup>+</sup>13, LLC22]. **NoC-based** [HWX<sup>+</sup>13].  
**NoCMsg** [ZM15]. **NOCs** [RKL23, WYJL10]. **Node** [CSSU21]. **Noise** [AAI<sup>+</sup>16]. **Non** [AEE<sup>+</sup>19, DJL<sup>+</sup>12, FPMR21, HK14, IPSD21, WSJ<sup>+</sup>21, YKM17, YXS<sup>+</sup>22, BZS13, WDXJ14]. **Non-blocking** [IPSD21]. **Non-Intrusive** [FPMR21].  
**Non-Java** [YKM17]. **Non-monopolizable** [DJL<sup>+</sup>12]. **non-SSA** [BZS13].  
**Non-Uniform** [HK14]. **Non-Volatile** [WSJ<sup>+</sup>21, YXS<sup>+</sup>22, AEE<sup>+</sup>19, WDXJ14].  
**Nonaffine** [SGS<sup>+</sup>20]. **Nonblocking** [MAY23]. **Nonlinear** [SRC16].  
**nonuniformity** [WA08]. **Nonvolatile** [SPM17, DXMJ11, DJX13]. **Not-taken** [PS12]. **Novel** [HLZ<sup>+</sup>24, JZY<sup>+</sup>22, LMZ18, SAM<sup>+</sup>23, TPN<sup>+</sup>20, ZFT<sup>+</sup>18, ZWL<sup>+</sup>19, CCZ13].  
**NUCA** [GFD<sup>+</sup>14, HK14, LJMG12].  
**NUCA-L1** [HK14]. **NUMA** [RSK<sup>+</sup>18].  
**NUMA-Aware** [RSK<sup>+</sup>18]. **NUMA-Caffe** [RSK<sup>+</sup>18]. **Number** [AGG21, DNS<sup>+</sup>24].  
**NVIDIA** [KVH23]. **NVM** [EAH<sup>+</sup>20, LLW<sup>+</sup>22, WSC<sup>+</sup>13].  
**NVM-based** [WSC<sup>+</sup>13]. **NVMs** [PM17].  
**NVRAM** [ZLYW18].  
**O** [DCP<sup>+</sup>12, RHLA14, SLS<sup>+</sup>21, WLX24, WZWW23]. **Obfuscation** [PDCS24].  
**Object** [CKL<sup>+</sup>24, MPHL22, YLW08, ZLYW18, TDG13, VED07, WM10].  
**Objective** [SAT20, BOEN23]. **objects** [WWY<sup>+</sup>12]. **Oblivious** [YRGES<sup>+</sup>19, CYXF13, LWC<sup>+</sup>22].  
**Obstruction** [WDX14]. **Occam** [GLTV23].  
**Occluded** [CNAA<sup>+</sup>22].  
**Occluded-geometry** [CNAA<sup>+</sup>22].  
**Occurring** [LTX16]. **Odd** [MP22].  
**Odd/Even** [MP22]. **ODE** [HLR<sup>+</sup>13].  
**ODE-based** [HLR<sup>+</sup>13]. **Off** [ACA<sup>+</sup>19, BKM<sup>+</sup>17, DPBI<sup>+</sup>19, AVG12, AGVO05, ABK21]. **Off-Chip** [BKM<sup>+</sup>17].  
**Off-the-Shelf** [DPBI<sup>+</sup>19]. **Offload** [DZL<sup>+</sup>24]. **Offloading** [HNKK17, JLL<sup>+</sup>23, KKL<sup>+</sup>24, MTK18, MGA<sup>+</sup>17, WDX24].  
**offset** [CZ07]. **On-Chip** [CS21, VFW16, JPS17, LDL22, SSH19, BKA13, CK11, EE11, LNLK13, SMK10, TDG13, XCC<sup>+</sup>13].  
**On-GPU** [LWL18]. **On-Package** [FBC<sup>+</sup>22].  
**On-the-fly** [WWY<sup>+</sup>12, VHKP11]. **On/Off** [ACA<sup>+</sup>19]. **One** [DWF<sup>+</sup>23]. **One-Sided** [DWF<sup>+</sup>23]. **Online** [BSO07, CG15a, CEP<sup>+</sup>16, OKJ<sup>+</sup>22, PSL<sup>+</sup>23, TTS19, WAST16]. **onto** [WYJL10]. **OoO** [MAD17]. **Opcode** [AGG22].  
**Opcode-based** [AGG22]. **Open**

[BGG<sup>+</sup>15, HKA<sup>+</sup>19, VOK<sup>+</sup>22, GMZ<sup>+</sup>21]. **Open-Source** [BGG<sup>+</sup>15, VOK<sup>+</sup>22]. **OpenCL** [RVKP19, WGO15]. **OpenMP** [CLA<sup>+</sup>19, PC13, YCA18]. **OpenStream** [PC13]. **Operands** [RSU<sup>+</sup>20]. **Operating** [HK14]. **Operation** [LCW<sup>+</sup>23]. **Operations** [BSL17, GGK18, LP17, WLX24]. **Operators** [CKP<sup>+</sup>22, RAF22]. **Opportunities** [KKL<sup>+</sup>24, WWW<sup>+</sup>21, KGK10, XMM04]. **Optane** [Akr21]. **Optical** [CWW<sup>+</sup>16]. **Optically** [NTV<sup>+</sup>22]. **Optimal** [CH06, CBD15, GK13, GLTV23, KCA<sup>+</sup>13, Mic16, SMS23, SW17b, SWH09, ZGP15, KCKG14, XC06]. **Optimise** [WZWW23]. **optimised** [RWFJ19]. **optimising** [LBO14]. **Optimization** [AYL<sup>+</sup>18, ABP<sup>+</sup>17, BSL17, CSF<sup>+</sup>20, CZGC20, CHD<sup>+</sup>23, CKL<sup>+</sup>24, DZSL20, DAP<sup>+</sup>15, FXC<sup>+</sup>15, FSP<sup>+</sup>23, GGS<sup>+</sup>17, GGS<sup>+</sup>19, JML<sup>+</sup>20, JRH21, KTAE16, KKL<sup>+</sup>24, LLLW22, LHS<sup>+</sup>24, LVR<sup>+</sup>15, MNC<sup>+</sup>16, MMLS21, MPH12, QSZ<sup>+</sup>21, RMA14, SGM<sup>+</sup>22, VFW16, WCW<sup>+</sup>24, YKM17, YDL<sup>+</sup>17, ZCF18, CFH<sup>+</sup>12, CXW<sup>+</sup>12, CYXF13, DJX13, FT10, GHS12, HS06, HEL<sup>+</sup>09, HVJ06, JPS17, KHW<sup>+</sup>05, KWTD09, LHC<sup>+</sup>24, PJ13, SLM12, SSR13, SL09, VW11, ZFT<sup>+</sup>18, ZWHM05, ZCS06]. **optimization-phase** [KHW<sup>+</sup>05]. **Optimizations** [EPS17, JRK16, JZY<sup>+</sup>22, PDY<sup>+</sup>23, FCVR24, SHS<sup>+</sup>20, THA<sup>+</sup>21, VOK<sup>+</sup>22, ZWS<sup>+</sup>16, LCH<sup>+</sup>04, LHY<sup>+</sup>06]. **Optimize** [DBH16, FPMR21]. **Optimized** [MLC<sup>+</sup>23, PKPM19, WPR<sup>+</sup>22, WDS<sup>+</sup>24, GS12]. **Optimizer** [LYK<sup>+</sup>15]. **Optimizing** [AP17, BJWS18, CSW<sup>+</sup>23, DGGL16, HHC<sup>+</sup>16, JHH<sup>+</sup>23, LCW<sup>+</sup>24, MST<sup>+</sup>21, PAVB15, RLBBN15, STLM12, SLH<sup>+</sup>20, TN20, TKKM15, WDX15, WDW<sup>+</sup>22, YWXW12, YRHBL13, ZSLX13, ZFF<sup>+</sup>18, ZMLL24, YXK<sup>+</sup>12, WK09]. **optimum** [HP04]. **Orchard** [SSS<sup>+</sup>24]. **Orchestrating** [MG13]. **Orchestration** [GVT<sup>+</sup>17]. **Order** [BEE15, CAY<sup>+</sup>18, CCL<sup>+</sup>24, HYYBM16, LLC22, MST<sup>+</sup>21, MAD17, PS15, SPH<sup>+</sup>17, TCS20, BB04, GGYK19, KWTD09, KABS22, SJA12, YJTF13, CCL<sup>+</sup>24]. **Order-Based** [CCL<sup>+</sup>24]. **order/out** [BB04]. **Ordering** [ABP<sup>+</sup>17]. **organization** [ASK13, GGFPRG12]. **Oriented** [FWJ<sup>+</sup>16, GGK18, BTS10, CXW<sup>+</sup>12, JML<sup>+</sup>20]. **Orlando** [ESB<sup>+</sup>20]. **OS-** [CRSP09]. **Out-of-Order** [HYYBM16, MAD17, PS15, TCS20, GGYK19, BB04, SJA12]. **overcoming** [DZC<sup>+</sup>13]. **overflow** [CH06]. **Overhead** [DSR15, GDL16, KRHK16, LHC<sup>+</sup>17, ZCDD23, MP13]. **Overheads** [OK21, TCR<sup>+</sup>22, BCM11, SSU<sup>+</sup>13]. **Overlap** [ADGA20]. **Overlap-and-Save** [ADGA20]. **Overlapped** [ZC20]. **Overlay** [CSRP22, CGP23, JLER12]. **Overlong** [ZWL<sup>+</sup>19].

**P** [DDT<sup>+</sup>17]. **Package** [FBC<sup>+</sup>22]. **Packed** [BSL17]. **packet** [LWWH12]. **packing** [NB13, SPGE06]. **Page** [TCR<sup>+</sup>22, WLL<sup>+</sup>19, WLX24, WZG<sup>+</sup>19, ZCDD23, LMJ13a]. **Pages** [YGB21]. **Paging** [ACG24]. **PARALiA** [APG<sup>+</sup>23]. **Parallel** [ASK<sup>+</sup>16, ABB<sup>+</sup>16, APS22, BHWN21, DTD16, DDT<sup>+</sup>17, DHD<sup>+</sup>14, HAM19, LCW<sup>+</sup>23, MCB<sup>+</sup>12, MPPS18, MN24, MGSH16, NKH16, PWP19, RHC15, RLBBN15, SN17, SCFD22, TMP16, TPN<sup>+</sup>20, UJW15, WLZ<sup>+</sup>13, WGO15, WDK<sup>+</sup>24, ZLJ18, CDPD13, JYJ<sup>+</sup>13, LM05, NCC13, STLM12, VJC<sup>+</sup>13, ZBH<sup>+</sup>13]. **Parallel-Blocked** [BHWN21]. **Parallelism** [CCM<sup>+</sup>16, CSRP22, CG15b, DHK18, GVT<sup>+</sup>17, HWJ<sup>+</sup>15, JHH<sup>+</sup>23, LMZ18, MGA<sup>+</sup>17, NKH16, SSS<sup>+</sup>24, SDH<sup>+</sup>15, WWW<sup>+</sup>21, WZW<sup>+</sup>24, YBSY19, ZX16, EE09, FLG12, PCT12, SLA<sup>+</sup>07, WTFO14]. **Parallelization** [BCM11, DPBI<sup>+</sup>19, GGS<sup>+</sup>17, GSZY20, KPP<sup>+</sup>15, DC07, LT13, PKC12, YRHBL13]. **Parallelizing** [NKH16]. **Parallelogram** [ZGP15]. **Parameter** [MGI15]. **parametric**

[SLM12]. **Pareto** [BOEN23, SW17b]. **PARSEC** [CCM<sup>+</sup>16]. **PARSECs** [CCM<sup>+</sup>16]. **parser** [ZBH<sup>+</sup>13]. **Parsing** [PCM16, ZBH<sup>+</sup>13]. **PARTANS** [LFC13]. **Partial** [SLS<sup>+</sup>21, ZX16]. **partially** [GGFPRG12, JLER12]. **Partition** [WWC<sup>+</sup>16, WJXC17, WO13]. **partitioned** [RPS06]. **Partitioning** [CSW<sup>+</sup>23, CG15b, FLG12, LDMZ19, PLLW24, SBS16, SLJ<sup>+</sup>19, HAJ<sup>+</sup>12, LCL<sup>+</sup>14, ZDC<sup>+</sup>12]. **Pass** [SPS17]. **Passing** [ZM15]. **PATCH** [RBM10]. **Path** [WZWW23, ZX19, TS05]. **paths** [PS12]. **pattern** [CXW<sup>+</sup>12, KPM21, PRMH13, VW11]. **pattern-oriented** [CXW<sup>+</sup>12]. **pattern-specific** [PRMH13]. **patternized** [KCP13]. **Patterns** [CSK19, DDT<sup>+</sup>17, LWS<sup>+</sup>19, LTX16, PWE20, Pro21, UJW15, HLR<sup>+</sup>13, JSH09]. **pausing** [NCQ14]. **PAVER** [TAB<sup>+</sup>21]. **PCantorSim** [JYJ<sup>+</sup>13]. **PCIe** [MTK18]. **PCM** [LWF<sup>+</sup>16, RJSA18]. **penalties** [HL07]. **Penalty** [SWO21, GW08]. **pending** [CA11]. **Per-Core** [CS21]. **per-task** [LMJ<sup>+</sup>13b]. **Per-thread** [DEE13, BTS10]. **perceptron** [TS05]. **Perfect** [BRJM15]. **Performance** [ABK21, AEJE16, Akr21, APG<sup>+</sup>23, AYL<sup>+</sup>18, Bis21, BEE15, DKK<sup>+</sup>21, DVG<sup>+</sup>23, FDF<sup>+</sup>14, GGS<sup>+</sup>19, GGK18, HMYZ15, JGSM15, KR19, LNFE22, LL22, LCW<sup>+</sup>24, LMZ18, LYH16, LGH24, LY16, MAY23, ME17, MTK18, MPU<sup>+</sup>23, MN24, MAD17, MKS22, NDP17, NMPS22, OBdOJ<sup>+</sup>24, OK21, PDY<sup>+</sup>23, Per18, RVOA08, RJSA18, SCFD22, SWO21, SLJ<sup>+</sup>19, TCS16, TKM14, USCM16, WCI<sup>+</sup>16, WLWB19, XHJY17, XFS<sup>+</sup>19, YGB21, ZFT<sup>+</sup>18, ZXX23, ZYCZ10, ZCF18, AFD12, ATGN<sup>+</sup>13, BSWLE13, BTS10, CHD<sup>+</sup>23, CK11, CRSP09, CDM13, FBWS13, GW08, HP04, HL07, JED19, KBR<sup>+</sup>13, KLMP12, KGK10, LM05, MLB<sup>+</sup>23, PGB12, RWY13, SRLPV04, SSP<sup>+</sup>23, SD12, THA<sup>+</sup>21, WKCS12, WZZ<sup>+</sup>20, WWL<sup>+</sup>21, XT09, YRGES<sup>+</sup>19, YCCY11, ZVYN05].

**Performance-aware** [ZYCZ10]. **performance-driven** [XT09]. **Performance-Energy** [ABK21, HMYZ15]. **performance-friendly** [CRSP09]. **PERI** [TGRK21]. **permanent** [SSC<sup>+</sup>13]. **Permissions** [ERAG<sup>+</sup>16]. **Permutation** [ZX19]. **Permutation-Based** [ZX19]. **Persistence** [EAH<sup>+</sup>20, WZG<sup>+</sup>19]. **Persistent** [CHD<sup>+</sup>23, IPSD21, WDS<sup>+</sup>24, WX24, ZLYW18]. **Perspectives** [PLT<sup>+</sup>15]. **PEs** [WWY<sup>+</sup>24]. **PETRA** [IPSD21]. **PGAS** [KFEG18, SKAEG16]. **Phase** [ABP<sup>+</sup>17, HASA16, JDZ<sup>+</sup>13, NTV<sup>+</sup>22, YMM<sup>+</sup>15, KHW<sup>+</sup>05, KWTD09, ZDC<sup>+</sup>12]. **Phase-Change** [YMM<sup>+</sup>15]. **Phase-Ordering** [ABP<sup>+</sup>17]. **phased** [HLR<sup>+</sup>13]. **Photonic** [DH16, DLS22]. **Phronesis** [LL22]. **Physically** [RKL23]. **PICO** [JRH21]. **PiDRAM** [OLK<sup>+</sup>23]. **Piecewise** [DAP<sup>+</sup>15]. **pilot** [DHX<sup>+</sup>22]. **PIMBALL** [RKC<sup>+</sup>20]. **PiPA** [ZCW10]. **Pipeline** [AKBS21, ZJJ<sup>+</sup>15, HP04, JA14, WZZ<sup>+</sup>20]. **pipelined** [PLL10, ZCW10]. **Pipelines** [CGP23, MG19, MG20, SSW<sup>+</sup>19, SSB<sup>+</sup>20]. **Pipelining** [LDL22, CPB14, JSL13, RVOA08, RTG<sup>+</sup>07]. **place** [GS12]. **Placement** [MNSC16, RB24, MA08, SSK11]. **Places** [Per18]. **Plane** [DSK19, LLS23, ZGC<sup>+</sup>12]. **Platform** [MLC<sup>+</sup>23, QSZ<sup>+</sup>21, ZLYZ16, LGH24]. **Platforms** [RVKP19, SCK<sup>+</sup>21]. **PLDS** [FLG12]. **PM** [CHD<sup>+</sup>23]. **PM-aware** [CHD<sup>+</sup>23]. **Point** [ASS17, BWG<sup>+</sup>12, CS13, DNS<sup>+</sup>24]. **pointer** [SV05, YLTL04]. **pointer-intensive** [YLTL04]. **Pointers** [CTY<sup>+</sup>23]. **points** [Nas13]. **points-to** [Nas13]. **Poker** [ZX19]. **Policies** [GFD<sup>+</sup>14, LSL20, SYX<sup>+</sup>15, EE09, SSK11]. **Policy** [KMAK22, LWW<sup>+</sup>24, JK13]. **Pollution** [SYX<sup>+</sup>15]. **PolyDL** [THA<sup>+</sup>21]. **Polyhedral** [GGs<sup>+</sup>19, KL19, LT19, PKC12,

SYE19, SGS<sup>+</sup>20, SRC16, THA<sup>+</sup>21, VJC<sup>+</sup>13, ZC20, ZPH<sup>+</sup>23, ZHB18]. **Polyhedron** [GGS<sup>+</sup>17]. **polymorphic** [PM12]. **polymorphous** [SNL<sup>+</sup>04]. **polytopes** [SLM12]. **Pools** [HZC<sup>+</sup>23]. **Port** [WDX14, GKP14]. **Portability** [FDF<sup>+</sup>14]. **Portable** [BNS<sup>+</sup>21, Per18, RMA14, WGO15, KNBK12]. **Posit** [TGRK21]. **positioning** [ZWHM05]. **Post** [WDK<sup>+</sup>24]. **Post-Quantum** [WDK<sup>+</sup>24]. **Pot** [VSDL16]. **potential** [FER<sup>+</sup>13]. **POWER** [ACA<sup>+</sup>19]. **Power** [AEJE16, ACA<sup>+</sup>19, BNS<sup>+</sup>21, CAMJ15, DTD16, DD16, ESB<sup>+</sup>20, FCD<sup>+</sup>17, GáSÁ<sup>+</sup>16, GBD<sup>+</sup>15, HYBR<sup>+</sup>15, HYYBM16, HAC13, JYW22, JGSM15, KH18, KMG14, LM05, LAS<sup>+</sup>13, LWF<sup>+</sup>16, LZM14, MKS22, RWFJ19, SEF<sup>+</sup>19, SSS<sup>+</sup>23, WYCC11, ZCF18, ZZL<sup>+</sup>21, AVG12, AGG22, BB04, CCZ13, HP04, HL07, LYYB07, MP13, MSK05, PLK<sup>+</sup>19, SW13, SEP07, WYJL10, XL07, YCCY11]. **Power-Aware** [ACA<sup>+</sup>19, DTD16, SEP07, WYJL10]. **Power-Efficient** [HAC13, KH18]. **Power-Gated** [LZM14]. **Power-Gating** [ZCF18]. **Power-optimised** [RWFJ19]. **Power-performance** [LM05]. **Power/Capacity** [GBD<sup>+</sup>15]. **POWER8** [XFS<sup>+</sup>19]. **PowerMorph** [JYW22]. **Practical** [FXC<sup>+</sup>15, KWTD09, OBdOJ<sup>+</sup>24, PDY<sup>+</sup>23, VOK<sup>+</sup>22, ZGX22, BSWLE13, FT10, ZBH<sup>+</sup>13]. **pre** [YCCY11, XC06]. **pre-wakeup** [YCCY11]. **Preallocation** [SSR13]. **Precise** [AFD07]. **Precision** [ASH20, CCA20, WLJ<sup>+</sup>24, ZLM<sup>+</sup>23, AGG21, LDG<sup>+</sup>13]. **Precisions** [HDW21]. **Predicate** [CPB14]. **Predicate-aware** [CPB14]. **Predication** [HAC13]. **Predictability** [BB21, LBJ05]. **Predictable** [DPBI<sup>+</sup>19, SF18, VKM<sup>+</sup>21, XHJY17]. **Predicting** [WLWB19]. **Prediction** [AKBS21, BNS<sup>+</sup>21, EPS17, GAM12, KS21, MKS22, OAM19, PLG19, YPT<sup>+</sup>16, CST<sup>+</sup>06, Jim09, MG12, TS05]. **Predictive** [LCP<sup>+</sup>21, IMS<sup>+</sup>08, RBM10, YCCY11]. **predictive/adaptive** [RBM10]. **Predictor** [CNAA<sup>+</sup>22, Mic18, OAM19, AGVO05, JSM<sup>+</sup>04, SL09]. **Predictors** [EPAG16, LIS20]. **Prefetch** [AKBS21, SPS17]. **Prefetch-Fraction** [SPS17]. **Prefetched** [SYX<sup>+</sup>15]. **Prefetcher** [KPP21, LYH16, PB15, PWE20, SYX<sup>+</sup>15, XHL<sup>+</sup>24, LJMG12, SBC05]. **Prefetcher-Caused** [SYX<sup>+</sup>15]. **Prefetchers** [ELE<sup>+</sup>23, LBM13]. **Prefetching** [CSY20, KFEG18, LKV12, OAM19, SPS17, WPJ19, AGI<sup>+</sup>12, CA11, GB06, SBC05, WFKL10, YLTL04]. **Presburger** [JRH21]. **Preserving** [YXS<sup>+</sup>22, BOEN23, CPB14]. **Pressure** [KMAK22, SKPD19, SGM<sup>+</sup>22, SLP08, SSR13, YZ08]. **Pressure-Aware** [KMAK22]. **Preventing** [WDX14]. **prevention** [TBS06]. **Primitives** [THA<sup>+</sup>21]. **Priority** [ASV<sup>+</sup>16, XHJY16]. **PRISM** [OK21]. **Private** [DRHK15, SSK11]. **Private/Shared** [DRHK15]. **Pro** [BSG23, FYI<sup>+</sup>24]. **Probabilistic** [DAD16, EE12]. **Problem** [ABP<sup>+</sup>17, DBH16]. **Problems** [JOB<sup>+</sup>22, VFW16]. **Process** [LCW<sup>+</sup>23, LTX16, Pro21, KWCL09]. **Processes** [SOAK23]. **Processing** [CC13, CGP23, DZL<sup>+</sup>24, FLW<sup>+</sup>24, FYI<sup>+</sup>24, HNKK17, ICEDR24, LT19, LSH<sup>+</sup>23, LGH<sup>+</sup>21, MYG15, MYKG16, OLK<sup>+</sup>23, PBY<sup>+</sup>17, SNK<sup>+</sup>23, WZZ<sup>+</sup>20, WWL<sup>+</sup>21, ZPL<sup>+</sup>21, ZZH<sup>+</sup>23, ZLJ18, KKL<sup>+</sup>24]. **Processing-in-DRAM** [OLK<sup>+</sup>23]. **Processing-In-Memory** [HNKK17, MYKG16, MYG15]. **Processor** [AEJE16, AHA<sup>+</sup>19, BEE15, DSK19, HMYZ15, HWL<sup>+</sup>19, JYM20, JHH<sup>+</sup>23, LP17, LZZ<sup>+</sup>22, SKP<sup>+</sup>22, XGD<sup>+</sup>23, XFS<sup>+</sup>19, ZZL<sup>+</sup>21, CS13, GW08, LGAZ07, LYYB07, SJA12, SHC13, SSPL<sup>+</sup>13, WFKL10]. **Processor-Memory** [SKP<sup>+</sup>22].

**Processor-Tracing** [HWL<sup>+</sup>19]. **Processors** [ASV<sup>+</sup>16, AMS23, CAMJ15, DBH16, KS16, KK15, MRK<sup>+</sup>22, NMPS22, SM19, SCK<sup>+</sup>21, SHD15, VFJ<sup>+</sup>17, YWXW12, YHYBAM20, CRSP09, CCD12, CSVM04, DEE13, EE09, EE12, FBWS13, GMW09, GWS13, GKP14, HWX<sup>+</sup>13, KLMP12, LMCV13, PI12, RGG<sup>+</sup>12, SRLPV04, SLP08, XT09, YZL<sup>+</sup>10]. **Productive** [KFEG18]. **Productivity** [SKAEG16]. **Profile** [CS13, FPK<sup>+</sup>24, SS04, SKKB18, SSU<sup>+</sup>13, WTF014]. **Profile-based** [SS04, SKKB18]. **profile-driven** [WTF014]. **Profile-guided** [CS13, SSU<sup>+</sup>13]. **Profiling** [CG15a, JRK16, MPW<sup>+</sup>17, FBHN04, MAN<sup>+</sup>08, NMKS06, ZCW10]. **profit** [ZCS06]. **profit-driven** [ZCS06]. **Profitability** [CLA<sup>+</sup>19]. **Program** [BB21, DSR15, PDCS24, PVA<sup>+</sup>17, RAF22, ZHB18, DS12, PJ13]. **Programmable** [MCB<sup>+</sup>12, AS13, Zha08]. **Programming** [ÄJE<sup>+</sup>16, MGS16, PBY<sup>+</sup>17, RGK<sup>+</sup>23, RAF22, TWB21, YCA18, LD24, NCC13]. **Programming-Based** [ÄJE<sup>+</sup>16]. **Programs** [DKB<sup>+</sup>20, GKCE17, KPM21, KPP<sup>+</sup>15, LLS23, MPSS18, MNSC16, RHC15, SGS<sup>+</sup>20, WLZ<sup>+</sup>13, WGO15, PC13, PGB13, WO13, YLW08]. **Projection** [TTS19]. **promotion** [LJMG12]. **Proportional** [DH16]. **proportionality** [AVG12]. **proprietary** [JEBJ08]. **protect** [BVIB12]. **Protecting** [NRQ16a, CWC06]. **Protection** [AHA<sup>+</sup>19, BCHC19, Bis21, ERAG<sup>+</sup>16, CCZ13, MA08]. **Protocol** [WDX24, SSPL<sup>+</sup>13, SSH<sup>+</sup>13]. **Providing** [KKL<sup>+</sup>24, XHJY17]. **Provisioning** [BSSS14]. **PS** [LMJ13a]. **PS-TLB** [LMJ13a]. **pseudo** [YJTF13]. **pseudo-associativity** [YJTF13]. **Public** [SDS<sup>+</sup>21, WLWB19]. **Puppeteer** [ELE<sup>+</sup>23]. **Purification** [WZY<sup>+</sup>24b]. **Purpose** [CAMJ15, SDZ<sup>+</sup>21]. **Push** [LSH<sup>+</sup>23, YLTL04]. **Push-Memory** [LSH<sup>+</sup>23]. **Python** [ZXX23]. **QoS** [ASP17, FYI<sup>+</sup>24, JYW22, LPZI12, NMPS22, SAL19]. **QoS-Aware** [JYW22]. **QoS-Constrained** [NMPS22]. **QoS-enhanced** [FYI<sup>+</sup>24]. **QoS-pro** [FYI<sup>+</sup>24]. **QoS-Supervised** [ASP17]. **quadruple** [LDG<sup>+</sup>13]. **quadruple-precision** [LDG<sup>+</sup>13]. **Quality** [APS22, GSZI10]. **Quantifying** [DVG<sup>+</sup>23, LZW23]. **Quantitative** [ACG24, TCS16]. **Quantized** [WLJ<sup>+</sup>24]. **Quantum** [LD24, Lou19, SM19, WDK<sup>+</sup>24, IWP<sup>+</sup>04]. **quasi** [JSM<sup>+</sup>04]. **quasi-static** [JSM<sup>+</sup>04]. **Qubit** [LD24]. **QuCloud** [LD24]. **Query** [KVH23]. **Queue** [HLSW17, BB04]. **QuMan** [SKKB18]. **R** [VC16]. **R-GPU** [VC16]. **Race** [LHC<sup>+</sup>17, MNSC16, YZZ<sup>+</sup>23]. **Racetrack** [KHB<sup>+</sup>20]. **rack** [MKC<sup>+</sup>22]. **Radio** [DMR<sup>+</sup>16]. **radix** [ASK13, LDY<sup>+</sup>21]. **RAGuard** [ZHS<sup>+</sup>19]. **RAM** [CRC<sup>+</sup>21, LZL<sup>+</sup>13, PLK<sup>+</sup>19, RTK15, WDX14]. **Random** [ELE<sup>+</sup>23, HLZ<sup>+</sup>24, VSP<sup>+</sup>12]. **Range** [CTY<sup>+</sup>23]. **ranges** [MAN<sup>+</sup>08]. **Rank** [AJK<sup>+</sup>12, BOEN23]. **Rank-preserving** [BOEN23]. **Rate** [CWMC16, EPS18, SWO21, SHD15]. **RATT** [CWMC16]. **RATT-ECC** [CWMC16]. **Rcmp** [WGL<sup>+</sup>24]. **RDMA** [DWF<sup>+</sup>23, LZS<sup>+</sup>24, WGL<sup>+</sup>24, WDX24]. **RDMA-Based** [WGL<sup>+</sup>24, DWF<sup>+</sup>23]. **RDMA-enabled** [LZS<sup>+</sup>24]. **Reach** [JED19]. **Reactions** [PBCB22]. **Read** [MNSC16, RJSA18, RLS15, JLCR13]. **Read-Modify-Write** [RLS15]. **read/write** [JLCR13]. **Real** [CCL<sup>+</sup>24, CEP<sup>+</sup>16, DPBI<sup>+</sup>19, DJZ<sup>+</sup>23, KE15, KTAE16, GK13, YZ08, ZGC<sup>+</sup>12]. **Real-Time** [CCL<sup>+</sup>24, CEP<sup>+</sup>16, DPBI<sup>+</sup>19, KE15, KTAE16, GK13, ZGC<sup>+</sup>12]. **Real-world** [DJZ<sup>+</sup>23]. **Reasoning** [DKB<sup>+</sup>20]. **reassignment** [CH06]. **recency** [VSP<sup>+</sup>12]. **recognition** [KKM<sup>+</sup>13].

**recompilation** [NED<sup>+</sup>13]. **Recompute** [AEE<sup>+</sup>19]. **Reconciliation** [TWB21]. **Reconfigurable** [DBH16, KHS<sup>+</sup>14, LMSE18, LY24, PT17, RJK24, TD16, VC16, VKM<sup>+</sup>21, AS13, KLMP12, KCP13, ZSLX13]. **Reconfiguration** [DTD16]. **Reconstructability** [BRJM15]. **Reconstructing** [WGL<sup>+</sup>24]. **Recovery** [LHY<sup>+</sup>06, RHLA14]. **Recycling** [KKAR16, WWY<sup>+</sup>24]. **ReDirect** [PT17]. **Reduce** [ASP17, DSR15, SLS<sup>+</sup>21, ZCCD16, YZ08]. **Reduced** [CS21, VED07]. **Reducing** [AMS23, CPP08, DQCK24, GWS13, HL07, JLCR13, SLP08, TS15, TCR<sup>+</sup>22, WLX24, ZHD<sup>+</sup>04, Zha08, ZWS<sup>+</sup>16, BCM11, MP13, PGB12, ZSCM08]. **Reduction** [ASS17, APS22, KTAE16, LSC<sup>+</sup>15, LWL18, SJL<sup>+</sup>20, MSK05, XT09]. **Reductions** [PWP19]. **Redundancy** [YZZ<sup>+</sup>23, NXN<sup>+</sup>24]. **Redundancy-aware** [YZZ<sup>+</sup>23]. **Redundant** [KS16, SDK<sup>+</sup>22, JLER12]. **Reference** [DCL<sup>+</sup>22]. **references** [YZL<sup>+</sup>10]. **referent** [WK09]. **Refresh** [JHHM21, LSC<sup>+</sup>15, NCQ14, TKM14]. **RegCPython** [ZXX23]. **Region** [HWL<sup>+</sup>19]. **Register** [JCG<sup>+</sup>24, KPM21, LZM14, MP22, SKPD19, SGM<sup>+</sup>22, TS15, TWB21, VZS<sup>+</sup>18, YWXW12, YBSY19, ZXX23, BZS13, CH06, GKP14, JOA<sup>+</sup>09a, JOA<sup>+</sup>09b, JA14, SJV08, SLP08, SSR13]. **Register-based** [ZXX23]. **Register-Pressure-Aware** [SKPD19, SGM<sup>+</sup>22]. **registers** [SCEG08, YZ08]. **Regression** [JGSM15, CDPD13]. **Regular** [BC13, JSH09]. **Regulation** [JYW22, SCFD22]. **regulators** [EE11]. **ReHarvest** [XLD<sup>+</sup>24]. **Reinforcement** [JPS17, LSL20]. **ReIPE** [WWY<sup>+</sup>24]. **Relational** [YDS<sup>+</sup>19]. **Relativization** [BDB<sup>+</sup>20]. **Relaxed** [GHH15, RJSA18, YJTF13]. **relaxed-order** [YJTF13]. **release** [GW09, JOA<sup>+</sup>09b, SLP08]. **Reliability** [NRQ16b, SQZK20, FCVR24, ZFT<sup>+</sup>18]. **Reliable** [CWMC16, KS16, KK15, ZLYW18, CPB<sup>+</sup>07]. **Remapping** [LWL18, ZPC06]. **Rematerialization** [SMS23]. **Remote** [TN20, XVT20, NMKS06]. **removal** [BCVT13]. **Removing** [ACGK04, JCG<sup>+</sup>24]. **renaming** [JA14]. **Rendering** [PLK<sup>+</sup>19]. **ReNIC** [DCP<sup>+</sup>12]. **reordering** [CZ07]. **Repair** [ZF24]. **Repartition** [LK24]. **Replacement** [DAD16, Mic16, FTLG11, TKJ13, WM11, ZDC<sup>+</sup>12]. **Replacing** [DKK<sup>+</sup>21]. **Replay** [CCL<sup>+</sup>13, MPHL22, SKS23]. **Replay-based** [MPHL22]. **REplayer** [DAP<sup>+</sup>15]. **Replication** [DWF<sup>+</sup>23, ACGK04, DCP<sup>+</sup>12]. **Representation** [SGS<sup>+</sup>20, KCKG14]. **representative** [BE13]. **requester** [ATGN<sup>+</sup>13]. **requester-wins** [ATGN<sup>+</sup>13]. **ReRAM** [JLL<sup>+</sup>23, XLD<sup>+</sup>24, ZFT<sup>+</sup>18]. **ReRAM-Based** [XLD<sup>+</sup>24, JLL<sup>+</sup>23, ZFT<sup>+</sup>18]. **ReSA** [LY24]. **ReSense** [DWDS13]. **Reshaping** [JYW22]. **resident** [LHC<sup>+</sup>24]. **Residue** [DNS<sup>+</sup>24]. **Resilience** [KPRK20, TCS16]. **Resilient** [OK21, Pro21, SZJK18]. **Resistance** [RJSA18]. **Resistive** [MYKG16, TZK18]. **Resource** [APS22, CMAP22, CSW<sup>+</sup>23, JZY<sup>+</sup>22, LZW23, MRK<sup>+</sup>22, MKC<sup>+</sup>22, PLLW24, Per18, PS12, QYZ<sup>+</sup>14, SAL19, XLD<sup>+</sup>24, ARS04, DWDS13, GW08, NMKS06, VS11, ZK05]. **resource-constrained** [NMKS06, ZK05]. **resource-efficient** [GW08]. **Resource-Harvesting** [XLD<sup>+</sup>24]. **Resources** [KLA<sup>+</sup>19, MTPK24, SDS<sup>+</sup>21, RGG<sup>+</sup>12]. **Restoration** [DQCK24]. **Retargetable** [SHY14, HEL<sup>+</sup>09, HLC10]. **retention** [PLK<sup>+</sup>19]. **Rethinking** [ERAG<sup>+</sup>16]. **return** [VS08]. **Reusable** [HPBS21]. **Reuse** [AKBS21, DAD16, GLTV23, HAM<sup>+</sup>20, JLJ<sup>+</sup>18a, KE15, KR19, LWW<sup>+</sup>24, SCMU22,

SSW<sup>+19</sup>, AIVL13, FER<sup>+13</sup>, YZL<sup>+10</sup>, YLW08]. **Reuse-aware** [HAM<sup>+20</sup>]. **Reuse-Time-Label** [LWW<sup>+24</sup>]. **ReuseTracker** [SCMU22]. **Reusing** [PKPM19]. **ReveNAND** [SZJK18]. **Reverse** [SDS<sup>+21</sup>]. **Reviewers** [Aca16, Ano13b, Ano15, Bil19, Ano13a]. **Revisited** [AMG16, MBY13, VS08]. **Revisiting** [GFD<sup>+14</sup>, KAC15, MMS15, WWWL13]. **Rewrite** [SHS<sup>+20</sup>]. **Rewriting** [EZYA23, GMZ<sup>+21</sup>]. **RF** [TBC<sup>+12</sup>]. **RF-I** [TBC<sup>+12</sup>]. **RFVP** [YPT<sup>+16</sup>]. **RIMA** [XVT20]. **RISC** [JHQ23, MPU<sup>+23</sup>, TGRK21]. **RISC-V** [JHQ23, MPU<sup>+23</sup>, TGRK21]. **rNdN** [KVH23]. **RNN** [SAG22]. **Road** [SWU<sup>+15</sup>]. **ROCCC** [BCVN10]. **Rollback** [YPT<sup>+16</sup>]. **Rollback-Free** [YPT<sup>+16</sup>]. **Roofline** [ESR<sup>+15</sup>]. **ROP** [ZHS<sup>+19</sup>]. **router** [APG13, ASK13, LDL22]. **Routers** [LDY<sup>+21</sup>, LDL22]. **routes** [KCP13]. **Routing** [ACA<sup>+19</sup>, CVB15, LLC22, YRGES<sup>+19</sup>, BRJG12, PRMH13]. **Row** [GBD21, SL20, JLCR13]. **Row-Buffer** [SL20]. **RRAM** [LCS<sup>+19</sup>]. **RRAM-Based** [LCS<sup>+19</sup>]. **RSA** [LFK19]. **RTL** [BGG<sup>+15</sup>]. **Rules** [SHS<sup>+20</sup>]. **Runtime** [APG<sup>+23</sup>, DBH16, DT17, ESB<sup>+20</sup>, KPP<sup>+15</sup>, LTG12, MMGS21, MSFC21, SSH19, TTS19, YAG<sup>+16</sup>, YRHBL13]. **Runtime-Reconfigurable** [DBH16]. **Runtimes** [CMAP22].

**Sabrewing** [BWG<sup>+12</sup>]. **SAC** [ZML<sup>+24</sup>]. **Safe** [JCG<sup>+24</sup>, YPT<sup>+16</sup>]. **Safe-to-Approximate** [YPT<sup>+16</sup>]. **Safety** [CLA<sup>+19</sup>, JRH21, SBC<sup>+22</sup>]. **SAL** [ZMLL24]. **Salvaging** [JDZ<sup>+13</sup>]. **Sample** [WDW<sup>+22</sup>]. **Sampled** [JYE<sup>+16</sup>, HS05]. **Sampling** [Lee16, ZWS<sup>+16</sup>, JYJ<sup>+13</sup>]. **Sandbox** [PKL<sup>+24</sup>]. **SAQIP** [SM19]. **Save** [ADGA20]. **Saving** [NMPS22]. **Scalability** [GVT<sup>+17</sup>, LMZ18, CWCS13, RVOA08]. **Scalability-Aware** [GVT<sup>+17</sup>]. **Scalable** [ASK13, CNS<sup>+16b</sup>, KFJ20, MG19, Per18, RJK24, SM19, SYE19, SGS<sup>+20</sup>, SMM<sup>+23</sup>, SSS<sup>+23</sup>, SJL<sup>+20</sup>, TCS16, ZLYW18, ZLJ18, ZM15, CWCS13, KCKG14, LNLK13, LMJ13a, SSH<sup>+13</sup>, VW11]. **Scalar** [SPH<sup>+17</sup>]. **Scalarization** [LAAMJ15]. **Scale** [CAY<sup>+18</sup>, DAKK19, JLJ<sup>+18a</sup>, PLLW24, SKH<sup>+16</sup>, YSD<sup>+23</sup>, ZPL<sup>+21</sup>, ZLM<sup>+23</sup>, CKL<sup>+24</sup>, HZC<sup>+23</sup>, RCV<sup>+12</sup>, SMK10]. **Scale-out** [YSD<sup>+23</sup>]. **Scaling** [BHC<sup>+16</sup>, GBD<sup>+15</sup>, MKKE15, MBLK24, ZLC<sup>+15</sup>, XMM04]. **SCALO** [GVT<sup>+17</sup>]. **Scenario** [BB21]. **Scenario-Aware** [BB21]. **Schedule** [GGG<sup>+17</sup>, GGS<sup>+19</sup>, LMSE18, SSW<sup>+19</sup>, SSB<sup>+20</sup>, ZF24]. **Scheduler** [SCK<sup>+21</sup>, TD16, USCM16, WZZ<sup>+20</sup>, CWCS13, KCP13]. **Schedulers** [KKAR16]. **Scheduling** [ÄJE<sup>+16</sup>, ASV<sup>+16</sup>, CRBP24, CCL<sup>+24</sup>, DHX<sup>+22</sup>, DHD<sup>+14</sup>, HAM<sup>+20</sup>, LLC22, LWC<sup>+22</sup>, LZM14, MKKE15, QYZ<sup>+14</sup>, RB24, SLS<sup>+21</sup>, SKPD19, SGM<sup>+22</sup>, TAB<sup>+21</sup>, UPR22, XHJY16, BBG13, CPB14, CG14, EE12, MBKM12, SPGE06, SWH09, SSR13, TBC<sup>+12</sup>, XL07, ZGC<sup>+12</sup>, ZYCZ10]. **Scheme** [AEE<sup>+19</sup>, LLW<sup>+22</sup>, LD24, SDK<sup>+22</sup>, WPJ19, ZWL<sup>+19</sup>, BBG13, CCZ13]. **schemes** [KCKG14]. **Scientific** [RGK<sup>+23</sup>]. **SCIN** [NTG13]. **SCIN-cache** [NTG13]. **SCORE** [ZWL<sup>+19</sup>]. **SCP** [SLJ<sup>+19</sup>]. **Scratchpad** [JAK17, RTK15, SDZ<sup>+21</sup>, YBSY19, CS10, LFX09]. **script** [KBR<sup>+13</sup>]. **script-based** [KBR<sup>+13</sup>]. **Scythe** [LZS<sup>+24</sup>]. **Seamlessly** [KNBK12]. **Search** [BOEN23, CRBP24, HKA<sup>+19</sup>, KL19, ZX19]. **searches** [KHW<sup>+05</sup>]. **SecNVM** [LLW<sup>+22</sup>]. **SECRET** [LSC<sup>+15</sup>]. **Section** [DSR15]. **Section-Based** [DSR15]. **Sector** [CAGS17]. **Sectored** [CAGS17, OBdOJ<sup>+24</sup>]. **Secure** [LLW<sup>+22</sup>, SOAK23, CRSP09, SSPL<sup>+13</sup>]. **Securing** [LIS20]. **Security** [SSH19, YGB21]. **Segmented** [LWW<sup>+24</sup>]. **Select** [TDS<sup>+21</sup>]. **Selecting**

[BE13, TDO16b]. **Selection** [MNC<sup>+</sup>16, SNN<sup>+</sup>19, ZGP15, MBY13]. **Selections** [BAZ<sup>+</sup>19]. **Selective** [DKB<sup>+</sup>20, GGYK19, KMG14, LSC<sup>+</sup>15, WPJ19, LWWH12, MA08, VSP<sup>+</sup>12]. **Self** [LLRC17, MFSK24, SAL19, BBG13]. **Self-aware** [SAL19]. **Self-Balancing** [LLRC17]. **Self-checking** [MFSK24]. **self-scheduling** [BBG13]. **SelSMaP** [WPJ19]. **Semantic** [AP17, HCC<sup>+</sup>14]. **Sensible** [LMA<sup>+</sup>16]. **Sensing** [WCI<sup>+</sup>16]. **Sensitive** [PDCS24, Nas13]. **sensitivity** [DWDS13]. **Sensor** [DSK19]. **Sensor-Processor** [DSK19]. **Sequences** [ABP<sup>+</sup>17, MNC<sup>+</sup>16, KHW<sup>+</sup>05, PJ13]. **Sequential** [WLZ<sup>+</sup>13, LZ12]. **series** [LTG12]. **Server** [AVG12, FCD<sup>+</sup>17, JYW22, LTG12, RPE12]. **Serverless** [PKL<sup>+</sup>24]. **Servers** [LTX16]. **Service** [APS22, GMW09, JYW22, RB24, GSZI10]. **Set** [KBB<sup>+</sup>14, BR13, HL07, KWCL09, ZK06]. **set-associative** [HL07, KWCL09]. **sets** [DDU12]. **setups** [RPE12]. **sFtree** [BRSJG12]. **SG** [YGB21]. **SGD** [XDW<sup>+</sup>23]. **Shadow** [ZGX22]. **Shape** [MWJ19]. **Shared** [ADGA20, DRHK15, FYI<sup>+</sup>24, GKP14, GAH22, HMYZ15, KE15, LBM13, PG17, SKAEG16, SLJ<sup>+</sup>19, WJXC17, XHJY16, AGI<sup>+</sup>12, AIVL13, GGFPRG12, GSZI10, HLR<sup>+</sup>13, KGK10, LHWB12, RGG<sup>+</sup>12, WM11, ZPC06]. **shared-data** [HLR<sup>+</sup>13]. **shared-memory** [ZPC06]. **Shared-port** [GKP14]. **Sharing** [FSX<sup>+</sup>24, GG18, JAK17, KLA<sup>+</sup>19, MTPK24, NSF<sup>+</sup>21, YDL<sup>+</sup>17, ZJJ<sup>+</sup>15, ZNTJE23, SSK11]. **Shelf** [DPBI<sup>+</sup>19]. **Shifts** [KHB<sup>+</sup>20]. **ShiftsReduce** [KHB<sup>+</sup>20]. **shotgun** [FBHN04]. **showdown** [SCEG08]. **shuffler** [BVIB12]. **Side** [AHA<sup>+</sup>19, BCHC19, Bis21, JFK20, JHQ23, LFK19, BVIB12, DJL<sup>+</sup>12]. **Side-Channel** [BCHC19, Bis21, JFK20, LFK19, BVIB12]. **Sided** [DWF<sup>+</sup>23]. **Signature** [WDK<sup>+</sup>24]. **signatures** [OAB12]. **Significance** [PVA<sup>+</sup>17]. **Significance-Aware** [PVA<sup>+</sup>17]. **Significantly** [MP13]. **Silent** [PLG19]. **silicon** [PCT12]. **SIMD** [BR13, DSK19, FSYA09, GS12, GSZY20, GR15, HEL<sup>+</sup>09, KMG14, LHW<sup>+</sup>19, MYG15, MYKG16, RMA14, SMK15, WWC<sup>+</sup>16, WWGS22, ZX19, ZX16]. **SIMD-based** [WWGS22]. **SIMD-Matcher** [WWGS22]. **Simple** [BNS<sup>+</sup>21]. **Simplifying** [ZZB<sup>+</sup>19]. **SIMPO** [ZLYW18]. **SIMT** [CC18, LAAMJ15, TCS20, XGD<sup>+</sup>23]. **SIMT-X** [TCS20]. **Simulating** [RPE12]. **Simulation** [GMZ<sup>+</sup>21, JYE<sup>+</sup>16, PDCS24, QSZ<sup>+</sup>21, SLJ<sup>+</sup>18, SKP<sup>+</sup>22, vdVSAAS20, HS05, JYJ<sup>+</sup>13, RCV<sup>+</sup>12]. **Simulations** [CAY<sup>+</sup>18, HEMK17, JLJ<sup>+</sup>18b]. **Simulator** [LCS<sup>+</sup>19, NRQ16b, TPN<sup>+</sup>20]. **Simulators** [JLJ<sup>+</sup>18b]. **Simultaneous** [LGP<sup>+</sup>16, WLLW20, EE09, RCG<sup>+</sup>10a]. **Simultaneously** [LAS<sup>+</sup>13]. **Single** [LD24, RTG<sup>+</sup>07, TCS20, ZWY17, CG14, GB06, JK13, VE13, WK09]. **Single-dimension** [RTG<sup>+</sup>07]. **Single-Instruction** [TCS20]. **single-ISA** [CG14, VE13]. **single-referent** [WK09]. **Single/Multi** [LD24]. **Single/Multi-programming** [LD24]. **Site** [HZN<sup>+</sup>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<sup>+</sup>24]. **Slice** [KABS22, LNFE22]. **Slice-out-of-order** [KABS22]. **Slicing** [FSP<sup>+</sup>23]. **SLO** [SCK<sup>+</sup>21]. **SLO-Aware** [SCK<sup>+</sup>21]. **SLOOP** [ASP17]. **Slowdown** [XHJY17]. **SM** [ZJJ<sup>+</sup>15]. **Small** [WDW<sup>+</sup>22]. **Small-Sample** [WDW<sup>+</sup>22]. **SMART** [LLC22, AGVO05, WYZ<sup>+</sup>23]. **Smart-DNN** [WYZ<sup>+</sup>23]. **SMT** [EE12, LLC22, LMCV13,

PLT<sup>+15</sup>, SLP08, VS11, WA08]. **SMT-Based** [LLC22]. **Snapshot** [LDC15]. **Snippets** [SWU<sup>+15</sup>]. **Snug** [HL07]. **SoC** [CWW<sup>+16</sup>, ESB<sup>+20</sup>]. **SoCs** [FDF<sup>+14</sup>, SAL19]. **Soft** [BDB<sup>+20</sup>, FWJ<sup>+16</sup>, OK21, WWY<sup>+24</sup>, LKL<sup>+13</sup>]. **Soft-Error** [OK21, WWY<sup>+24</sup>]. **Software** [Abd20, BCHC19, Bis21, DMR<sup>+16</sup>, GSC17, LCL<sup>+14</sup>, MGI15, RCV<sup>+05</sup>, RWFJ19, SBS16, SDK<sup>+22</sup>, SEP07, VCJ<sup>+17</sup>, VZS<sup>+18</sup>, WLLW20, YWXW12, ZGX22, CPB14, CS10, HWH<sup>+11</sup>, HCC<sup>+14</sup>, MMdS06, RVOA08, RCG<sup>+10b</sup>, RTG<sup>+07</sup>, TGAG<sup>+12</sup>, YRHBL13]. **Software-Based** [ZGX22, LCL<sup>+14</sup>]. **Software-controlled** [RCV<sup>+05</sup>]. **Software-Defined** [DMR<sup>+16</sup>, TGAG<sup>+12</sup>]. **Software-Directed** [VZS<sup>+18</sup>, SEP07]. **software-guided** [RCG<sup>+10b</sup>]. **Software-hardware** [Abd20]. **Software-level** [SDK<sup>+22</sup>]. **Software-Managed** [YWXW12]. **Solution** [WLLW20]. **Solving** [JOB<sup>+22</sup>]. **Some** [KAC15, Mic16]. **SortCache** [SJC<sup>+21</sup>]. **Source** [BGG<sup>+15</sup>, EZYA23, HKA<sup>+19</sup>, YRGES<sup>+19</sup>, VOK<sup>+22</sup>]. **Source-adaptive** [YRGES<sup>+19</sup>]. **sourced** [MPHL22]. **Space** [BC13, CAGS17, ESB<sup>+20</sup>, KL19, LHC<sup>+24</sup>, CPP08, IMS<sup>+08</sup>, Nas13, PJ13, VHKP11]. **Space-Efficient** [BC13, Nas13]. **spaces** [BE13]. **Sparse** [ASH20, ACGH24, BJWS18, BKS<sup>+22</sup>, HEDH21, HBPH24, ICEDR24, JOB<sup>+22</sup>, SMN22, SJL<sup>+20</sup>, SJC<sup>+21</sup>, WCW<sup>+24</sup>, XLH<sup>+24</sup>, YAG<sup>+16</sup>, YXMC23, ZBC<sup>+22</sup>, ZPH<sup>+23</sup>, BR13]. **Sparsification** [XDW<sup>+23</sup>]. **Sparsity** [RJK24, XSF<sup>+23</sup>]. **Sparsity-Aware** [RJK24]. **Spatial** [CKP<sup>+22</sup>]. **Spatiotemporal** [LAAMJ15, PL23]. **SPCM** [HASA16]. **SPEC2006** [HPBS21]. **SPEC2017** [HPBS21]. **special** [CDM13, SHC13, SD12]. **Specialization** [ANS<sup>+22</sup>, BB21, FBC<sup>+22</sup>, LLS23, YAG<sup>+16</sup>]. **Specialized** [GáSÁ<sup>+16</sup>, RAF22, GÁSÁ<sup>+13</sup>]. **species** [NCC13]. **Specific** [CGP23, GMZ<sup>+21</sup>, UDLD20, CZGC20, PRMH13]. **Specification** [ZPH<sup>+23</sup>]. **SpecTerminator** [JHQ23]. **Spectral** [SBC05]. **Spectrum** [WZY<sup>+24b</sup>]. **Spectrum-Based** [WZY<sup>+24b</sup>]. **Speculation** [KS21, MGI15, GPL<sup>+05</sup>, SHLM14]. **Speculative** [JHQ23, VS08, DC07, GPL<sup>+05</sup>, LCH<sup>+04</sup>, LHY<sup>+06</sup>, LZ12, LHZ13, NTG13, VS11, XIC12, XC06, YRHBL13, ZSCM08]. **speed** [GB06, RPE12]. **Speeding** [GGS<sup>+19</sup>]. **SpGEMM** [ZBC<sup>+22</sup>]. **Spiking** [CRC<sup>+21</sup>]. **spill** [XT09]. **Spilling** [CBD15]. **Spin** [ZMLL24, ZML<sup>+24</sup>]. **Spin-based** [ZMLL24, ZML<sup>+24</sup>]. **Spintronic** [CRC<sup>+21</sup>, RKC<sup>+20</sup>]. **split** [RFD13, TBS06]. **splitting** [WWY<sup>+12</sup>]. **SplitZNS** [HFL<sup>+23</sup>]. **SPM** [KE15]. **SpmV** [BJWS18, ZLYZ16]. **SpmxV** [KGK10]. **sporadic** [ZGC<sup>+12</sup>]. **spurious** [BCVT13]. **SPX64** [SDZ<sup>+21</sup>]. **Squash** [SKS23]. **SR** [DCP<sup>+12</sup>]. **SR-IOV** [DCP<sup>+12</sup>]. **SRAM** [GBD<sup>+15</sup>]. **SSA** [AvRF07, BZS13, CBD15, PBCB22]. **SSA-based** [AvRF07]. **SSA-form** [PBCB22]. **SSD** [CKL<sup>+24</sup>, HWJ<sup>+15</sup>, KHS<sup>+14</sup>, SLH<sup>+20</sup>, WZWW23, XDW<sup>+23</sup>]. **SSD-HDD-hybrid** [CKL<sup>+24</sup>]. **SSD-SGD** [XDW<sup>+23</sup>]. **SSDs** [FYI<sup>+24</sup>, HFL<sup>+23</sup>, LHS<sup>+24</sup>, SLS<sup>+21</sup>]. **Stabilization** [SHD15]. **stack** [CH06, VS08, SCEG08]. **Stacked** [CWMC16, DVG<sup>+23</sup>, LGP<sup>+16</sup>, NRQ16a, NRQ16b]. **Stacking** [APBR16, ZSLX13]. **Stacks** [ZGX22]. **stage** [ZZL<sup>+21</sup>]. **Star** [ZF24]. **State** [CSF<sup>+20</sup>, DWF<sup>+23</sup>, GPL<sup>+05</sup>]. **Static** [AFD12, BHC<sup>+16</sup>, PLG19, SHY14, TPB24, JSM<sup>+04</sup>]. **statically** [NED<sup>+13</sup>]. **Stealing** [CG15a, CMAP22, MN24, ZCQ<sup>+19</sup>]. **Stencil** [CNS<sup>+16b</sup>, DKB<sup>+20</sup>, KFJ20, SHS<sup>+20</sup>, XFS<sup>+19</sup>, LFC13]. **Stencil-Based** [XFS<sup>+19</sup>]. **Step** [Lou19]. **Stopping** [SKS23]. **Storage** [CKL<sup>+24</sup>, DZL<sup>+24</sup>, HLZ<sup>+24</sup>, KBB<sup>+14</sup>, LTX16, WZX<sup>+24</sup>, XZW<sup>+22</sup>, KKL<sup>+24</sup>]. **Store** [KKAR16, XZW<sup>+22</sup>, LHWB12, SL09].

**Stores** [PLG19]. **Strategies** [MRK<sup>+22</sup>, WYCC11]. **Strategy** [KFJ20, YCCY11, ZHD<sup>+04</sup>]. **Stream** [LT19, LK24, XCC<sup>+13</sup>, YWXW12, MG13, YZL<sup>+10</sup>]. **Stream-Based** [LK24]. **Streaming** [CNS<sup>+16b</sup>, MKKE15, PC13, WO13]. **Streaming-Based** [CNS<sup>+16b</sup>]. **Streams** [S JL<sup>+20</sup>]. **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<sup>+23</sup>, WWY<sup>+12</sup>]. **Structured** [BDB<sup>+20</sup>]. **Structures** [IPSD21, FLG12]. **STT** [LZL<sup>+13</sup>, PLK<sup>+19</sup>, RTK15, WDX14]. **STT-RAM** [LZL<sup>+13</sup>, WDX14]. **STT-RAM-based** [PLK<sup>+19</sup>]. **studies** [LB10]. **Study** [CPS<sup>+15</sup>, SKAEG16, SSRS15, MSF<sup>+07</sup>]. **Studying** [CBD15]. **Sub** [ABP<sup>+17</sup>]. **Sub-Sequences** [ABP<sup>+17</sup>]. **Sublining** [HEDH21]. **subranked** [CCZ13]. **Subsetting** [AJK<sup>+12</sup>]. **Substrate** [ZZH<sup>+23</sup>]. **subwords** [SJV08]. **Suite** [CCM<sup>+16</sup>, DDT<sup>+17</sup>]. **Sunway** [AYL<sup>+18</sup>, MLC<sup>+23</sup>, ZFF<sup>+18</sup>]. **Supercomputer** [AYL<sup>+18</sup>, ZFF<sup>+18</sup>]. **Superpages** [WLL<sup>+19</sup>]. **Superscalar** [BEE15, MMS15, SRLPV04]. **Superscalars** [HYBR<sup>+15</sup>]. **Supervised** [ASP17]. **supplied** [YZL<sup>+10</sup>]. **Supply** [HAM17, HAM19, MST<sup>+21</sup>]. **Support** [BKS<sup>+22</sup>, KFEG18, LZZ<sup>+22</sup>, ME15, MTPK24, SBC<sup>+22</sup>, SKAEG16, ZZB<sup>+19</sup>, CWC06, DMG13, EAH<sup>+20</sup>, LMJ<sup>+13b</sup>, SLA<sup>+07</sup>, ZSCM08, ZZQ<sup>+05</sup>]. **Supporting** [WLL<sup>+19</sup>, SHC13]. **Surrogate** [BOEN23, GGS<sup>+19</sup>]. **Survey** [ICEDR24]. **SW** [KMG14, TS15]. **SW/HW** [TS15]. **SW26010** [JYM20]. **Swap** [WLX24].

**switch** [ASK13, BRSJG12, CPB<sup>+07</sup>, GWM07, LS10]. **switch-to-switch** [BRSJG12]. **SWITCHES** [DT17]. **Switching** [MSFC21, DMG13]. **SYCL** [PSL<sup>+23</sup>]. **symbiosis** [EE12]. **Symbolic** [LLS23, ZLJ18]. **SYmmetric** [PS12]. **Symmetry** [GSC17, ZDC<sup>+16</sup>]. **Symmetry-Agnostic** [ZDC<sup>+16</sup>]. **Synchronization** [DAKK19, GWC22, MNSC16, SLJ<sup>+18</sup>, CCPG13, ZSCM08]. **Synchronization-Aware** [SLJ<sup>+18</sup>]. **Synchronous** [PBCB22]. **SynchroTrace** [SLJ<sup>+18</sup>]. **Synergistic** [VGX16]. **Synthesis** [DJC16, GSC17, MMLS21, SJD22, SSW<sup>+19</sup>, SSB<sup>+20</sup>, UDLD20]. **Synthesizer** [DS16]. **SYRANT** [PS12]. **System** [Abd20, AJK<sup>+12</sup>, CC18, CSW<sup>+23</sup>, GBD21, HPBS21, HHC<sup>+16</sup>, HHW<sup>+22</sup>, LYK<sup>+15</sup>, LCS<sup>+19</sup>, LWC<sup>+22</sup>, LZW23, LZS<sup>+24</sup>, MMGS21, MGSH16, PDY<sup>+23</sup>, PLT<sup>+15</sup>, SBS16, SWF16, TKKM15, VOK<sup>+22</sup>, VKM<sup>+21</sup>, ZFT<sup>+18</sup>, ZZL<sup>+21</sup>, CDPD13, HCC<sup>+14</sup>, KBR<sup>+13</sup>, LWH11, SSPL<sup>+13</sup>, TBC<sup>+12</sup>, WSC<sup>+13</sup>]. **System-** [PLT<sup>+15</sup>]. **System-Level** [LCS<sup>+19</sup>, LZW23, ZZL<sup>+21</sup>]. **Systematic** [EMR14]. **Systematically** [JLJ<sup>+18b</sup>]. **Systems** [AGG21, ANS<sup>+22</sup>, APG<sup>+23</sup>, CNS16a, CKPH19, CWK<sup>+24</sup>, DNS<sup>+24</sup>, FMY<sup>+15</sup>, FPMR21, GTT<sup>+16</sup>, HYYBM16, JED19, KE15, KTAE16, KAC<sup>+18</sup>, KHN<sup>+18</sup>, KMAK22, LK24, LMA<sup>+16</sup>, LYH16, MMT<sup>+12</sup>, MKKE15, MSFC21, NRQ16b, OKJ<sup>+22</sup>, PLK<sup>+19</sup>, PG17, PBY<sup>+17</sup>, PGB16, SKP<sup>+22</sup>, SPS17, TMP16, TPN<sup>+20</sup>, TCS16, USCM16, WGO15, WLL<sup>+19</sup>, XHJY16, ZDC<sup>+16</sup>, ZSM<sup>+16</sup>, CPP08, CWCS13, DXMJ11, GK13, GHS12, HS06, HWH<sup>+11</sup>, KNBK12, KGK10, LMJ<sup>+13b</sup>, LCL<sup>+14</sup>, LHZ13, LFC13, LHWB12, MP13, NCQ14, YRHBL13, ZVYN05, ZPC06, ZCW10, ZDC<sup>+12</sup>]. **Systolic** [LY24, SMN22, XMW<sup>+21</sup>, YSD<sup>+23</sup>].

**tables** [CPB14]. **TACO** [Aca16, Ano15, Ano13a, Ano13b, Bil19]. **TACOMA** [AVG12]. **Tactics** [CZGC20]. **TAFFO** [CCCA20]. **TAGE** [Mic18]. **TAGE-like** [Mic18]. **Tagged** [CTY+23]. **TaihuLight** [AYL+18, ZFF+18]. **tail** [SLS+21]. **taken** [PS12, PS12]. **Taking** [SWU+15]. **Tall** [BHWN21]. **Tall-and-Skinny** [BHWN21]. **taming** [ZBH+13]. **target** [LBJ05]. **Targeting** [KPRK20]. **Targets** [SAL19]. **Task** [APS22, CCM+16, CMAP22, DHD+14, GTT+16, KKAR16, LLC22, MPPS18, RHC15, SN17, SDH+15, ZCQ+19, ZWY17, CG14, LMJ+13b, VTN13, ZYCZ10, APS22]. **Task-Parallel** [APS22, DHD+14, MPPS18, SN17]. **Task-RM** [APS22]. **Task-stealing** [ZCQ+19]. **Tasks** [DT17, MKKE15, PVS+17, PWP19, ZGC+12, PWP19]. **TEA** [HLZ+24]. **Technique** [BSG23, HNKK17, PGB16, XT09]. **Techniques** [ATGN+13, DJC16, HAC13, VZS+18, YMM+15, MMdS06, MG12, RCG+10a]. **technologies** [WLZ+10]. **Technology** [WZX+24, NED+13, RWY13]. **Temperature** [CS21, MBLK24, SSS+04, MSF+07]. **Temperature-aware** [SSS+04]. **temperature-constrained** [MSF+07]. **Template** [UJW15]. **Temporal** [HLZ+24, TKJ13]. **Temporal-based** [TKJ13]. **Tenant** [FCD+17, KLA+19]. **Tensor** [ACGH24, BKS+22, GGK18, SMS23, ZPH+23, WZWW23]. **Tensors** [LY24]. **tenure** [RBM10]. **TEP** [LP17]. **Test** [KPM21, SV05]. **Test-pattern** [KPM21]. **Tetris** [XT09]. **Tetris-XL** [XT09]. **Thefts** [GAH22]. **Their** [SKS23, ZG05]. **Theory** [YDL+17, YDS+19]. **Thermal** [LMMM08, MRK+22, SKP+22, CK11, WA08, ZYCZ10]. **Think** [TIP+23]. **Thread** [CDPN16, DSR15, HAM+20, LMZ18, LWL18, LYH16, MGI15, PGB12, RCG+10a, SF18, TAB+21, YBSY19, BTS10, CCPG13, DEE13, GPL+05, LHZ13, MSF+07]. **Thread-Aware** [LYH16]. **Thread-Data** [LWL18]. **Thread-Level** [LMZ18, MGI15, YBSY19, GPL+05]. **Thread-management** [RCG+10a]. **Threaded** [GVT+17]. **Threading** [KS16, TCS20]. **Threading-Based** [KS16]. **Threads** [BAZ+19, GB06, LZ12, ZSCM08]. **Three** [VFW16]. **Threshold** [HK14]. **Throughput** [CSW+23, EMR14, KCA+13, SAG22, BKA13, BTS10, OGK+12, TBC+12]. **throughput-oriented** [BTS10]. **throughput/watt** [TBC+12]. **Tiered** [CWMC16]. **Tightly** [Abd20]. **Tile** [MBY13, MMGS21]. **Tiled** [KPP+15, MFSK24, SYE19, ZCF18, CC13]. **Tiled-MapReduce** [CC13]. **Tiles** [ZC20]. **Tiling** [CC13, SHS+20, XLH+24, ZGP15, BCVT13]. **Time** [BC13, BNS+21, CSF+20, CCL+24, CEP+16, DPBI+19, HZN+22, KE15, KTAE16, LWW+24, Nas13, PKPM19, SEF+19, WZY+24b, CCD12, GK13, KHL+13, LTG12, LMCV13, RGG+12, ZGC+12]. **Time-BC13**, **Nas13**. **Time-Aware** [WZY+24b]. **time-critical** [RGG+12]. **time-series** [LTG12]. **timekeeping** [WM11]. **Times** [ACGH24]. **timestamp** [RLS13]. **timestamp-based** [RLS13]. **Timing** [AGG22, AMS23, BB21, Bis21, JFK20, LAS+13, LFK19]. **Tiny** [LY24]. **TL** [ZGC+12]. **TL-plane-based** [ZGC+12]. **TLB** [CTY+23, DHX+22, JED19, LMJ13a, LBM13]. **TLB-pilot** [DHX+22]. **TLBs** [LBM13]. **TLC** [PM17]. **TLP** [LMZ18, SNL+04]. **TNT** [RKL23]. **Token** [RBM10]. **token-counting** [RBM10]. **Tokens** [ZFL18]. **TokenSmart** [SSS+23]. **Tolerance** [AAI+16, RCV+05]. **Tolerant** [DSH+18, HAM17, LCC11]. **Tolerating** [KWCL09, YLTL04]. **Tomasulo** [WLZ+13].

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