Title word cross-reference

2 [BSL17]. 3 [CAY+18, CWMC16, LGP+16, NRQ16b, SZJK18, ZSLX13]. 3 [CCZ13, DDT+17]. K [Abd20]. QR [BHWN21]. Z [SLM12].

- D [CAY+18]. - means [Abd20]. - polytopes [SLM12].

-channel [LCL+14].

000-core [DAKK19].

2014 [Aca16, Ano15].

4.0 [KHB+20].

6 [KWM+08]. 64-bit [BWLR06, VED07].

7 [BKM+17]. 754 [LDG+13].


Accelerating [Abd20, BHWN21, GÁSÁ+16, HAC13, RVKP19, WFKL10]. Accelerator [CLA+19, MCB+12, MMLS21, YCA18, LHWB12, TWB21, VDSP09].
accelerator-bound [LHWB12].

Accelerator-bound [CLA+19].

Accelerators [JHHM21, KCA+13, KMG14, MTK18, USCM16, BKA13, CI13].
Access [CG15b, CS19, GFD+14, HK14, LGP+16, LHC+17, LWS+19, LTX+16, PWE20, SKH+16, XHJ+16, XVT+20, CLA+19, FTL11, HLR+13, HCC+14, JSH09, KCKG14, LWH11].

Accessces [CSY20, HEDH21].

Accounting [LMA+16, DEE13, LV+13].

Accumulate [CG15b, CSY20, HEDH21].

Active [LCP+16, DEE13, LMCV13].

Adaptive [AAG+14, HK14, KKW+15, LRB+16, WM11, AGI+12, JML+16, MAN+08, RBM10, SW13, YRGE12, ZK05].

Adaptively [ZCF18].

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Address [AKBS21, BDB+20, JED19, OAM19, SKEG16, CCZ13, VS08, ZPC06].

Address-first [OAM19].

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Affine [AP17, NCC13, SLN12].

Against [BCH19, ERAG+16, PHBC17, BVIB12, ZHS+19].

Agent [JPS17].

Aggregate [LY16].

Aggregation [AYC16].

Agressiveness [PB15].

Aging [DGI+14, KKW+15, LRBG15].

Aging-Aware [LRBG15].

Agnostic [SLJ+18, ZDC+16].

agreement [GMW09].

Ahead [PKPM19].

 Ahead-of-Time [PKPM19].

Aho [CW13, PLL10].

AIM [AYC16].

ALEA [MPW+17].

Algorithm [BC13, DGI+14, DTD16, BRSG12, CW13, CDP13, HAJ+12, PLL10, XCO6, ZGC+12].

Algorithmic [AAI+16, NCC13].

algorithms [OGK+12, VTN13].

Allocation [DHD+14, KPM21, PS12, RTK15, BZS13, CS10, GW09, RB13].

allocator [DHC+13].

ALP [SLA+07].

Alternative [Mic18, SKP19].

Analogue [DSK19].

Analyses [SGS+20].

Analysis [CLA+19, DZL120, DSR15, GAM12, JK17, KR19, LMZ18, MM+06, SQZK10, SSW+19, VTN13, VGX16, XFS+19, ARS04, AFD12, FER+13, JOA+09, Nas13, SV05, SMK10, ZCW10].

analytic [XMM04].

Analytical [BEE13, SDA+07, VNS11].

Analytics [KPP21].

Analyzing [WLWB19].

Anatomy [LCP+21].

Annotation [MGA+17].

Anomalies [LDC15].

Anticipating [LJMG12].

API [CI13].

Application [GTT+16, PLT+15, UDLD20, AS13, GASA+13, RV+12, SB09, TDP15].

Application-Guided [GTT+16].

Application-Level [PLT+15].

Application-Specific [UDLD20].

Applications [ASS17, AZG17, CPG21, DMR+16, DTD16, DPBI+19, FWJ+16, GR15, HDW21, JYE+16, KPRK20, LWS+19, NKE16, RHLA14, RSM+20, RMA14, RBBN15, WZG+19, XFS+19, CS13, DWD13, HLR+13, KBMK12, MBM12, STL12, SOV5, SLA+07, SLM12, YLTL+04, ZG05].

Applied [LB10].

applying [ZWHM05].

Approach [AZG17, CNS+16b, EMRI14, FDF+14, GKK18, KSA16, TS15, WAST16, WZG+19, ZX16, FT10, SSR13, WJLY10, YJTF13, ZCS06].

approachable [WHY+13].

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Architecting [CPB+07].

Architectural

[CPS+15, DCP+12, HEMK17, KLA+19, ME15, WAST16, WZG+19, YHYBAM20, IMS+08, SB09, ZZQ05, CWC06].

Architecturally [KBB+14].

Architecture [HK14, KAC+18, LWS+19, OK21, PVS+17, SLJ+18, SM19, SHY14, SWF16, VC16].
VFJ+17, XVT20, ZFT+18, ARS04, BVIB12, BWG+12, CPB+07, DJX13, GKP14, GSZH10, JYJ+13, JA14, LNKL13, PM12, STLM12, SNL+04, SRLPV04, SSPL+13, ZK06, Architecture-Agnostic [SLJ+18], architecture-independent [BVIB12].

Architectures

[AJE+16, ASK+16, ASP17, CG15a, CEP+16, CDPN16, GR15, HAM17, HAM19, JLJ+18a, LAS+13, LGM14, PT17, RMA14, SJL+20, ZLYZ16, ZCQ+19, BBG13, BWLR06, BTA10, CG14, CK11, CDM13, KCP13, LKL+13, OGK+12, RCV+12, SSK11, SD12, SB09, TC07, TDLG13, VE13, YKK+12].

Area [LAS+13, SB09]. area-efficient [SB09]. ARI [FQRG13]. Arithmetic [LVR+15, UDL+20, BWG+12]. ARM [CDL16, LHW+19, SHY14, SPH+17]. ARM-to-x86 [LHW+19]. ArmorAll [KPR20]. Array [DSK19, W17, BWLR06, KLM12].


Asymmetric

[ZCQ+19, CG14, CCGP13, PCT12, SW13]. Asymmetry [LHW+19]. Attack [LKF19]. Attacks [BCH19, ERAG+16, PHBC17, ZHS+19, BVIB12, CCD12, DJL+12].


[AMG16, DSK19, HEDH21, JLL12, LBO14, LT13, MGA+17, NC15, RB13, WLZ+13, WGO15, WM10, XZC+20, SPS12, WKS12]. Automatically [VZT+20]. Automating [TWB21]. Automotive [FWJ+16].

Autonomously [DG1+14]. Autotuning

[AMP+16, CCCA20, SYE19, YAG+16, KBR+13, LFC13]. Availability [OK21].

Avionics [DPBI+19]. AVPP [OAM19]. Aware [ACA+19, DG1+14, CG15a, DTD16, DHD+14, GVT+17, KFEG18, LYH16, LRBG15, PVA+17, PG17, RSK+18, SEF+19, SLJ+18, SKH+16, SJK18, SKPD19, USCM16, WLZ+13, WJX+17, ZCQ+19, ZWY17, CPB14, CG14, CLA+19, CWCS13, EE09, GGFPRG12, HAM+20, NB13, SSS+04, SAL19, SL20, SEP07, WYJL10, WSC+13, WDXJ14, ZYCZ10, ZDC+12, ZK06].

Awareness [HLSW17, LKL+13].

Bahurupi [PM12]. Balancing

[LLRC17, PGB16, WWH+16]. Band [SPS17]. Band-Pass [SPS17]. Banded [BLS17]. Bandwidth

[LG+16, LDMZ19, ZCQ+19, DZC+13, WYJL10, XCC+13]. Bandwidth-Asymmetric [ZCQ+19].

Bank [JFK20, LCL+14]. bank- [LCL+14]. bank-/channel-level [LCL+14]. banked [AGI+12]. Banks [ZCF18]. Based

[AJE+16, CNS+16b, CG15a, CG15b, DR15, DAD16, DAP+15, FDF+14, GAM12, HYYSN16, JPS17, KS16, LCS+19, LTX16, LY16, MRC+16, MKT18, NC15, SBS16, TAB+21, WGO15, WDX15, WCI+16, WWC+16, WMGS19, WLLW20, XHJY16, XFS+19, YHYB20, Z19, ZLC+15, ZSM+16, AVRF07, BCV13, CPP08, CW13, GKL13, HLR+13, HAJ+12, HLM14, HWK+13, JYJ+13, JF20, JML+20, KPR20, KBR+13, LBO14, LTG12, LCL+14, LHW12, OK21, PLK+19, RLS13, SS04, SKKB18, TKJ13, WSC+13, WTXF14, ZHD+04, ZGC+12, ZFT+18]. Batched

[JYM20]. Bayesian [AMP+16, MMLS21].

Be [SW17a]. Behavior

[HPBS12, AFD07, LS10]. Benchmark

[ABB+16, AYL+18, CCM+16, DDT+17, DS16, BE13]. Benchmarking

[DAP+15, XZC+20]. benchmarks

Characterizing VW11. [KK15, BWLR06, MG13].

Checkpoint [GW09, ARS04, CST].

checkpoint-assisted [CST].

Checkpointing [AEE+19, WZG+19, DXMJ11]. Chief [Kae20].

Chip [BKM+17, CPS+15, CEP+16, DJJC16, EPS18, LBM13, VFW16, APG13, BKA13, CK11, EE11, GSZ10, JPS17, LWWH12, LT13, LNKL13, LAS+08, LM05, LPZL12, LMM08, SSH19, SMK10, TDG13, XCC+13].

Clustering [CST].

Coarse-Grained [LMSE18, MAD17, KCP13].

Coarsening [LCS+19, ZM15]. choices [VE13].

Chunking [MG20].

Circuit [ZFT+18, DJX13].

circuit-architecture [DJX13].

Circuits/Cores [KKW+15].

Citadel [NRQ16a].

Class [AAI+16, PAVB15].

Classification [DRHK15, MCC15, MCB+12, SNN+19, CDPD13, LJM13a, NCC13]. client [KWM+08].

Clock [CCL+13].

Cloud [QYZ+14, XZC+20].

Clouds [SDS+21].

Cluster [SKKB18, YCA18, TC07].

Clustered [LZM14, MMS15, ACGK04, SW13].

Clustering [MNC+16, WMGS19, DS12, JLCR13, SB09].

Clustering-Based [MNC+16, WMGS19].

Clusters [KHS+14, MMS15].

CMP [CPB+07, LMCV13, SSK11, SLJ+18, WM11].

CMPs [ABK21, LMJ13a, LY16].

CNs [JML+20].

Co [AHA+19, JPS17, KH+18, ZFT+18, DJX13, YLW08].

Co-location [KHN+18, YLW08].

Co-optimization [JPS17, ZFT+18, DJX13].

Co-Processor [AHA+19].

coalescing [SSU+13].

coalescing-lowering [SSU+13].

Coarse [LMSE18, MAD17, TD16, KCP13].

Coarse-Grain [LMSE18, MAD17].

Coarse-Grained [TD16, KCP13].

Coarsening [SF18].

CODA [KHN+18].

Code [DKK+21, CZ07, DSK19, KL19, PAVB15, PKPM19, SYE19, AvRF07, CDM13, GNB08, HLR+13, HS06, JLER12, KBR+13, LKL+13, LBJ05, LZY09, LHY+06, PKC12, RCG+10b, VJC+13, ZK05, ZWH05].

code-positioning [ZWH05].

Codelet [DAP+15].

Codes [CWMC16, TZK18, AFD07, AFD12].

Codesign [KCA+13].

Collected [KMG14].

Coding [PM17].

Coherence [DRHK15, KBB+14, KAC15, MMdS06, SSH+13, VHKP11]. coherent [APG13].

collaborative [FT10]. collapse [CWC15].

Collection [ASV+16].

Collective [FT10].

collector [WK09]. colocated [DWDS13].

Colocation [LSL20].

Coloring [YWXW12, LFX09].

Combination [LDMZ19].

Combinatorial [SKPD19, SSR13]. combined [BWG+12].

Combining [VSP+12, YRGE+19].

Commodity [WDX15]. common [WK09].

Communication [DSR15, HAM17, TN20, XDXL19, HWX+13, SSPL+13, TC07].

communications [ACGK04].

Compact [HMK17, SHC13]. compaction [WK09].

Comparability [YWXW12].

Comparative [LAS+08].

Comparators [VIE+14].

comparison [FBWS15].

CompEx [PM17].

Compilation [DMR+16, LT19, LRBG15, PKPM19, RVK19, SYE19, SN17, ZC20, CI13, JXK, KHL+13, LBO14, LZY09, PC13].

Compile [KTAE16].

Compile-Time [KTAE16].

compiled [NED+13].

Compiler [AMP+16, ABP+17, CCD12, DZSL20, DMG13, EAH+20, EPS17, GGK18, HNKK17, HYAR+15, KPRK20, KPP+15, LFX09, MNC+16, MG12, NHH16, NC15, PHBC17, ZSCM08, ZB16, CYX13, DC07, HWBM14, HLC10, JOA+09a, JOA+09b, KBR+13, KMW+08, LZX+13, LCH+04, TR13, YXK+12, ZHD+04].

Compiler-Assisted [HNKK17, PHBC17].
Compiler-based [KPRK20, ZHD+04].
Compiler-Directed [HYAR+15, LFX09].
compiler-guided [LZL+13].
Compiler-Oriented [GGK18],
Compiler-support [EAH+20].
Compiler/Runtime [KPP+15].

Compilers
[SAT20, CDM13, HEL+09, SD12]. Complex
[SHD15, vdVSAAS20, SLA+07].
Complexities [GGH15, ZBH+13].
Complexity [GG18, KAC15, CPP08,
DJL+12, RHS06, SRLPV04].
complexity-effective [RHS06].

Component [LGAZ07], Comprehensive
[CPS+15, HKA+19]. Compressed
[SSW16, DZC+13]. Compression
[BC13, CS21, KPM17, LMSE18, PM17,
SW17a, KGK10]. Compression-Expansion
[PM17]. Compression/Decompression
[LMSE18]. Compressive [WCH+16].

Compromising [Bi21]. Computation
[CWW+16, HAM17, JHHM21, KHN+18,
VZT+20, DDU12, LFC13].

Computationally [DSH+18].
Computation
[PAVB15, SQZK20, SHS+20, CYXF13].
Computing
[DDSL20, DSH+18, KH+14, LCS+19,
Lou19, ME17, PWD19, SW7b, TCS16,
XZC+20, ZLYW18, ZLC+15, AVG12, LM05].
conceived [APG13]. Concurrency
[AAI+16, GMMGP14, ME17]. Concurrent
[LDMZ19, PC16]. Conditional [Mic18].
conditional [JSL13]. Configurable
[NRQ16b, TGKR21, HVJ06, LZL+13].
Conflict [JFK20, WZ+20].
Conflict-based [JFK20]. Conflict-free
[WZ+20]. conflicts [TGAG+12].
Congestion [YRGES+19]. connected
[BRSGJ12]. conscious [LZY09].
Conserving [LYYB07]. Considerations
[HMYZ15, MTK18, LM05]. considering
[AVG12, HP04]. Consistency [NZ15].
Constrained
[LCM+14, MSF+07, NMS06, ZK05].

Constraints
[AEJE16, CSF+20, KCA+13, WYJL10].
Construction [DPBI+19]. Consumption
[BNS+21, FCD+17, GFD+14, LGG12,
LYBB07, VED07, ZHD+04]. Contech
[RHC15]. content [KS11]. contention
[CWCS13]. Context
[EPS17, DMG13, LS10]. continual [JA14].
Continuous [TR13]. Control
[AP17, BRJ15, HAC13, HHC+16,
SMK15, SKH+16, YRGES+19, CWC06,
FSYA09, IWP+17, MBKM12, TG07].

Control-Flow [SMK15]. Controlled
[ASS17, RCV+05]. controller [AGI+12].

Conventional [NRQ16b]. conversion
[CS13]. Converting [HLC10]. Convolution
[ADGA20, LCP+21, FBWS13].

Convolutional
[GG18, JHHM21, TDP15, ZEF+18]. cooling
[AVG12], cooling-computing [AVG12].

Cooperation [TZK18]. Cooperative
[Abd20, DNT16, JPS17, JDZ+13, LBM13,
SHLM14]. Coordinated
[LDMZ19, ZDC+16]. coprocessor
[LDG+13]. Corasick [CW13, PLL10]. Core
[CHE+14, CC18, FM+15, JIL+18a,
LB13, PV+17, SPS17, SPH+17,
TGRK21, ZLYW16, DAKK19, JYM20,
LNLK13, OGK+12, PM12, ZGC+12].

Cores
[CAY+18, DT17, HYYAM16, JPS17,
KKW+15, MMS15, TCS20, TDO16b,
ZCF18, GB06, NTG13, PCT12, SW13,
WYJL10, WFKL10]. CoreUnfolding
[APBR16]. Corner [DDT+17]. Correct
[DPBI+19]. Correct-by-Construction
[DPBI+19]. Correcting [SPM17, TZK18].
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[DG1+14, CWM16, Le16, LSC+15, LDC15].
Correctness [PD17]. correlating [TKJ13].

Coscheduling [PGB13]. Cost
[KBB+14, LGP+16, SSW16, SKPD19,
YEI+14, AGI+12, DC07, FBHN04, MA08].

COTS [RGG+12]. Could
Criticality [ERAG]. Cross-accelerator [TWB21].

RMA14, RTK15, SKH [BSL17]. D-Stacked [WCI]. Counter-Based [WCI+16]. Counters [NDP17, RLS13]. counting [RBM10].


Cross [ERAG+16, LGAZ07, LVR+15, OTR+18, SWF16, TWB21, WAST16, ZLYZ16]. Cross-accelerator [TWB21].


Cryptographic [Bi21]. cryptography [AS13]. CTA [LDMZ19]. CUDA [KBR+13, NC15, VJC+13, WG17].

Customized [CPG21]. cycle [DEE13, RLS13].

d [BSL17, CAY+18, CWMC16, LGP+16, NRQ16b, SZJK18, ZSLX13]. d-Packed [BSL17]. D-Stacked [LGP+16, NRQ16b].

DAPSCO [GGPPGR12]. dark [PCT12].

DarkCache [ZCF18]. DASH [USCM16].

Data [ASH20, AMG16, CDPN16, DAKK19, EPS18, ESR+15, EAH+20, FXC+15, GAM12, HAM17, HAM19, HLSW17, IPSD21, JLI+18a, KPM17, KHN+18, LWL18, ME15, ME17, MTK18, MNSC16, MGA+17, MSGH16, NKH16, NSF+21, PD17, RMA14, RTK15, SKH+16, SJL+20, SWO21, TDP15, VFJ+17, WGO15, WZG+19, YMM+15, ZLYW18, AVG12, BSWLE13, CS10, CA11, CDPD13, CWCO6, FER+13, FLG12, HLR+13, HLO7, LWHL11, LJMG12, PC13, RB13, RFD13, STLM12, TG07].

Data-Driven [ME15, ME17, ASH20].

data-flow [PC13]. Data-Parallel [MGSH16, NKH16].

Data-Race-Free [MNSC16]. Data-Rate [EPS18].

Data-Traversal [RMA14]. Database [BAZ+19]. Datacenters [XVT19, ZFL18].

Dataflow [CPG21, DT17, KPP+15, MMT+12, VTN19]. Datapath [IWP+04]. Datasets [WLWB19].

DawnCC [MGA+17]. DCMF [KFJ20].

DCNNs [ESB+20]. DDR4 [TKM14].

DDRRoC [EPS18]. Dead [MPPS18].

Dead-Block [MPPS18]. Deadline [LZM14, USCM16]. Deadline-Aware [USCM16]. Deadline-Constrained [LZM14].

deadline-free [BRSG12]. debugging [VDSP09]. debug [JSM+04, SS04].

Declarative [CZGC20]. decoders [Zha08].

Decoding [CAMJ15]. Decomposition [BHWN21].

Decompression [LMSE18].

Decoosing [CFH+12]. Decoupled [VPTS19, BZS13, DHC+10, RVOA08].

Decoupling [HAM17].

Decrementing [SWO21]. Deep [ASK+16, JLI+18a, MWJ19, RSK+18, WWW+21, XDLX19].

Deeply [GKE17]. Def [CPG21].

DEFCAM [LC11]. defect [LC11].


DefT [VHKP11]. Delta [DZC+13]. Delta-compressed [DZC+13].

Demand [BRJM15]. Dense [CWW+16].

Dependence [BRJM15, DHD+14, JK17, SLO9, TG07, VTN13]. Dependence-Aware [DHD+14].

dependences [BCVT13].

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dependent [YZL+10]. Deployments [vDSAS20]. depth [HP04]. Design [CSF+20, CKPH19, CPS+15, ES+20, HJW15, KWM+08, RTK15, SZJK18, SPH+17, SLO9, VKP11, VKM+21, WLY+10, BE13, CPP08, IMS+08, LB10, LCC11, LHZ13, VE13, ZK05]. Designing [BKA13, BSWLE13, MSGH16]. Details [FMY+15].

Detecting [DSR15, KS11].
Detection [BDB+20, CEP+16, LHC+17, MNSC16, SLH+20, WCI+16, YEI’14, LKL’13, TBS06, TDG13, VHKP11, WTF04].

Deterministic [CCL’13, VSDL16, WV11].

Detonation [CAY’18].

Devectorization [KMG14].

Development [VCJ’17].

Device [RLBBN15].

Device-Level [RLBBN15].

Devices [TKM14, NMKS06, ZK05].

DFA [BC13].

Diagnosing [JLJ+18b].

Diagnosis [BSO07].

DiagSim [JLJ+18b].

Dirty-Block [PT17].

Direct-Mapped [LLRC17].

Die-Stacked [CWMC16].

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Direct [DKB+20, LLRC17, YRGES+19].

Direct-Mapped [LLRC17].

Directed [HYAR’15, VZS+18, LFX09, NED+13, SEP07, WM10].

directives [CXW+12].

Directories [PT17].

Dirty [LLRC17].

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discard [LWWH12].

Discovering [YHYBAM20].

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DisIRer [HLC10].

Disjoint [SJA12].

Disk [LYK’15].

Disparate [WLZ’10].

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dispatching [LZ12].

dissemination [LZY09].

Distance [DAD16, GGFPRG12, KR19, FER+13, FTGL11].

distance-aware [GGFPRG12].

Distance-Based [DAD16].

Distilling [JEB+08].

Distinguished [Aca16, Ane15, Bil19, Ane13a].

distribute [RFD13].

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Divergence [LWJ18, SMKH15].

Divergent [GR15].

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Diversity [TDO16b, KNBK12].

DJ [DDU12].

DJ-graphs [DDU12].

DL [THA’21].

DLP [SNL+04].

DNN [XZC+20].

DNNTune [XZC+20].

Do [ZPR’17].

Document [HKA+19].

Doesn’t [LVK12].

Domain [CZGC20, GáSÁ+16, GÁSÁ+13].

Domain-specific [CZGC20].

Domains [SW17a].

DPCS [GBD+15].

DPM [GK13].

Dragonfly [CVB15].

DRAM [CKPH19, CAGS17, HCC+14, JLCR13, LLRC17, LCL+14, NCQ14, OTR+18, TKM14, VPTS19, XHJJ16].

DRAMCache [PG17].

DRAMS [LSC+15].

Drift [SZJ18].

Driven [ME15, ME17, PB15, ZWS+16, ASH20, CDM13, FTGL11, SLP08, WTF04, XT09, ZC06].

Dropping [GFD+14].

DSL [PBY+17].

DSPs [VCJ’17].

Dual [EPS18, WZG+19].

Dual-Page [WZG+19].

DUCATI [JED19].
duplication [KSL1, LKL+13].

DVFS [EE11, GKI3].

dynamic [BHC+16, CCA20, DGG16, DD16, DJB13, FER+13, FTGL11, FSYA09, GAM12, GDL16, GBD+15, HWL+19, KE15, KPP+15, KM14, KKAR16, LKL+13, Lee16, LPZ12, LSL20, LTX16, LWH+19, MG19, MG20, RHCI5, SV05, SGS+20, SHD15, WWH+16, XHJJ16, ZWY17, BBG13, DWDS13, GHS12, HS06, HWH+11, HVJ06, JSH09, LWI11, LJM12, LCL+14, MG12, NED+13, WSC+13, XM04, ZZQ+05].

dynamically [HDW21, LZ12, PGB12, KSI1].

eager [JLCR13].

Early [AKBS21, JOA+09b, SLP08].

Easy [TDG13].

ECC [CWMC16].

ECCs [ZWL+19].

Echo [CSF+20].

EchoBay [CSF+20].

ECS [SPM17].

Editor [Kae20].

Editor-in-Chief [Kae20].

Editorial [CT08, Kae20].

EECache [CPS+15].

effective [GMGZ14, HVJ06, KH18, PGB16, SSW16, SPS17, KWH+05, LWI11, RPS06, SBC05].

effectiveness [JRK16].

Effects [DRHK15, MG15, CK11].

Efficiency [AJK+12, CAMJ15, CSK19, HLSW17, JHMH21, LMSE18, LAAMJ15, OTR+18, OAM19, SL20, TCS16, ZHJ+15, BSWLE13, CWS06, RCG+10a, ZSLX13].

efficient [AYC16, AEE+19, AKBS21, BCI3, CC13, CPS+15, DDU12, DKB+20, DD16, GáSÁ+16, GNB08, HAM19, HAC13, HEDH21, HEMK17, IMS+08, JYM20, KR19,
KAC+18, KH18, KMG14, LWH11, LWS+19, LCD15, MCB+12, MG19, MMLS21, MKKE15, MAD17, NMKS06, NSF+21, PS15, SYZZ+14, SN17, TDP15, TTS19, WZG+19, YMM+15, ZPC06, ZHS+19, ZLJ18, ZQQ+05, APG13, ARS04, CW13, CWCS13, DCP+12, GW08, JSL13, JOA+09a, KH+05, LZY09, LMJ13a, LHZ13, Nas13, PLL10, RFD13, SPGE06, SHC13, SB09, TDG13, WWL+21, XCC+13, ZGC+12, FSYA09, SLA+07.

Efficiently
[NRQ16a, PCT12, RHC15, ZWL+19].

EFGR [TKM14]. Elastic [Per18]. Element [LVR+15].

Eliminating [RCG+10b, SWO21].

Elimination [JLER12, VED07]. Embedded
[GTG+16, GKCE17, KE15, KTA16, CPP08, CDM13, GHS12, MP13, SHC13, SD12, XT09].

embedding [KKM+13]. Emergencies
[RCG+10b]. emerging [DXMJ11, XCC+13].

empirical [AvRF07]. Emulation
[NZ15, TKKM15]. Emulators
[HIHC+16, TKKM15]. Enabled [TGRK21].

Enabling [BG+15, CC18, HNKK17, JYM20, KH+18, SKAE16]. Enclaves
[YGB21]. Encoding [TDP15, ZX19].

Encryption [LIS20]. End
[PFMR21, ZJJ+15]. End-to-End
[PFMR21]. Endurance [WDXJ14].

Endurance-aware [WDXJ14]. Energy
[ABK21, AJK+12, AYC16, ASP17, CPS+15, DH16, GKE17, GFD+14, HMYZ15, JHMM21, JOA+09a, KAC+18, LMSE18, LSC+15, LMA+16, MCB+12, MTK18, MKKE15, MAD17, MPW+17, OTR+18, PM17, RTK15, SW17b, SN17, SB09, TCS16, TTS19, ZJJ+15, ZFT+18, ZCF18, AVG12, BSWE13, CWS06, CWCS13, FBWS13, GWS13, GKP14, LTG12, LGAZ07, LZY09, LMJ+13b, LHZ13, SPGE06, SHC13, TDG13, ZHD+04, ZVYN05, ZGC+12, ZSLX13].

Energy- [SB09]. Energy-Efficient [AYC16, CPS+15, KAC+18, MKKE15, MAD17, SN17, TTS19, JOA+09a, CWCS13, LZY09, LHZ13, SPGE06, SHC13, TDG13, ZGC+12].

Energy-Optimal [SW17b].

Energy-Performance [MTK18, ZCF18].

Energy-Proportional [DH16].

Enforcement [AHA+19, GWM07]. Engine
[HKA+19, LP17, PB15, RMA14, WLZ+13, CW13]. Engineering [SDS+21]. Engines
[MGI15, TBS06]. Enhance [GAM12].

Enhanced [TKM14]. enumeration
[SWH09]. Envelope [RFJF19].

Environment [KMG14]. Environments
[KLA+19, RGG+12, WWWL13]. EOEL
EPS17. Equality [KS21]. Era
[GBD+15, LNLK13, PCT12]. Error
[BDB+20, DGI+14, CWMC16, DSH+18, LSC+15, OK21, SPM17, TZK18, YEI+14, CCZ13, LKL+13]. Error-Correcting
[SPM17]. Error-Tolerant [DSH+18].

Errors [FWJ+16, ZWS+16]. essence
[JEBS08]. Estimation
[WAST16, XHJY17, LTG12]. Estimations
[Lou19]. Estimator [KLA+19]. Evaluate
[TDO16a]. Evaluating [CCM+16, CWS06, HWH+11, SSK11, SAT20, SW17a].

Evaluation [Akr21, BC13, CHE+14, DKB+20, FWJ+16, AvRF07, KWTD09, LCC11, LAS+08, RGG+12, ZK05].

Evaluator [JSL13]. Evaluator-executor
[JSL13]. event [GWM07]. Evolving
[VGX16]. Examining [ZWS+16]. exascale
[DXMJ11]. ExaStencils [KL19]. exception
[HWM14]. Exceptionization [YKM17].

Exclusivity [YDL+17]. Execution
[ASP17, BNS+21, CC18, DT17, GGYK19, GMGZP14, HAC13, HEMK17, KS16, LDMZ19, MG19, ME15, MAD17, NZ15, PVA+17, PS15, SEF+19, SYE19, SGS+20, VSDL16, WLZ+13, ZX19, ZCDD16, ZLJ18, GB06, LZ12, LHZ13, SJA12, VTN13, XIC12, ZG05].

Executions [NDP17]. executor
[JSL13]. exhaustive [KWTD09]. Existing
[YE+14]. Expanding [YBSY19].

Expansion [PM17, ZLC+15]. explicit
[STLM12]. Exploiting
[AIVL13, ASK⁺16, HWJ⁺15, JFK20, KGBK⁺17, ESB⁺20, KL19, MNC⁺16, CPP08, IMS⁺08, KWD09, VHKP11, WLZ⁺10]. **Exploration**

[BKMB⁺15, AIVL13, ASK⁺16, MAO8, NHK⁺16, RSU⁺20, WWW⁺21, YEI⁺14, YZ08, YZL⁺10, ZX16, LYYB07, PCT12, RLS13, SNL⁺04, JOA⁺09b]. **Extending**

[BG⁺17, ASK⁺16, KEM⁺18, CPP08, IMS⁺08, KWD09, VHKP11, WLZ⁺10].

**Factors**

[AP17, Facts [Mic16], FailAmp [BDD⁺20], Failures [NRQ⁺16a], Fair [LMCV13], Fairness [GWM07, LY16], Falcon [CNS16a], Fast [ADGA20, BC13, BNS⁺21, CSSU21, CCGP13, KCP13, KHW⁺05, MKKE15, NRQ⁺16b, NTK13, PRMH13, SZJK18, LMJ13a, SPGE06, TDG13].

**Fast-Drift-Aware** [SZJK18]. **Faster** [PC16], Fat [BRSJG12, PRMH13].

Fat-trees [BRSJG12]. **Fault** [CEP⁺16, PHBC17, RHLA14, RCV⁺05].

Faults [BSO07, SS⁺13]. **FaultSim** [NRQ⁺16b]. **Feature** [TKM14, LBO14].

Features [YHYBAM20], Federation [BTS⁺10], Feedback [CDM13, NED⁺13, ZWS⁺16, WM10].

Feedback-directed [NED⁺13, WM10]. Feedback-Driven [ZWS⁺16, CDM13].

**Fence** [MNSC16]. **fetch** [EE09, GWS13, JLER12, SRLPV04], **FFT** [GS12]. File

[TS15, VZS⁺18, YBSY19, GKP14, SJV08].

**Files** [LZM14, YWXW12]. **Filter** [SVO21, BSWLE13]. **Filtering** [ZCC⁺16].

Financial [ABB⁺16], Finding [PJ13]. Fine [AZG⁺17, BSSS14, EE11, HYYAM16, MG19, MPW⁺17, TKM14, WM11, YEI⁺14, LT13].

Fine-Grain [AZG⁺17, HYYAM16]. Fine-Grained [BSSS14, MG19, MPW⁺17, YEI⁺14, EE11, WM11, LT13].

Finite [LVR⁺15, VW11]. **FinPar** [ABB⁺16]. First [Lou19, OAM19]. Fixed [CS13], fixed-point [CS13].

FLARES [DGI⁺14], Flash [DGI⁺14, SZJK18, ZWL⁺19], Flexible [CC13, ZC20, OAB12, SHC13, ZZZ⁺05].

FlexSig [OAB12], Flexextended [ZC20], flight [SSH⁺13]. Floating [ASS⁺17, BWG⁺12, CS13], floating- [CS13].

Floating-Point [ASS⁺17, BWG⁺12]. Flow [BRJMI5, CWW⁺16, DMR⁺16, GAM12, HAC13, LY16, MMT⁺12, SMKH15, FSYA09, JA14, KHL⁺13, MBKM12, Nas13, PC13, TG07], Flow-Based [LY16], flow-sensitive [Nas13], FluidCheck [KS16].

Fly [VHKP11, WWY⁺12]. **Flynn** [TWB21].

**Focal** [DSK19]. **Focal-Plane** [DSK19]. Format [BJWS⁺18], Formation [HVL⁺19, KTAE16, FSYA09].

Formulating [MAN⁺08]. **Forwarding** [SL20], Four [TDO16a], FPDetect [DKB⁺20], FPGA

[Abd20, CS13, CWW⁺16, CDPD13, MTK18], FPGA-Based [MTK18].

FPGA-processor [CS13]. **FPGAs** [BHWN21, FBWS13, GNB08, KFJ20, PI12, WZZ⁺20]. fractal [JYJ⁺13], fractal-based [JYJ⁺13]. Fraction [SPS⁺17], frame [GK13].

frame-based [GK13]. Framework [ASS⁺17, AMP⁺16, GTP⁺16, GsA⁺16, HDW21, KPP⁺15, LAS⁺13, LSC⁺15, PWPD19, SYE19, SAL19, WMS19, ZLYZ16, ZFT⁺18, ZLYW18, AS13, BCYN10, CS10, DJX13, HEL⁺09, KKM⁺13, LCC11, LCH⁺04, LFC13, LHWB12, PGB13, YXK⁺12].

Frameworks [WWW⁺21]. Free [MNSC16, YPT⁺16, BRSJG12, GS12, WZZ⁺20].
Frequency [BHC+16], friendly [CRSP09],

Front [ZJJ+15], Front-End [ZJJ+15],

FSM [SQZK20], FTL [HWJ+15], Full [HHC+16, MMT+12, SWF16, TKKM15],

Full-System [SWF16], Fully [HWJ+15, BRSJG12], Function [SKPD19],

Functional [GÁSÁ+16, GÁSÁ+13, YCCY11],

Functions [SSR+15, HWX+13, LDG+13],

fundamental [VE13], Fuse [NDP17],

Fused [VPTS19], Fusing [VPTS19, WM10],

Future [GB06, MMS15, DXMJ11, LMJ13a],

Gaming [QYZ+14, RSU+20], gap [HCC+14], Garbage [ASV+16], Gated [LZM14], Gating [KMG14, ZCF18, WYCC11, YCCY11],

GEMM [SLJ+19],

General-Purpose [CAMJ15, SDZ+21],

Generalized [PDF+14, GGK18, SDH+15],

Generalizing [Jin09], generate [KBR+13],

Generating [AZG17, RHC15], Generation [BDB+20, DSK+19, HEMK17, GNB08, HLR+13, JLER+12, LBO+14, LHY+06, VJC+13],

Generator [KL19, PAVB15],

Generic [WMGS19], GenMatcher [WMGS19],

Getting [MWJ19], Global [CCL+13, MPPS18, BZS13], good [PJ13],

Governors [SW17b],

GPU [LRBG15, MYG15, MKG16], GP-GPUs [LRBG15], GP-SIMD [MYG16],

GP-GPUs [BG+15, HLSW17, MBKM12, YXK+12],

GP-GPUs [ZJJ+15],

[ADGA20, BJWS18, BNS+21, DS16, GGYK19, HLR+13, HDW21, JED19, JGSM15, JML+20, KPRK20, KHN+18, LCP+21, LHC+17, LWS+19, LMZ18, LWL18, LDMZ19, LAAMJ15, LFK19, LFC13, QY+14, RB13, SEF+19, SNN+19, TBC+12, VC16, VZT+20, VZS+18, WGO15, WWL+21, ZSLX13, vdVSAAS20],

GPU-accelerated [JED19], GPU-Based [WGO15, JML+20],

GPUs [ASH20, ASS+17, CSK19, DS16, DNT16, FBWS13, JAK17, JFJ+20, KR19, LRBG15, LGH+21, NSF+21, NC15, SHLM14, SS+20, TAB+21, WYCC11, WLL20, YBSY19, ZSM+16],

gradient [HAJ+12], gradient-based [HAJ+12], Gradients [FWJ+16], Grain [AZG17, HYAY16, LMS18, MAD17],

Grained [BSS+14, MG19, MPW+17, TD16, YEI+14, EE11, KCP+13, LT13, WM11],

GRAM [HDW21], Granularity [DHK+15, NRQ6a, TM+14], Graph [CNS16a, KPW+21, LHR+16, LGH+21, TAB+21, WZZ+20, WVL+21, YWXW12, ZLL18, DS12, LF09],

Graph-Based [TAB+21], Graphics [ASS17, FSYA09, ZSLX13], GraphPEG [LGH+21],

Graphs [BMR+15, Lee+16, RHC15, VZT+20, VGX16, BZS13, DDU+12, MG13],

Gretch [KPP21],

Grus [WWL+21], gshare [TS05], Guarded [PS15],

Guided [GT+16, HWL+19, YHYBAM20, CS13, LZL+13, RCG+10b, SSS+13],

Hadoop [KHS+14], Halide [SSW+19, SSB+20, VC1+17],

halting [ZVY+05], Hamming [CVB15], handling [HWM+14, HW+11, LW11],

HAP [WJX+17], Hard [DPB+19, BS07],

Hardening [PHBC17], Hardware [BG+15, BAZ+19, CDPN16, DHK18, DPB+19, DD16, JZ+13, KPW+21, KAC15, LJM+13b, MMGS21, NDF17, OK12, PVA+17, PLK+19, RHLS14, SKAE916, SWF16, TGAG+12, USCM16, WCF+16, ZHS+19, ZLC+15, ZSM+16, Ab20, ATGN+13, CS10, CI13, FSYA09, GNB08, HCC+14, MMD+06, OAB12, RLS13, RPE12, YJTF13, ZSM08],

Hardware-Accelerated [SWF16],

Hardware-Assisted [CDPN16, JDZ+13],

Hardware-Based [ZLC+15, ZSM+16],

hardware/software
Lattice-Based [CG15b, PAVB15]. Lattice-Boltzmann [PAVB15]. Law [DSH+18]. Layer [ERAG+16, JML+20, JLJ+18a, LGP+16, OTR+18, WAST+16].


SKH+16. Leakage

Bis21, JKF20, HL07, MSK05. Learning

[ABP+17, JPS17, JLJ+18a, LSL20, MCB+12, RSK+18, WWW+21, XDXL19, DBJ13, LBO14, SPS12, TR13, WO13, WTF014].

Learning-Based [JPS17]. Legacy

[MNSC16]. legalization [AR13]. Less ZPR+17. Level

[BGG+15, CHE+14, CPS+15, HNNK17, HK14, JYE+16, LCS+19, LSI20, LMZ18, LBM13, MGI15, PLT+15, RLBBN15, SWU+15, UDLL20, WDX14, WJXC17, AGI+12, AIVL13, BCVN10, EE09, GMW09, GPL+05, LCL+14, Lou19, PLK+19, PCT12, VSP+12, YBSY19, ZDC+12]. Level-1

[HK14]. Leveling [JDZ+13]. Levels

[RJSA18, RCV+12, SLA+07]. Leveraging


Library [DKK+21]. Library-Based [FDE+14]. Lifetime

[PM17, SPM17, TZK18, XCO06]. Lift

[SJS+20]. LIGERO [APG13]. Light

[CBD15, APG13]. Lightweight

[DT17, SLJ+18, WLL+19, BWG+12, DMG13, LNLK13]. like [Mic18]. limitation

[DZC+13]. Limitations [JRK16]. limited [CZ07]. limits

[JOA+09b, MBKM12, MSK05]. line

[WDXJ14]. Linear [AJE+16, MG19, MG20]. lines [AGVO05]. Linked [IPSD21, FLG12].

Links [ACA+19]. List

[Aca16, Ano13a, Ano15, Bil19]. Live

[ZPR+17]. liveness [BZS13, DDU12]. LLC

[FQRG13, VPTS19, ZCF18]. LLC-memory

[QRG13]. LLVM [DAP+15].

LLVM-Based [DAP+15]. Load

[OAM19, PGB16]. Load-Balancing

[PG16]. Loading [PCM16]. Loads

[YPT+16]. Local [LVR+15, DHC+13]. Locality

[ASK+16, CG15a, KFEG18, SKH+16, SL20, TAB+21, YDS+19, ZCQ+19, AIKL13, FER+13]. Locality-Aware

[CG15a, KFEG18, SKH+16, SL20]. Localization

[CEP+16]. location

[KHN+18, YLW08]. Lock

[CWCS13]. Lock-contention-aware [CWCS13].

Locking [ZWT17]. Lookups [CSSU21].

Loop [ASP17, CZGC20, JK17, LVR+15, PHBC17, BCAV13, NCC13, SHLM14, SLM12, YZL+10]. loop-dependent

[YZL+10]. Loops

[CNS+16b, CLA+19, KFJ20, SN17, SRC16, JSL13, KLMP12, RTG+07]. Low

[BGG+15, CAMJ15, DJL+12, ESB+20, GG18, GgS+16, GLD16, KBB+14, LPP+16, LHC+17, Lou19, OK21, PLK+19, RTK15, SSW16, SW13, SWU+15, YEI+14, AGI+12, BB04, CCZ13, GKP14, MA08, SRLPV04, ZVYN05]. Low-complexity

[DJL+12, SRLPV04]. Low-Cost

[KBB+14, SSW16, YEI+14, AGI+12, MA08]. low-energy [GKP14, ZVYN05].

Low-latency [SW13]. Low-Level

[BGG+15, Lou19]. Low-Overhead

[GD16, LHC+17]. Low-Power [CAMJ15, GgS+16, PLK+19, BB04, CCZ13]. Lower

[LSR+15]. lowering [SSU+13]. LP

[QRA+14].

Machine

[ABP+17, DJS13, LBO14, SPEG08, SPS12, WO13, WFT014, WHV+13].

machine-learning-based [WFT014]. Machines [BSSS14, JK13, RB13, VED07].

MAGIC [KKS+15]. Main

[AEF+19, ZFT+18, ZPR+17, DZC+13, WSC+13, ZDC+12]. Maintaining

[YCCY11]. makespan [CPB14].

Microarchitecture [FMY+15, DJB13, LB10].

Microarchitecture [MMS15, ASK13, HS05, RPS06, SSS+04]. microarchitectures [ACGK04].

Microbenchmarking [FMY+15].

Microprocessor [KCA+13, BE13, YCCY11].

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

Migration [JLJ+18a, LTX16, WLL+19, LJM12, MSF+07]. Million [CAY+18].


Minimizing [KHB+20]. mining [CDPD13]. Minos [CWC06]. MIPS [SHD15].

misaligned [LWH11]. Mismatches [APBR16]. misprediction [GW08]. Miss [SWO21, SLP08]. misses [CST+06, LS10, VHKP11, Zha08].


MLC/TLC [PM17]. Mobile [PLK+19, XZC+20, AvRF07, TBC+12].

Mobile-cloud [XZC+20]. mode [SW13].

Model [BNS+21, CC18, DAKK19, ESR+15, GGS+17, NZ15, SRC16, WLLW20, XHJY17, YCA18, ZHB18, DC07, MG13].

Model-Based [WLLW20]. Modeling [BEE15, KR19, LAS+13, SSC+13, AFD07, CA11, EE12, IMS+08, XMM04, SSS+04].

Models [CHE+14, FCD+17, GGS+19, GHH15, LCP+21, VFW16, XZC+20, LAS+08, XIC12]. Modern [ABK21, HYAM16, CCD12, JK13, KNBK12]. Modification [GDL16].

Modify [RLS15]. Modulo [LMSE18, KCP13]. Moldable [MKKE15].

Monitoring [LHC+17, MMGS21, LMMM08, VDSP09, ZZQ+05].


MPSoC [FPWR21]. MPSoCs [DMR+16, MMGS21, SL20]. MRAM [WDX15]. MRAM-Based [WDX15].

MSHRs [CA11]. Multi [CC18, FMY+15, FCD+17, GVT+17, JPS17, JML+20, KLA+19, LT19, LGP+16, MMGS21, PLK+19, PGB16, SPS17, TCS20, WZZ+20, ZCF18, vdVSAAS20, CDPD13, GWS13, LFC13, PM12, RB13, RPE12, ZGC+12]. Multi- [FMY+15]. Multi-Agent [JPS17].

Multi-Core [CC18, SPS17, PM12, ZGC+12].

Multi-Cores [ZCF18]. Multi-CPUs [PG16]. Multi-dimensional [LT19].


Multi-pipeline [WZZ+20].


Multi-Tile [MMGS21]. Multi-type [JML+20]. Multibank [CG15].

Multiblock [KPM17]. multicharacter [CW13]. Multicore [ASV+16, BHC+16, CC13, CG15a, CDPN16, DS16, DAKK19, HMYZ15, HEMK17, KE15, KK15, LAS+13, LMA+16, LYH16, OK21, PT17, PGB16, SLJ+18, SKH+16, SAL19, ZDC+16, CG14, CK11, CWCS13, DEE13, FBWS13, HWX+13, LMJ+13b, LCL+14, LHZ13, RCG+10a, VE13, WFKL10, ZCW10].

Multicores
multidimensional [RTG+07]. Multigrain [AZG17]. Multilevel
[XHJY16, YMM+15, JK13, TKJ13]. multimedia [SV05]. multiobjective
[CPP08]. multiplatform [HLC10].

Multiple [KHN+18, WLLW20, ZSM+16, GB06, HVJ06, RCV+12]. Multiplexing
[NDP17]. Multiplication
[ASH20, YAG+16]. Multiplications
[JYM20]. Multiply [GG18].

Multithread [BG13, GSI10, LT13].

Multithreading
[CPS+15, LBM13, APG13, GPL+05, LAS+08, LM05, LPZ12, LMM08, SMK10].

Multi-program [EMR14]. Multithread
[CG15a]. Multithreaded [AZG17, JYE+16, LYH16, DWDS13, GMW09, NTG13, PGB13, RGG+12, RCC+10a, XIC12].

Multithreading [EE09, GWM07].

NAND [DGI+14, SZJK18, ZWL+19].

Nanoscale [GBD+15]. Native
[DKK+21, RPE12]. Native-Code
[DKK+21]. Near [HK14, KCA+13, LP17, MAD17, VFJ+17, KCKG14, RPE12].

Near-Data [VFJ+17]. Near-Memory
[LP17]. Near-Optimal
[KCA+13, KCKG14]. Near-Thresh hold
[HK14]. Nearest [NSF+21].

Nearest-Neighbor [NSF+21]. Need
[ZPR+17]. Neighbor [NSF+21]. nest
[SLM12]. Nested
[GSY20, MSGH16, KLMP12]. nests
[NCC13]. Network
[CEP+16, DJC16, EPS18, JHMM21, JPS17, PWE20, SSH19, TDP15, VFW16, VZT+20, XVT20, ZCCD16, ZM15, ASK13, LNLK13, LYYB07].

Network-on-Chip
[CEP+16, DJC16, EPS18].

Network-on-Chips
[CA+19, AMP+16, CFB15, XS+20, GGI18, GR15, MWJ19, RKC+20, RSK+18, ZFF+18, BKA+13, LWWH12, PRMH13, SMK10, SEP07].

networks-on-chip [LWWH12]. Neural
[GG18, GR15, JHMM21, MWJ19, PWE20, RKC+20, RSK+18, TDP15, ZFF+18, Jim09].

Neuromorphic [LCS+19]. Next
[VZT+20, OAM19]. no [HL07]. NoC
[HWX+13]. NoC-based [HWX+13].

NoCM [ZM15]. NoCs [WYJL10]. Node
[CSSU21]. Noise [AAI+16]. Non
[AEE+19, DJL+12, FPMR21, HK14, IPSD21, YKM17, BZS13, WDXJ14].

Non-blocking [IPSD21]. Non-Intrusive
[FPMR21]. Non-Java [YKM17].

Non-monopolizable [DJL+12]. Non-SSA
[BZS13]. Non-Uniform [HK14].

Non-volatile [AEE+19, WDXJ14].
Nonaffine [SGS+20]. Nonlinear [SRC16].

Nonuniformity [WA08]. Nonvolatile
[SPM17, DXMJ11, DJX13]. Not-taken
[PS12]. Novel
[LMZ18, TPN+20, ZFT+18, ZWL+19, CCZ13].

NUCA
[GFD+14, HK14, LJMG12]. NUCA-L1
[HK14]. NUMA
[RSK18].

NUMA-Aware
[RSK+18]. NUMA-Caffe
[RSK+18]. NVM
[EAH+20, WSC+13].

NVM-based
[WSC+13]. NVMs
[PM17].

NVRAM
[ZLYW18].

O
[DCP+12, RHLA14]. Object
[YLW08, ZLYW18, TDG13, VED07, WM10].

Objective
[SAT20]. objects
[WWY+12].

Oblivious
[YRGE+19, CYXF13].

Obstruction
[WDX14]. Occurring
[LTX16]. ODE
[HLR+13]. ODE-based
[HLR+13]. Off
[ACA+19, BK+17].

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