Title word cross-reference

2 [BSL17]. 3 [CAY+18, CWM+16, LGP+16, NRQ16b, SZJK18, ZSLX13]. 3
[CCZ13, DDT+17]. Z [SLM12].

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

/channel [LCL+14].

000-core [DAKK19].

2014 [Aca16, Ano15].

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

7 [BKM+17]. 754 [LDG+13].
[LVR+15, BWG+12]. ARM
[GDL16, LHW+19, SHY14, SPH+17]. ARM-to-x86 [LHW+19]. Array
[DSK19, WG17, BWLR06, KLMP12]. Arrays
[LME18, TD16]. ARSEC
[DDT+17]. Art [MWJ19]. Assembly
[LVR+15]. assistance [JOA+09a]. Assisted
[CDPN16, HNKK17, JDZ+13, KKAR16, PHBC17, CST+06]. associative
[HL07, KWCL09]. associativity [YJTF13].
Asymmetric
[AZQ+19, CG14, CCPG13, PCT12, SW13]. Asymmetric
[LHW+19]. Attacks
[BCHC19, ERAG+16, PHBC17, ZHS+19, BVIB12, CCD12, DJL+12]. AUKE
[DSK19]. Auto [CG15a, WG17].
Auto-Tuning [CG15a, WG17]. automata
[WWJ+16]. automatable [AFD07].
Automated [ASS17, BSSS14, BHC19].
Automatic
[AMG16, DSK19, JLKR12, LBO14, LT13, MGA+17, NC15, RB13, WLZ+13, WGO15, WM10, SPS12, WKCS12]. Automotive
[FWJ+16]. Autonomously [DG14].
Automotoring [AMP+16, SYE19, YAG+16, KBR+13, LFC13]. Avionics
[DPBI+19]. AVPP [OAM19]. Aware
[ACA+19, DG14, CG15a, DTD16, DHD+14, GVT+17, KEFG18, LYH16, LRBG15, PVA+17, PG17, RSK+18, SEF+19, SLJ+18, SKH+16, SZJK18, SKPD19, USCM16, WLZ+13, WJX+17, ZCQ+19, ZYW17, CG14, CLA+19, CWCS13, EE09, GGFPRG12, NB13, SSS+04, SAL9, SEPO7, WYJL10, WSC+13, WDXJ14, YZCZ10, ZDC+12, ZK06]. Awareness
[HLSW17, KL+13].

Bahurupi [PM12]. Balancing
[LLRC17, PGB16, WW+16]. Band
[SPS17]. Band-Pass [SPS17]. Banded
[BSL17]. Bandwidth
[LGP+16, LDM219, ZCCD16, ZCQ+19, DZC+13, WYJL10, XCC+13]. Bandwidth
[AGI+12]. Banks [ZCF18]. Based
[ÅJE+16, CNS+16, CG15a, CG15b, DSR15, DAD16, DAP+15, FDF+14, GAM12, HYYAM16, JPS17, KS16, LCS+19, LTX16, LY16, MNC+16, MTK18, NC15, SBS16, WGO15, WDX15, WCI+16, WWC+16, WMGS19, XHJY16, XFS+19, ZK09, ZLC+15, ZSM+16, AvRF07, BCVT13, CPP08, CW13, GY13, HLR+13, HWM14, HWX+13, JYJ+13, KBR+13, LBO14, LTG12, LCL+14, LWLB12, PLK+19, HLS13, SSS0, SKKB18, TKJ13, WSC+13, WFTO14, ZHD+04, ZGC+12, ZFT+18].

Bayesian [AMP+16]. Be [SW17a].
behavior [AFD07, LS10]. Benchmark
[ABB+16, AYL+18, CCM+16, DDT+17, DS16, BE13]. Benchmarking [DAP+15]. benchmarks [JEBJ08]. Benefits
[LW12]. Benzene [KAC+18]. BestSF
[BJJS18]. better [TBC+12]. Between
[EPS17]. Beyond [FER+13]. Bias [Lee16].
Big [LYW18, ZLC+15]. Big-Memory
[ZLC+15]. Bimodal [TD16]. Binary
[DGGL16, GDL16, HWL+19, LHW+19, SHY14, CDM13, GHS12, HS06, HLC10, LW11, PKC12]. bipartite [BSZ13]. Bit
[TBS06, BWLR06, VED07]. Bit-split
[TBS06]. bitwidth [NB13].
bitwidth-aware [NB13]. Blaze [PWPD19].
Blaze-Tasks [PWPD19]. Block
[GFD+14, KTA+16, LLRC17, LTX16, MPPS18, T9K18, ZK06]. Block-aware
[WK06]. Blocks [HWJ+15, SYX+15].
Boltzmann [PABV15]. Bones [NC15].
Boosting [ASV+16, KHH1, RLS13, BTS10].
both [BSWLE13, HP04, MP13].
bottlenecks [MMdS06]. bound
[CLA+19, MBK+12]. bounded [HS06].
Bounding [XMM04]. Bounds
[ESR+15, BWLR06]. BPM [LCL+14].
BPM/BPM [LCL+14]. Branch
[SSU+13]. coalescing-lowering [SSU+13].
Coarse [LMSE18, MAD17, TD16, KCP13].
Coarse-Grain [LMSE18, MAD17].
Coarse-Grained [TD16, KCP13].
Coarsening [SF18]. COBAYN [AMP+16].
CODA [KHN+18]. Code
[CZ07, DSK19, KL19, PAVB15, PKPM19, SYE19, AvRF07, CDM13, GNB08, HLR+13, HS06, JLER12, KBR+13, LKL+13, LB05, LZY09, LHY+06, PKC12, RCG+10b, VJC+13, ZK05, ZWHM05].
code-positioning [ZWHM05]. Codelet
[DAP+15]. Codes
[CWMC16, TZK18, AFD07, AFD12].
Codeign [KCA+13]. Codesigned
[KMG14]. Coding [PM17]. Coherence
[DRHK15, KAC15, MMD06, SSH+13, VHDP11]. coherent [APG13].
collaborative [FT10]. collapse
[CWCS13].
Collection [ASV+16]. Collective
[FT10]. collector
[WK09]. colocated [DWDS13].
Coloring
[YWWX12, LFX09].
Combination
[LDMS19]. Combinatorial
[SKP19, SSR13]. combined
[BWGC+12].
Combining
[VSP+12, YRGES+19].
Commodity
[WDX15]. common
[WK09].
Communication
[DSR15, HAM17, XDLX19, HWX+13, SSP+13, TCG07].
communications
[ACGK04]. Compact
[HEMK17, SHC13]. compaction
[WK09].
Comparability
[YWWX12]. Comparative
[LT+08]. Comparators
[YE1+14].
comparison
[FBSW13]. CompEx
[PM17].
Compilation
[DMR+16, LTI19, LRBDG15, PKPM19, RVK19, SYE19, SN17, CI13, JK13, KHL+13, LBO14, LZY09, PC13].
Compile
[KTAE16]. Compile-Time
[KTAE16]. compiled
[NED+13]. Compiler
[AMP+16, ABP+17, CCD12, DGM13, EPS17, GKH18, HNKK17, HYAR+15, KPP+15, LFX09, MNC+16, MG12, NKH16, NC15, PHBC17, ZSCM08, ZXM16, CYXF13, DC07, HWM14, HLC10, JOA+09a, JOA+09b, KBR+13, KWM+08, LZL+13, LCH+04, TR13, YXK+12, ZHD+04].
Compiler-Assisted [HNK17, PHBC17].
compiler-based
[ZHD+04].
Compiler-Directed
[HYAR+15, LFX09].
compiler-guided
[LZL+13].
Compiler-Oriented
[GGK18].
Compiler/Runtime
[KPP+15]. compilers
[CDM13, HEL+09, SD12]. Complex
[SHD15, SLA+07]. Complexities
[GHII+15, ZBH+13]. Complexity
[GG18, KAC15, CPP08, DJL+12, RPS06, SRLP04]. complexity-effective
[RPS06]. component
[LGAZ07]. Comprehensive
[CPS+15, HKA+19]. Compressed
[SSW16, DZC+13]. Compression
[BC13, KPM17, LMSE18, PM17, SW17a, KGH10].
Compression-Expansion
[PM17].
Compression/Decompression
[LMSE18].
Compresive
[WCG+16, HAM17, KHN+18, DDU12, LFC13].
Computationally
[DH+18].
Computations
[PM17].
Compile
[DAK19]. Computing
[DSH+18, KHS+14, LCS+19, LOU19, ME17, PWP19, SW17b, TCS16, ZLYW18, ZLC+15, AVG12, LM05]. conceived
[APG13]. Concurrent
[AA1+16, GMGP14, ME17]. Concurrent
[LDMS19, PM16]. Conditional
[MC16]. conditions
[JLS13]. Configurable
[ND+16, HVJ06, LZX+13]. conflicts
[CGG+12]. Congestion
[YRGES+19]. connected
[BRSJG12]. conscious
[LZY09]. Conserving
[LYYB07].
Considerations
[HMYZ15, MTM18, LM05].
considering
[AVG12, HP04]. Consistency
[NZ15]. constrained
[MSF+07, NKM08, ZK05]. Constraints
[AEJ16, KCA+13, WJL16].
Construction
[DIPB+19]. Consumption
[FCD+17, GFB+14, LGT12, LYYB07, VED07, ZHD+04].
Content
[RCH15].
content
[KHS11]. contention
[CWCS13].
Context
[EPS17, DGM13, LS10]. continual
Continuous [TR13]. Control [AP17, BRJM15, HAC13, HHC16, SMKH15, SKH16, YRGES19, CW06, FSYA09, IWP04, MBKM12, TG07].

Control-Flow [SMKH15, Controlled [ASS17, RCV05]. controller [AGI12].


Cooling [AVG12]. Cooperation [TZK18]. Cooperative [DNT16, JPS17, JDZ13, LBM13, SHLM14].

Coordinated [LDMZ19, ZDC16]. coprocessor [LDG13]. Corasick [CW13, PLL10].

Core [CHE14, CC18, FMY15, JLJ18a, LBM13, PVS17, SPS17, SPH17, ZLY16, DAKK19, LNLK13, OGK12, PM12, ZGC12]. Cores [CAY18, DT17, HYYAM16, JPS17, KKW15, MMS15, TDO16b, ZCF18, GB06, NTG13, PCT12, SW13, WYJL10, WFKL10].

CoreUnfolding [APBR16]. Corner [DDT17]. Correct [DPI19].


Correctness [PD17], correlating [TKJ13].

coscheduling [PGB13]. Cost [LGP16, SSW16, SKPD19, YEI14, AGI12, DC07, FBHN04, MA08]. COTS [RGG12].

Could [SW17a, ZPR17].

Counter [WCI16]. Counter-Based [WCI16]. Counters [NDP17, RLS13].

counting [RBMI10]. coupled [PCT12].

covering [PJ13]. Covert [EPAG16]. CPU [BSSS14, LMVC13, PGB16, WLWB19].

CPUs [BHC16]. critical [RGG12].

Criticality [FWJ16]. CRNS [AS13].

Cross [ERAG16, LGAZ07, LVR15, OTR18, SWF16, WAST16, ZLY16].

Cross-Architecture [SWF16].

Cross-component [LGZ07]. Cross-Layer [ERAG16, OTR18, WAST16].


cryptography [AS13]. CTA [LDMZ19].

CUDA [KBR13, NC15, VJC13, WG17]. cycle [DEE13, SLS13].

d [BSL17, CAY18, CWMC16, LGP16, NRQ16b, SZJK18, ZSLX13]. d-Packed [BSL17]. D-Stacked [LGP16, NRQ16b].

DAPSCO [GGFPRG12]. dark [PCT12].

DarkCache [ZCF18]. DASH [USCM16].

Data [AMG16, CDPN16, DAKK19, EPS18, ESR15, FXC15, GAM12, HAM17, HAM19, HLSW17, JLJ18a, KPM17, KHN18, LWL18, ME15, ME17, MTK18, MNSC16, MGA17, MGH16, NK16, PD17, RMA14, RTK15, SKH16, TDO16b, VJF17, WGO15, WZG19, YMM15, ZLYW18, AVG12, BSWLE13, CS10, CA11, CPD13, CW06, FER13, FG12, HLR13, HL07, LWH11, LJM12, PC13, RB13, RFD13, STL12, TG07].

Data-Driven [ME15, ME17]. data-flow [PC13]. Data-Parallel [MGH16, NK16].

Data-Race-Free [MNSC16]. Data-ccrate [EPS18]. Data-Traversal [RMA14].

Database [BAZ19]. Datacenters [ZFL18].

Dataflow

DT17, KPP15, MMT12, VTN13]. Datapath [IWP04]. Datasets [WLWB19].

DawnCC [MGA17]. DDR4 [TKM14].

DDRNoC [EPS18]. Dead [MPPS18]. Dead-Block [MPPS18]. Deadline [USCM16]. Deadline-Aware [USCM16].

deadlock [BRSJ12]. deadlock-free [BRSJ12]. debugging [VDS09]. decay [JSM04, SS04]. decoders [Zha08].

Decoding [CAM15]. Decompression [LMSE18]. Deconstructing [CFH12].

Decoupled [VPTS19, BZS13, DHC13, RVOA08].

Decoupling [HAMI17]. Deep [ASK16, JLJ18a, MJW19, RSK18, XDXL19].

Deeply [GKCE17]. DEFCAM [LCC11].
De

Defined [DMR+16, TGAG+12].
Defragmentation [PVS+17], DeFT [VHKP11]. Delta [DZC+13].
Delta-compressed [DZC+13]. Demand [BRJM15]. Dense [CWW+16].
Dependence [BRJM15], DHD+14, JK17, SL09, TG07, VTN13].
Dependence [VHKP11]. Delta [DZC+13].
Dependence-Aware [DHB+14]. dependencies [BCVT13].
Dependency [WLZ+13].
Dependency-Aware [WLZ+13].
dependent [YZL+10]. depth [HP04].
Design [CKPH19, CPS+15, HJW15].
KWM+08, RTK15, SZJK18, SPH+17, SL09, VHKP11, WLZ+10, BE13, CPP08, IMS+08, LB10, LCC11, LHZ13, VE13, ZK05].
Designing [BKA13, BSWLE13, MGSH16].
Details [FMY+15]. Detecting [DSR15, KS11].
Detection [CEP+16, LHC+17, MNSC16, WCT+16, YEI+14, LKL+13, TBS06, TDG13].
VHKP11, WTF014]. Deterministic [CCL+13, VSDL16, VW11].
Detonation [CAY+18]. Devectorization [KMG14].
Development [VCJ+17]. Device
[RLBBN15]. Device-Level [RLBBN15].
Devices [TKM14, NMKS06, ZK05]. DFA
[BC13]. Diagnosing [LLJ+18b]. diagnosis [BS007].
DiagSim [LLJ+18b].
Die-Stacked [CWM16], die-stacking
[ZSLX13]. different [YXK+12].
dimension [RTG+07]. dimensional [LT19]. Direct
[LLRC17, YRGES+19]. Direct-Mapped
[LLRC17]. Directed [HYAR+15, VZS+18, LFX09, NED+13, SEP07, WM10].
directives [CWZ+12]. Directories [PT17].
Dirty [LLRC17]. Dirty-Block [LLRC17].
discard [LWWH12]. Discrete [ZSM+16].
DisIReR [HLC10]. Disjoint [SJA12]. Disk
[LYK+15]. disparate [WLZ+10]. Dispatch
[LLRC17]. dispatching [LZ12].
dissemination [LZY09]. Distance
[DAD16, GGFPRG12, KR19, FER+13, FTLG11]. Distance-aware [GGFPRG12].
Distance-Based [DAD16]. Distilling
[JEBJ08]. Distinguished
[Aca16, Ano15, Bil19, Ano13a]. distribute
[RFD13]. Distributed
[KHS+14, KAC+18, XDLX19, ZPC06].
Divergence [LWL18, SMKH15]. Divergent
[GR15]. Diverse [LP17, SAL19].
diversification [CDM13]. Diversity
[TDO16b, KNBK12]. DJ [DDU12].
DJ-graphs [DDU12]. DLP [SNL+04]. Do
[ZPR+17]. Document [HKA+19]. Doesn’t
[WLK12]. Domain [GÁSÁ+16, GÁSÁ+13].
Domains [SW17a]. DPCS [GBD+15].
DPM [GK13]. Dragonfly [CVB15].
DRAM [CKPH19, CAGS17, HCC+14, JLCR13, LLRC17, LCL+14, OTR+18, TKM14, VPTS19, XHJY16]. DRAMCache
[PG17]. DRAMs [LSC+15]. Drift
[SZK18]. Driven
[LME15, ME17, PB15, ZWS+16, CDM13, FTLG11, SLP08, WTF014, XT09, ZCS06].
Dropping [GFD+14]. DSL [PBY+17].
DSPs [VCJ+17]. Dual [EPS18, WZG+19].
Dual-Page [WZG+19]. DUCATI [JED19].
duplication [KS11, LKL+13]. DVFS
[EE11, GK13]. Dynamic [BHC+16, DGG16, DD16, DJB13, FER+13, FTLG11, FSYA09, GAM12, GDL16, GBD+15, HWL+19, KE15, KPP+15, KMG14, KKAR16, LKL+13, Lee16, LPZI12, LTX16, LWL+19, MG19, RHC15, SV05, SHD15, WWW+16, XHYJ16, ZWY17, BBG13, DWD13, GHS12, HS06, HWH+11, HVJ06, JSH09, LWH11, LJMG12, LCL+14, MG12, NED+13, WSC+13, XMM04, ZZQ+05].
Dynamically [LZ12, PGB12, KS11].
eager [JLCR13]. early [JOA+09b, SLP08].
Easy [TDG13]. ECC [CWM16]. ECCs
[ZWL+19]. ECS [SPM17]. Editorial
[CT08]. EECache [CPS+15]. Effective
[GMGZP14, HVJ06, KH18, PGB16, SSW16, SPS17, KHW+05, LWH11, RPS06, SBC05].
Effectiveness [JRK16]. Effects
[PM17, ZLC+15]. explicit [STLM12].

Exploit [AAI+16]. Exploiting
[AIVL13, ASK+16, HWJ+15, KGK10, LHW+19, MA08, NKH16, YEI+14, YZ08, YZL+10, ZX16, LYY07, PCT12, RLS13, SNL+04, JOA+09b]. Exploration
[BKM+17, KL19, MNC+16, CPP08, IMS+08, KWT09, VHKP11, WLZ+10].

Explorations [BGG]. Exploring
[CK11, JK13, JOA+09b, MBKM12, MK05, SKPD19, BE13, DJX13]. Exposing
[CSK19]. Express [DJC16]. Expression
[BC13]. expressions [JSH09].

Expressiveness [PC13]. Extendable
[CXW+12]. extended [SJ10]. Extending
[DBH16, DSH+18, JED19, VCJ+17].

extension [DCP+12]. Extensions
[KHS+14]. Extractor [DAP+15]. Extreme
[CAY+18, JLJ+18a]. Extreme-Scale
[CAY+18, JLJ+18a].

Factorizations [AP17]. Facts [Mic16].

Failures [NRQ16a]. Fail [LMCV13].

Fairness [WGM07, LY16]. Falcon
[CNS16a]. false [BCVT13]. Fast
[BC13, CCPG13, KCP13, KHW+05, MKKE15, NRQ16b, NTG13, PRMH13, SZJK18, LMJ13a, SPGE06, TDG13].

Fast-Drift-Aware [SZJK18]. Faster
[PCM16]. fat [BRSGJ12, PRMH13].

fat-trees [BRSGJ12]. Fault
[CEP+16, PHBC17, RHLA14, RCV+05].

faults [BS07, SSC+13]. FaultSim
[NRQ16b]. Feature [TKM14, LBO14].

Federation [BTS10]. Feedback
[CDM13, NED+13, ZWS+16, WM10].

Feedback-directed [NED+13, WM10].

Feedback-Driven [ZWS+16, CDM13].

Fence [MNS16]. fetch
[EE09, GWS13, JLER12, SRLPV04]. FFT
[GS12]. File
[TS15, VZS+18, YBSY19, GKP14, SJV08].

Files [YWXW12]. filter [BSWLE13].

[AZG17, BSSS14, EE11, HYYAM16, MG19, MPW+17, TKM14, WM11, YEI+14, LT13].

Fine-Grained [AZG17, 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, OAB12, SHC13, ZZQ+05]. FlexSig
[OAB12]. flight [SSH+13]. Floating
[ASS17, BWG+12, CS13].

Floating-Point [ASS17, BWG+12]. Flow
[BRJM15, 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]. Focal [DSK19].

Focal-Plane [DSK19]. Format [BJWS18].

Formation [HWL+19, KTAE16, FSYA09].

Formulating [MAN+08]. Four [TDO16a].

FPGA
[CS13, CWW+16, CDPD13, MTK18].

FPGA-Based [MTK18].

FPGA-processor [CS13]. FPGAAs
[FBWS13, GNB08, PI12]. fractal [YJY+13].

fractal-based [YJY+13]. Fraction [SPS17].

frame [GC13]. frame-based [GC13].

Framework
[ASS17, AMP+16, GTT+16, GásA+16, KPP+15, LAS+13, LSC+15, PWPD19, SYE19, SAL19, WMS19, ZLY16, ZFT+18, ZLYW18, AS13, BC0N10, CS10, DJX13, HEL+09, KKM+13, LCC11, LCH+04, LFC13, LHWB12, PGB13, YXX+12]. Free
[MNS16, YFT+16, BRSGJ12, GS12].

Frequency [BHC+16]. friendly [CRSP09].

Front [ZJJ+15]. Front-End [ZJJ+15]. FTL
[HWJ+15]. Full
[HHC+16, MMT+12, SWF16, TKKM15].

Full-System [SWF16]. Fully
[HWJ+15, BRSGJ12]. Function [SKPD19].
Functional [GaSA16, GÁSÁ13, YCCY11].
Functions [SSRS15, HWX13, LDG13].
fundamental [VE13]. Fuse [NTP17].
Fused [VPTS19]. Fusing [VPTS19, WM10].
Future [GB06, MMS15, DXMJ11, LMJ13a].
gap [HCC14]. Garbage [ASV16].
Gating
KMG14, ZCF18, WYCC11, YCCY11.
GEM [SLJ19]. General
[CamMJ15, SW17a, LHY06].
General-Purpose [CamMJ15]. Generalized
[FDF14, GGK18, SDH15]. Generalizing
[Jim09]. generate [KBR13]. Generating
[AZG17, RHC15]. Generation
[DSK19, HEMK17, GN08, HLR13,
JLER12, LBO14, LHY06, VJC13].
Generator [KL19, PAVB15]. Generic
[WMGS19]. GenMatcher [WMGS19].
Getting [MWJ19]. Global
[CCL13, MPPS18, BZS13].
good [PJ13].
Governors [SW17b]. GP
[LRBG15, MYG15, MYKG16]. GP-GPUs
[LRBG15]. GP-SIMD [MYKG16].
GPGPU
[BGG15, HLSW17, MBKM12, YXK12].
GPGPPUs [ZJJ15]. GPU
[BJWS18, DS16, GGYK19, HLR13, JED19,
JGS15, KHN18, LHC17, LWS19,
LMZ18, LWL18, LDMZ19, LAAMJ15,
LFC13, RB13, SEF19, SNN19, TBC12,
VC16, VZS18, WGO15, ZSLX13].
GPU-accelerated [JED19]. GPU-Based
[WG015]. GPUs
[ASS17, CSK19, DS16, DNT16, FBWS13,
JAK17, KR19, LRBG15, NC15, SHLM14,
WYCC11, YBSY19, ZSM16]. gradient
[HAJ12]. gradient-based [HAJ12].
Gradients [FWJ16]. Grain
[AZG17, HYYAM16, LMSE18, MAD17].
Grained [BSSS14, MG19, MPW17, TD16,
YEI14, EE11, KCP13, LT13, WM11].
Granularity [DRHK15, NRQ16a, TKM14].
Graph [CNS16a, Kkar16, YWWX12,
ZLJ18, DS12, LFX09]. Graphics
[ASS17, FSYA09, ZSLX13]. Graphs
[BRJM15, LEC16, RHC15, VYX16, BZ13,
DAM12, MG13], gshare [TS05]. Guarded
[PS15]. Guided [GT+16, HFW+19, CS13,
LZ+13, RCG+10b, SS+13].
Hadoop [KHS14]. Halide
[SSW19, VCY+17]. halting [ZYN05].
Hamming [CVB15]. handling
[HWM14, HWH+11, LWH11]. HAP
[Wjxc17]. Hard [DPB19, BS07].
Hardening [PHBC17]. Hardware
[BGG15, BAZ19, CDN16, DHK18,
DPB19, DD16, JDZ13, KAC15,
LMJ13b, NDP17, PVA17, PLK19,
RHLA14, SKEAG16, SWF16, TGG12,
USC16, WCI+16, ZHS19, ZLC15,
ZSM16, ATGN13, CS10, CH13, FSYA09,
GNB08, HCC14, MMD06, OAB12, RLS13,
RPE12, YJTF13, ZSCM08].
Hardware-Accelerated [SWF16].
Hardware-Assisted [CDN16, JDZ13].
Hardware-Based [ZLC15, ZSM16].
hardware/software
[CS10, HCC14, MMD06]. Hash [SBS16].
Hash-Based [SBS16]. HASHCache
[PG17]. HAWS [GGYK19]. HC [CDP13].
HC-CART [CDP13]. header [VED07].
Healthy [JLJ18b]. heap [WWY12].
Heterogeneity [PG17, SB09].
Heterogeneity-Aware [PG17].
Heterogeneous
[AEJ16, ASV16, ASP17, CNS16a,
CWW16, DMR16, FDF14, GTT16,
GHH15, HAM17, HAM19, HMYZ15,
KRHK16, LP17, PG17, PBY17, RYK19,
SAL19, TDO16a, TDO16b, TTS19, USC16,
WGO15, ZFL18, BBG13, KNN12, LH13,
PM12, TDG13, VE13, WFK10].
Heuristics [MKKE15, TR13]. hide
[CST06]. Hiding [GWO8]. Hierarchical
[ASK16, CDN16, ZGP15, SW13].
Hierarchies [SKH16, DJX13]. Hierarchy [AYC16, ZDC+16, ZSM+16]. High [CAY+18, CHE+14, CAMJ15, GGK18, JED19, ME17, SWU+15, SLJ+19, TCS16, TCM14, USCM16, YRGES+19, ASK13, BCVN10, CK11, CDM13, GW08, KBR+13, OGK+12, SRLPV04, SD12, ZVYN05].

High-Efficiency [CAMJ15]. High-Level [CHE+14, BCVN10]. High-Order [CAY+18]. High-Performance [GGK18, SLJ+19, TCM14, USCM16, JED19, YRGES+19, CK11, CDM13, GW08, KBR+13, SRLPV04, SD12, ZVYN05].


Hybrid-Memory-Aware [WJXC17].


Implicit [BWLR06]. Improve [CSK19, LMZ18, OTR+18, VCJ+17, ATGN+13, BSWLE13, KGGK10, LBJ05, LZ12, MG12, RWY13, SPK12]. Improved [BCVT13, GMGZP14, NB13, VZS+18, ZJJ+15]. Improvement [SKKB18].

Improvements [LBM13, PM17, SPM17]. Improving [AJK+12, CAGS17, CG15b, DHK18, HWJ+15, HLSW17, JK17, KLMP12, LGG+16, LSM18, LYYH16, LAAMJ15, OAM19, RJSA18, YBYS19, ZFT+18, ZWHM05]. in-flight [SSH+13].

In-Memory [BAZ+19, WZG+19, ZLYW18]. In-Order [BEE15, MAD17, SPH+17, BB04]. in-order/out-of-order [BB04]. in-place [GS12]. inclusive [AVI13, TKJ13].

Increasing [TZK18]. independent [BVB12]. indexing [TS05]. Indirect [DGG16, WHN+11, MG12]. instructions [AFD07, AFD12]. Industrial [GHH15].

Infer [HJW15]. inference [LB10].

Influence [ZWS+16]. Information [GAM12, KHL+13, MRT+12, SMM19, LMJ13a, VSP+12]. Informed [SYX+15].

Infrastructures [FCD+17]. Innovative [BKMK+17]. inputs [BE13]. Instruction [CSK19, HNKK17, SPGE06, SKPD19, ACGK04, AR13, BVB12, CS10, CSVM04, GWS13, HGL07, KS11, SSR13, VS11, XL07, ZBD+04, ZK06]. Instruction-Level [HNKK17]. instructions [MG12, RFD13, SC13]. Integer [AJE+16, SLM12, BWG+12]. Integrated [DJC16, LYK+15, PGL17, SPH+17, VFJ+17, YJTF13]. Integrating [WTF014].

Integration [JDZ+13]. Integrity [KK15]. intelligent [TBC+12]. Intensity [LVR+15].

Intensive [RHLA14, ZX19, YLTL04]. Inter [LBM13, TC07]. Inter-cluster [TC07].

Inter-Core [LBM13]. Interaction [FBHN04]. Interactions [EPS17].

Intercepting [SSRS15].

Intercommunication [TMP16, MP13].


Kernel [DSK19, LP17, LDMZ19, SN+19]. kilo [CSV+04]. kilo-instruction [CSV+04].


AHA+19, BAZ+19, CKPH19, CWMC16, CLA+19, CG15b, CSK19, DHK18, DD16, DHD+14, ERAG+16, EE09, FMY+15, GHH15, GMGZP14, GHS12, HNKK17, HHC+16, HASA16, JDZ+13, JLI+18a, LYK+15, LGP+16, LWS+19, LP17, MYG15, MYKG16, NRQ16a, NRQ16b, NZ15, OTR+18, RLBBN15, SW17a, SMRH15, TKKM15, USCM16, WW+16, WLL+19, WJXC17, WZG+19, XHJY16, YBSY19, ZBB+19, ZFT+18, ZLYW18, ZLC+15, ZCQ+19, ZDC+16, ZWL+19, ZSM+16, ZPR+17, AFD12, ATGN+13, CS10, CCZ13, DHC+13, DJX13, DZC+13, FQRG13, GPL+05, JSH09, JSM+04, KGK10, KCKG14, LAS+08, LGAZ07, LFX09, LCL+14, LHWB12, MA08, PLL10, PCT12, RLS13, SV05, SL09, TBC+12, TGAG+12, VDSP09, VED07, WKCS12, WWWL13, WSC+13, WLZ+10, YJTF13, YLTL04, YLW08, ZPC06, ZSLX13, ZDC+12, Memory-access-aware [CLA+19].

Memory-Disk [LYK+15], memory-efficient [PLL10]. Memory-level [EE09]. Memory-Reliability [NRQ16b].


Metrics [EMR14, TDO16a]. MH [PLK+19].

MIAOW [BGG+15]. MiCOMP [ABP+17].

Micro [CAGS17]. Micro-Sector [CAGS17].

Microarchitectural [FMY+15, DJB13, LB10].

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

microarchitectures [ACGK04].

Microbenchmarking [FMY+15].

Microprocessors [BSO07, RCG+10a].

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

MIMD [FSYA09, MinGLE [GaSA+16].

Miniaturization [JEBO+08]. minimal [XL07].

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

minimization [CH06, SSR13]. mining [CDPD13].

Minos [CWC06]. MIPS [SHD15]. misaligned [LWH11].

Mismatches [APBR16]. misprediction [GW08]. misses [SLP08].

Mitigating [ABP+17, EPAG16, SYX+15, LCL+14].

mitigation [DJL+12]. mitigations [CCD12]. Mixed [XIC12]. MLC [PM17, RJS1A18].

MLC/TLC [PM17]. Mobile [PLK+19, ArRF07, TBC+12].

mode [SW13]. Model [CC18, DAKK19].

ESR+15, GGS+17, NZ15, SRC16, XHJY17, YCA18, ZHB18, DC07, MG13. Modeling [BEE15, KR19, LAS+13, SSC+13, AFD07, CA11, EE12, IMS+08, XMM04, SSS+04].

Models [CHE+14, FCD+17, GGS+19, GHH15, VFW16, LAS+08, XIC12].

Modern [HYYAM16, CCD12, JK13, KMBK12].

Modification [GDL16].

Modify [RLS15].

Modulo [LMSE18, KCP13].

Moldable [MKKE15].

Monitoring [LHC+17, LMM08, VDSP09, ZZQ+05].

monopolizable [DJL+12].

Moore [DSH+18].

Morphable [CKPH19].

Most [PLT+15].

Movement [ESR+15].

Moving [DAKK19].

MP [WLZ+13].

MP-Tomasulo [WLZ+13].

MPI [HWX+13, MP13].

MPSoCs [DMR+16].

MRAM [WDX15].

MRAM-Based [WDX15].

MSHRs [CA11].

Multi [CC18, FMY+15, FCD+17, GVT+17, JPS17, KLA+19, LT19, LGP+16, PLK+19, PGB16, SPS17, ZCF18, CDPD13, GWS13, LFC13, PM12, RB13, RPE12, ZGC+12].

Multi- [FMY+15].

Multi-Agent [JPS17].

Multi-Core
Multi-Cores [ZCF18], Multi-CPU [PGB16], Multi-dimensional [LT19], multi-FPGA [CDPD13], multi-GPU [LFC13, RB13], multi-issue [GWS13], Multi-Layer [LGP16], Multi-retention [PK19], multi-server [RPE12], Multi-Tenant [FCD17, KLA19].

Multi-Threaded [GVT17], Multibank [CG15b], Multithreaded [CG15a], Multithreaded [CG15b], multithreaded [CG15a].

Multi-Cores [HK14, PB15, TDO16a, TTS19, MSF16], Near-Data [HK14, KCA13, RPE12].

Multi-Core [HC16, KCH13, BBG13, GSZ10], Last Level Multi-Cache [BBG13], Multi-Cache [BBG13].

Multi-Cores [DGI14, ZB18, ZWL19].

Multi-scale [GBD15], native [RPE12].

Near [HK14, KCA13, LP17, MAD17, VFJ17, KCKG14, RPE12].

Near-Data [VFJ17].

Near-Memory [LP17].

Near-Optimal [KCA13, KCKG14].

Near-Threshold [HK14].

nest [SLM12], Nested [MGSH16, KLM12], nests [CNC13], Network [CEP16, DJC16, EPS18, JPS17, SSH19, TDP15, VFW16, ZCCD16, ZM15, ASK13, LNIK13, LYYB07].

Network-on-Chip [SCE16, DJC16, EPS18].

Network-on-Chips [ZM15]. Networks [ACA19, AMP16, CVB15, GG18, GR15, MJW19, RSK18, ZFF18, BKA13, LWWH12, PRMH13, SMK10, SEP07].

networks-on-chip [LWWH12]. Neural [GG18, GR15, MJW19, RSK18, TDP15, ZFF18, Jim09].

Neuromorphic [LCS19].

next [OA19].

no [HL07].

NoC [HWX13].

NoC-based [HWX13].

NoCMMsg [ZM15].

NoCs [WYJ10].

Noise [AA16].

Non [AEE19, DJL12, HK14, YKM17, BZS13, WDX14].

Non-Java [YKM17].

Non-monopolizable [DJL12].

non-SSA [BZS13].

Non-Uniform [HK14].

Non-volatile [AEE19, WDX14].

Nonlinear [SRC16].

Nonuniformity [WA08].

Nonvolatile [SPM17, DVM11, DJX13].

Not-taken [PS12].

Novel [LMZ18, ZFT18, ZWL19, CCZ13].

NUCA [GFD14, HK14, LMG12].

NUCA-L1 [HK14].

NUMA [RSK18].

NUMA-Aware [RSK18].

NUMA-Caffe [RSK18].

NVM [WSC13].

NVM-based [WSC13].

NVMs [PM17].

NVRAM [LYW18].

O [DCP12, RHLA14].

Object [YLW08, ZLYW18, TDG13, VED07, WM10].

objects [WWY12].

Oblivious [YRGE19, CYXF13].

Obstruction [WDX14].

Occurring [LTX16].

ODE [HLR13].

ODE-based [HLR13].

Off [ACA19, BK17, DPB19, AVG12, AGVO05].

Off-Chip [BKM17].

Online [BSO07, CG15a, CEP+16, TTS19, WAST16]. online [WYJL10]. Ono [MAD17]. Open [BGG+15, HKA+19]. Open-Source [BGG+15]. OpenCL [RVK19, WGO15]. Optimizations [EPS17, JRK19]. Optimizing [LBO14]. Optimization [AYL+18, ABP+17, BSL17, DAP+15, FCT+15, GGS+17, GGS+19, KTA16, LVR+15, MNC+16, RMA14, VFW16, YKM17, YDL+17, ZCF18, CFH+12, CXW+12, CYXF13, DJX13, FT10, GHS12, HS06, HEL+09, HVJ06, JPS17, KHW+05, KWTD09, P113, SLM12, SSR13, SL10, VW11, ZFT+18, ZWHM05, ZCS06]. optimization-phase [KHW+05]. Optimizations [EPS17, JRK16, ZWS+16, LCH+04, LHY+06]. Optimize [DBH16].


Page [LWH+12]. Packed [BSL17]. packing [NB13, SPGE06].

Parallel [ASK+16, ABB+16, DTD16, DDT+17, DHD+14, HAM19, HJW15, MCB+12, MPPS18, MGSH16, NKKH16, PWPD19, RHC15, RLBBN15, SN17, TMP16, WLZ+13, WGO15, ZL18, CDPD13, JYJ+13, LM05, NCC13, STLM12, VJC13, ZBH+13]. Parallelism [CCM+16, CG15b, DHH18, GVT+17, HWJ+15, LMZ18, MGA+17, NKKH16, SDH+15, YBS19, ZX16, EEO9, FLG12, PCT12, SLA+07, WFO14].


pattern-specific [PRMH13]. patternized [KCP13]. Patterns [CSK19, DDT+17, HJW15, LWS+19, LTX16, HLR+13, JSH09].
PCantorSim [JYJ+13]. PCIe [MTK18].
PCM [LWF+16, RJSA18]. penalties [HL07], penalty [GW08], pending [CA11].
per-task [LMJ+13b], Per-thread [DEE13, BTS10], per-copy [TS05],
Perfect [BRJM15]. Performance [AEJE16, AYL+18, BEE15, FDF+14,
GGS+19, GGK18, HMYZ15, JGSM15, KR19, LMZ18, LYH16, LY16, ME17, MTK18,
MAD17, NDI17, Per18, ROA08, RJS18, SLJ+19, TCS16, TKM14, USCM16, WCI+16,
WLWB19, XHJY17, XFS+19, ZFT+18, ZYCY10, ZCF18, AF12, ATGN+13,
BSWLE13, BSM10, CRSP09, CDM13, FBWS13, GW08, HP04, HL07, JED19,
KB+13, KLMP12, KG10, LM05, PGB12, RWY13, SRLPV04, SD12, WKSC12, XT09,
YRGES+19, YC17, ZVY05].
Performance-aware [ZYCY10].
Performance-driven [XT09].
Performance-Energy [HMYZ15].
performance-friendly [CRSP09].
permanent [SSC+13]. Permissions [ERAG+16]. Permutation [ZX19].
Permutation-Based [ZX19]. Persistence [WZG+19]. Persistent [ZLYW18].
Perspectives [PLT+15]. PGAS [KFEG18, SKAE16]. Phase [ABP+17, HAS16, JDZ+13, YMM+15,
KH+05, KWTO09, ZSC+12].
Phase-Change [YMM+15].
Phase-Ordering [ABP+17], phased [HLR+13]. Photonic [DH16]. Piecewise
[DAP+15]. PiPA [ZCW10]. Pipeline [ZJJ+15, HP04, JA14]. pipelined
[PLL10, ZCW10]. Pipelines [MG19, SSW+19]. pipelining
[JSL13, ROA08, RTG+07], place [GS12]. Placement [MN16, MA08, SSK11].
PLDS [FLG12]. Point [ASS17, BWG+12, CS13]. pointer
[SVO5, YTL04]. pointer-intensive [YTL04]. points [Nas13]. points-to
[JK13]. Pollution [SYX+15]. Polyhedral [GGS+19, KL19, LT19, PKC12, SYE19,
SRC16, VJC+13, ZHB18]. Polyhedron [GGS+17]. polymorphic [PM12].
poly morphous [SLN+04]. polytopes [SLM12]. Port [WDX14, GKP14].
Portability [FDF+14]. Portable [Per18, RMA14, WGO15, KPE12].
positioning [ZWHM05]. Pot [VSDL16].
potential [FER+13]. POWER [ACA+19].
Power [AEJE16, ACA+19, CAMJ15,
DJD16, DD16, FCD+17, GáéS+16,
GBD+15, HYAR+15, HYY16, HAC13,
JGSM15, KH18, KMG14, LM05, LAS+13,
LWF+16, RFJ19, SEF+19, WYCC11,
ZCF18, AVG12, BB04, CCZ13, HP04, HL07,
LYY07, MP13, MSK05, PLK+19, SW13,
SEP07, WY10, XL07, YCC11].
Power-Aware
[ACA+19, DTD16, SEP07, WYJ10].
Power-Efficient [HAC13, KH18].
Power/Capacity [GBD+15]. POWER8
[XFS+19]. Practical [FXC+15, KWTD09,
BSWLE13, FT10, ZBH+13], pre
[YCC11, XC19, CL19].
Predictable [DPB1+19, FB18, XHJY17].
Predicting [WLWB19]. Prediction
[EPS17, GAMA12, OAM19, PLG19, YPT+16,
CST06, Jim09, MG12, TS05]. predictive
[IMS+08, RBM10, YCC11].
predictive/adaptive [RBM10]. Predictor
[MI18, OAM19, AGVO05, JSM+04, SL09].
Predictors [EPAG16]. Prefetch [SPS17].
Prefetch-Fraction [SPS17]. Prefetched
[SYX+15]. Prefetcher
[LH16, PB15, SYX+15, LJMG12, SBC05].
Prefetcher-Caused [SYX+15].
Resistive [MYKG16, TZK18]. Resource [Per18, PS12, SAL19, ARS04, DWDS13, GW08, NMKS06, VS11, ZK05].

Reusing [PKPM19]. ReveNAND [SZJK18]. Reviewers [Ana16, Ana13b, Ana15, Bill19, Ana13a].


Routing [ACA+19, CBV15, YRGES+19, BRSJG12, PRMH13]. row [JLRC13].

RRAM [LCS+19]. RRAM-Based [LCS+19]. RTL [BGG+15]. Runtime [DBH16, DT17, KPP+15, LTI12, SSH19, TTS19, YAG+16, YRHB113].

Runtime-Reconfigurable [DBH16].


Scalability [GVT+17, LMZ18, CWCS13, RVOA08].

Scalability-Aware [GVT+17]. Scalable [ASK13, CNS+16b, MG19, Per18, SM19, SYE19, TCS16, ZLYW18, ZLJ18, ZM15, CWCS13, KCKG14, LNLK13, LMJ13a, SSH+13, WV11]. Scalar [SPH+17].

Scalarization [LAAMJ15]. Scale [CAY+18, DAKK19, JLJ+18a, SKH+16, RCV+12, SMK10]. Scaling [BHC+16, GBD+15, MKKE15, ZLC+15, XM04].

SCALO [GVT+17]. Schedule [GGS+17, GGS+19, LMSE18, SSW+19].

Reduction [ASS17, KTA16, LSC+15, LWL18, MSK05, XT09]. Reductions [PWP19]. Redundant [KS16, JLR12].

references [YZL+10]. referent [WK09]. Refresh [LSC+15, TKM14]. Region [HWL+19]. Register [SKPD19, TS15, VZS+18, YXW12, YBSY19, BZS13, CH06, GKP14, JOA+09a, JOA+09b, JA14, SJV08, SL08, SSR13].


Reinforcement [JPS17]. Relaxed [GHI15, RJSA18, YJTF13], relaxed-order [YJTF13], release [GW09, JOA+09b, SL08]. Reliability [NN16, ZFT+18]. Reliable [CWMC16, KS16, KK15, ZLYW18, CPB+07].


Resistive [MYKG16, TZK18]. Resource [Per18, PS12, SAL19, ARS04, DWDS13, GW08, NMKS06, VS11, ZK05].


Reusing [PKPM19]. ReveNAND [SZJK18]. Reviewers [Ana16, Ana13b, Ana15, Bill19, Ana13a].


Routing [ACA+19, CBV15, YRGES+19, BRSJG12, PRMH13]. row [JLRC13].

RRAM [LCS+19]. RRAM-Based [LCS+19]. RTL [BGG+15]. Runtime [DBH16, DT17, KPP+15, LTI12, SSH19, TTS19, YAG+16, YRHB113].

Runtime-Reconfigurable [DBH16].


Scalability [GVT+17, LMZ18, CWCS13, RVOA08].

Scalability-Aware [GVT+17]. Scalable [ASK13, CNS+16b, MG19, Per18, SM19, SYE19, TCS16, ZLYW18, ZLJ18, ZM15, CWCS13, KCKG14, LNLK13, LMJ13a, SSH+13, WV11]. Scalar [SPH+17].

Scalarization [LAAMJ15]. Scale [CAY+18, DAKK19, JLJ+18a, SKH+16, RCV+12, SMK10]. Scaling [BHC+16, GBD+15, MKKE15, ZLC+15, XM04].

SCALO [GVT+17]. Schedule [GGS+17, GGS+19, LMSE18, SSW+19].
Schedulers [KKAR16]. Scheduling [AJE+16, ASV+16, DHD+14, MKKE15, SKPD19, XHJY16, BBG13, CG14, EE12, MBKM12, SPGE06, SWH09, SSR13, TBC+12, XL07, ZGC+12, ZYCZ10].

Scheme [AEE+19, WPJ19, ZWL+19, BBG13, CCZ13], schemes [KCKG14].

SCI [NTG13]. SCI-N-cache [NTG13].

SCORE [ZWL+19]. SCP [SLJ+19].

Scratchpad [JAK17, RTK15, YBSY19, CS10, LFX09]. script [KBR+13]. script-based [KBR+13].

Seamlessly [KNBK12]. Search [HKA+19, KL19, ZX19], searches [KHW+05]. SECRET [LSC+15]. Section [DSR15]. Section-Based [DSR15]. Sector [CAGS17]. Sectored [CAGS17], secure [CRSP09, SSPL+13]. Security [SSH19].

Selecting [BE13, TDO16b]. Selection [MNC+16, SN+19, ZGP15, MBY13].


Sensible [LMA+16]. Sensing [WCI+16].

sensitive [Nas13]. sensitivity [DWDS13].

Sensor [DSK19]. Sensor-Processor [DSK19]. Sequences [ABP+17, MNC+16, KHW+05, PJ13].

Sequential [WLZ+13, LZ12], series [LTG12]. Server [AVG12, FCD+17, LTG12, RPE12]. Servers [LTX16]. Service [GMW09, GSZ10], set [AR13, HL07, KWCL09, ZK06].

set-associative [HL07, KWCL09], sets [DDU12], setups [RPE12]. sTree [BRSJG12]. Shape [MWJ19]. Shared [DRHK15, GKP14, HMYZ15, KE15, LBMI3, PG17, SKAEG16, SLJ+19, WJXC17, XHJY16, AGI+12, AIVL13, GGFPGR12, GSZ10, HLR+13, KGG10, LWHB12, RGG+12, WM11, ZPC06]. shared-data [HLR+13]. shared-memory [ZPC06].

Shared-port [GKP14]. Sharing [GG18, JAK17, KLA+19, YDL+17, ZJJ+15, SSK11]. Shelf [DPBH+19]. shotgun [FBHN04].

showdown [SCEG08]. shuffler [BVIB12]. Side [AHA+19, BCHC19, BVIB12, DJL+12].

Side-Channel [BCHC19, BVIB12]. signatures [OAB12]. Significance [PVA+17]. Significance-Aware [PVA+17].

Significantly [MP13]. Silent [PLG19].

silicon [PCT12]. SIMD [AR13, DSK19, FSYA09, GS12, GR15, HEL+09, KMG14, LHW+19, MYG15, MYKG16, RMA14, SMKH15, WWC+16, ZX19, ZX16].

Simplifying [ZZB+19]. SIMPO [ZYW18].

SIMT [CC18, LAAMJ15]. Simulating [RPE12]. Simulation [JYE+16, SLJ+18, HS05, JY+13, RCV+12].

Simulations [CAY+18, HEMK17, JLJ+18b].

Simulator [LCS+19, NRQ16b]. Simulators [JLJ+18b].

Simultaneous [LGP+16, EE09, RGG+10a].


Skeleton [NC15]. Skeleton-Based [NC15].

Sketch [XDXL19]. SketchDLC [XDXL19].

Skylake [HYAM16]. Skylake-Based [HYAM16].

SLOOP [ASP17]. Slowdown [XHJY17]. SM [ZJJ+15]. smart [AGVO05].

SMT [EE12, LMCV13, PLT+15, SLP08, VS11, WA08].

Snapshot [LDC15].

Snippets [SWU+15]. Snug [HL07]. SoC [CWW+16]. SoCs [DFE+14, SAL19].

Soft [FWJ+16, LKL+13]. Software [BCHC19, DMR+16, GSC17, LCL+14, MG15, RCV+05, RWFJ19, SBS16, SEP07, VCJ+17, VZS+18, YWXW12, CS10, HWH+11, HCC+14, MMdS06, RVOA08,
RCG+10b, RTG+07, TGAG+12, YRHBL13].
Software-based [LCL+14].
Software-controlled [RCV+05].
Software-Defined [DMR+16, TGAG+12].
Software-Directed [VZS+18, SEP07].
Software-guided [RCG+10b].
Software-Managed [YWXW12].
Some [KAC15, Mic16].
Source [BGG+15, HKA+19, YRGES+19].
Source-adaptive [YRGES+19].
Space [BC13, CAGS17, KL19, CPP08, IMS+08, Nas13, PJ13, VH KP11].
Space-Efficient [BC13, Nas13].
Spa [BE13].
Sparse [BJWS18, YAG+16, AR13].
Spatiotemporal [LAAMJ15].
SPCM [HASA16].
Special [CDM13, SHC13, SD12].
Specialization [YAG+16].
Specialized [GÁSÁ+16, GÁSÁ+13].
Species [NCC13].
specific [PRMH13].
Spectral [SB05].
Speculation [MGi15, GPl+05, SHLM14].
Speculative [VS08, DC07, GPl+05, LCH+04, LHY+06, LZ12, LHZ13, NTG13, VS11, XIC12, XC06, YRHBL13, ZSCM08].
speed [GB06, RPE12].
Spelling [GGS+19].
Spill [XT09].
Spilling [CBD15].
Split [RF D13, TBS06].
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