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Title word cross-reference

+ [GL08]. 2 [BPCC09, LP15, RNTW22]. 3
[IAG23, JB15, SPS12, TZWZ15, WZY⁺24]. **K** [LLS⁺23, TK16]. **N** [MPK22].
QR [ZCL16].

-body [MPK22]. **-D** [SPS12]. **-Means** [TK16]. **-Nearest** [LLS⁺23].

10 [TKB⁺24]. **11th** [AC14]. **15th** [DH08]. **16-nm** [TMLS21]. **19th** [GC13].
1D [SB25].

2 [YB18]. **2.0** [AZM⁺19, GMZ⁺23, WZL24, ZLY⁺24]. **2.1** [JRHK15]. **200**
[WBR16]. **2007** [AN09]. **2009** [Che11, WBAM10]. **2011** [Hüb12]. **2013**
[CDM15]. **2014** [BAG15, DB15, GSCB15, RVHP16, SB15]. **2015** [CS17].
2019 [Deh20]. **2020** [MST22, Sha22]. **2021** [GKK24, KZ23]. **2022**
[Ien23, KS24, LH23]. **2023** [FB24]. **256** [MAK⁺12].

5 [AKA09]. **5.0** [LKJ⁺11].

7.0 [LGW⁺14]. **7nm** [SY24]. **7th** [VG14].

8 [MPZ⁺20]. **80** [YSC⁺23].

A-Port [PVA⁺09]. **Abstraction** [IBH⁺15]. **Abstractions** [IPC14].

Academic [MWL⁺15]. **ACAP** [ZLY⁺24]. **Accelerated** [GKA⁺24, MHS⁺19, MCC10, SKJ22, WZY⁺24, BE19, GKLLA23, SM25]. **Accelerating** [JLB⁺08, LMD⁺25, LLZ⁺24, PFL22, SDGL⁺22, TZWZ15, VL11, ZG16, ZVS20]. **Acceleration** [ACFm⁺25, ABB⁺23, BMC⁺22, CKRG⁺24, CAPA⁺09, CZD⁺25, CSS⁺23, CBR⁺14, CZ09, DFB⁺22, HNM⁺22, KLC11, KZB23, LUX⁺21, LLS⁺24, LAF24, MCD⁺18, NG25, PFC15, PBPLA17, RRLW22, SCL24, TBS⁺25, TK16, TYL⁺23, WTS19, WMG⁺10, WWC⁺22, WSZ⁺25, XCG⁺09, YOY17, YBS16, ZBR12].

Accelerator [BHXJ24, CNZ⁺18, CZZ23, CJH⁺24, DCL⁺22, HLW⁺21, JS24, JZL⁺24, KVV24, LML⁺23, LXS⁺24, LDJ⁺17, LLS⁺23, LLYC24, MYST25, QMG⁺24, QNF⁺23, SZKR22, SKW⁺21, TWL⁺23, TTY25, WHJ⁺23, XRC23, XJXQ24, YHK⁺21, YEC⁺09, YGH⁺18, ZZJB13, ZQBL25, YXC⁺11].

Accelerators

[BHF⁺25, BSW⁺23, BBO⁺25, DCS24, FC24, GFC⁺25, GZY⁺18, HBXA23, JRHK15, KHK24, LCL⁺24, NGM⁺23, SLL⁺20, SKJ22, UNBR14, ZLY⁺24].

Access [AEM⁺24, LYZ⁺18]. **Accesses** [PFC15]. **Accumulation** [LLL⁺23].

Accumulator [WS16]. **Accuracy** [DHL⁺18, KY18, LP15, UNBR14].

Accurate [AVCP20, CSK17, DLBM18, JM14, SLH⁺25]. **ACE** [HLW⁺21].

ACE-GCN [HLW⁺21]. **ACM** [Lee23]. **Across** [DCS24]. **ACTS** [JS24].

Adaptable [MLPK22]. **Adaptation** [FL20]. **Adaption** [BHI15]. **Adaptive** [CNE⁺15, GRNW22, INF⁺14, JCG⁺12, LSP⁺23, NNY12, OVI⁺12, PMC⁺14, SGW20, Tak17, ZCL15, ZMH⁺23, Tak12, DGP⁺15]. **ADAS** [CZZ23]. **Adder** [PBBP18]. **Adders** [HU10]. **Adding** [PSM⁺14]. **Addition**

[CAPA⁺09, OBD13]. **Addition-Related** [OBD13]. **Adjustable**

[FYZ⁺25, ZWM19]. **Adjustment** [NW11]. **Advantage** [MPK22].

Advantages [WSDH23]. **adventure** [RD11]. **AEKA** [BHXJ24]. **Aerial**

[CZ09]. **Aerospace** [WGGR16]. **AES** [DGP10, HF14]. **Against**

[SRR23, LOM10]. **Agent** [GMBC17]. **Aggregation** [GS23]. **Aging**

[CAG⁺22]. **Agreement** [ADSH18]. **AI** [JZL⁺24]. **AIgean** [TDH⁺22]. **Ain't**

[RNTW22]. **Algebra** [HZS⁺25]. **Algorithm** [AIH⁺24, CBR⁺14, EWL15,

KVV24, MS25, RLY⁺15, Ste10, SMN⁺23, TL11, TK16, ZCK22].

Algorithm-Hardware [AIH⁺24]. **Algorithm/Architecture** [EWL15].

Algorithmic [ZVS20, ZW25]. **Algorithmic-Level** [ZW25]. **Algorithms**

[CW09, LRA13, NSS⁺11]. **Alignment** [JLB⁺08, MCC10, OBD13].

All-digital [LLS⁺24]. **Altera** [SMOP15, TK16]. **Altering** [WML⁺24].

AMD [HDN⁺24]. **Amenability** [HNG09]. **Analog** [HH24]. **Analyses**

[DRHM22]. **Analysis** [BPF11, CCF⁺18, CFBS15, CKG⁺10, JCGW20,

LLL⁺23, MMMT09, PRV21, PPR⁺10, RGGW10, RGCL16, RMSK16, SB08,

TMLS21, WBCW24, GP13, Tak12]. **Analytical**

[DLZ⁺24, KSCC10, LAL13, YCV⁺21, DW13, HGLS11]. **Analytics** [JS24, SZKR22]. **Analyzing** [GSJC13]. **Anomaly** [LBL23]. **Application** [ABCC09, BBND10, CM14, DDB⁺10, GdLIG⁺14, JSC14, KGS15, LJS11, MLPK22, MWK⁺12, PMKM11, RUC11, SSK⁺23, SLL⁺20, VTN09, WYZ16, WMG⁺10, YFW⁺17, SSF⁺13]. **Application-Optimized** [YFW⁺17]. **Application-Specific** [PMKM11, LJS11, SLL⁺20]. **Applications** [AZM⁺19, AI22, CFBS15, CKG⁺10, DFB⁺22, GKM⁺12, HDMN24, IAG23, KBM09, KCC⁺14, LZF⁺10, LBRS16, NJLW14, PSM⁺14, PVB13, RRW⁺22, SGC21, SML⁺24, WHQ⁺08, KSG11]. **Applying** [NSS⁺11]. **Approach** [CM14, DCS24, FKM⁺25, GKGS23, KM10, LY⁺18, MS23, MWK⁺12, NBS13, RKV23, SBC15, WSDH23]. **Approaches** [CHG22, MVGB15, SAD10]. **Approximate** [FAB22, LN23, SUK24, VVZL25]. **ARC** [BAG15, DB15, GSCB15, SB15, WBAM10]. **ARC’08** [CWBD09]. **Architecture** [BYB23, ADSH18, ATJZ16, BCE⁺10, CXG⁺12, DS15, EWL15, FT17, GWS23, GMBC17, GPL24, IZO⁺10, IGM⁺20, IF23, IBH⁺15, KLD16, KSCC10, KAL14, KD21, LNGP22, LLS⁺24, LYC⁺24, LVC24, LGW⁺14, MPZ⁺20, OWMZ11, PFC15, PB18, RRLW22, RNTW22, SBC10, SB15, SZZW23, SCL24, SKB⁺22, Tak17, VL11, WS16, WSZ⁺25, XJD⁺16, ZCL16, ZLY⁺24, DW13, LKJ⁺11, Oli12]. **Architectures** [BBND10, BDX⁺19, CBC⁺12, DSB09, EBYB20, GC13, IAG23, JTLC09, KY18, LAL13, LFN⁺18, NG25, SFT⁺23, WCK21, YB18, ZFCZ25, HLL08]. **Area** [BHXJ24, DD15, KY18, SY24, Tho15, WCK21]. **Area-Efficient** [BHXJ24, DD15, Tho15]. **ARISE** [VTN09]. **Arithmetic** [SUK24, SCC10, TMLS21, WWC⁺22, WSZ⁺25]. **ARM** [GHWS22, PCC⁺25]. **ARM-based** [PCC⁺25]. **Array** [BCW21, SLH⁺10, ZCL16]. **Array-System** [BCW21]. **Arrays** [DPHT19, HNM⁺22, SCC10, ZCK22, ZH12]. **Art** [LCL⁺24]. **Artifact** [Lee23]. **Artificial** [KAL14]. **ASIC** [BYB18, DE22]. **ASIP** [EWL15]. **Assembly** [BGSL17]. **Assignment** [SB08]. **Associative** [DD15]. **Assurance** [CHG22, KMK⁺10]. **Asymmetric** [SDG12]. **Atmospheric** [GFL⁺15]. **Attack** [SGM09]. **Attacks** [GER19, GTS23, KGT19, MDL⁺23, TJCP25, ZQ19]. **Authenticated** [ADSH18]. **Automata** [BDX⁺19, KB23, KD21, MHS09]. **Automated** [BBO⁺25, CCZ⁺24, DD18, GMZ⁺23, HDMN24, LAF24, RMSK16, SCC10, XJXQ24]. **Automatic** [AZM⁺19, APR⁺22, SFT⁺23, TYL⁺23, YB18, YBS16]. **Automatically** [LP15]. **Automating** [NCJ⁺15, YFW⁺17]. **Automation** [KTB⁺24, SV09]. **Autonomous** [BMR16, DVK15]. **AutoScaleDSE** [JYJC23]. **Avionics** [LZF⁺10]. **avoidance** [RD11]. **Aware** [BAG15, BKT14, DLZ⁺24, HNS⁺10, LCS14, LN23, NJLW14, SB08, TTY25, CMT⁺24, EA11, KSG11, ZVS20]. **Awareness** [AHL⁺14, Bec14, GKLLA23, DGP⁺15]. **AWS** [ES22]. **AxOMaP** [SUK24].

Bandwidth [AI22, BBND10, HNM⁺22, SLH⁺10, SXZ⁺25a, USY17, BC11, SFT⁺23, ZZB⁺20]. **Bandwidth-Bound** [AI22]. **Bandwidth-Reduction**

[SLH⁺10]. **Based**

[AL16, AIH⁺24, BAG15, BHXJ24, CBFM14, CZ09, DGP⁺15, DCL⁺22, DLZ⁺24, DL09, EWL15, FHL⁺24, FYZ⁺25, FZ25, GWPK20, GDHG11, GHO17, HLN⁺10, JCG⁺12, JTLC09, Kap16, KBT09, KD10, KGS⁺12, LBRS16, LYC⁺24, LZ19, LCL⁺24, LT09, LVC24, LYH⁺23, LL12, MVGB15, MWBL21, MZLS20, NNY12, OVI⁺12, PRV21, PPR⁺10, RKV23, RC10, SY24, SLH⁺10, SB15, SP20, SCY⁺23, SXZ⁺25a, SXZ⁺25b, TYB18, USY17, WAS⁺23, WZY⁺24, WGGR16, YOY17, ZCL16, ZBC⁺09, ZNA⁺18, ZBB⁺16, AHAM⁺19, AB23, BHF⁺25, CZD⁺25, CAG⁺22, DLCJ20, EA11, FZ23, GWS23, GKGS23, GWXW21, GZY⁺18, HBXA23, HLL08, KZB23, LZF⁺10, LSP⁺23, LZZ⁺24, LFN⁺18, LLS⁺23, LLYC24, LBL23, MLFS22, MKSB22, MBJJ11, MS25, NGM⁺23, PCC⁺25, SUK24, SKW⁺21, SLL⁺20, SML⁺24, Ste10, TWL⁺23, TJCP25, TYL⁺23, TTY25, TKB⁺24, WTS19, WWC⁺22, YXC⁺11, YHK⁺21, ZBR12, ZQ19, ZZB⁺20, ZFCZ25, ZQBL25, KP14].

Based [TLC⁺24, UNBR14, ZZJB13]. **Bayesian** [MYST25]. **Behavior**

[PVA⁺09]. **Benchmarks** [HH24, MKP23, MWL⁺15, PB18]. **Benefits** [PSM⁺14]. **Bent** [SZZW23]. **BETA** [TTY25]. **between**

[LW08, MWL⁺15, TOS17]. **BFS** [LXS⁺24]. **Big** [RMSK16]. **Binary** [ADSH18, BHXJ24, BHF⁺25, FAB22, HBXA23, PFC15, SCL24, YLF⁺24].

Binary-U unary [FAB22]. **Biomedical** [KCC⁺14, YBS16]. **BISWSRBS**

[YHK⁺21]. **Bit** [TTY25, UCR⁺19, LYH⁺23]. **Bit-Level** [TTY25].

Bit-Serial [UCR⁺19]. **Bits** [DVK15, GKGS23]. **Bitstream**

[BPF11, HTG25, SMOP15]. **Bitwidth** [VDdSN23]. **BlastFunction**

[DFB⁺22]. **BLASTP** [JLB⁺08, MH15]. **Block**

[BDGH15, CBFM14, DE22, EBYB20, TYB18, ZCK22, ZQBL25].

Block-Based [CBFM14]. **Blockchain** [ILP24]. **Blocks**

[AGM⁺22, FK08, NI24, RRW⁺22, SY24, TMLS21, PMKM11, dBVW⁺24].

BLOOP [FZ23]. **BNN** [DCL⁺22]. **body** [MPK22]. **Boltzmann** [KAL14].

Boolean [FZ23]. **Bottleneck** [SKJ22, KSG11]. **Bound**

[AI22, MHS09, RLM⁺17]. **BRAM** [AZM⁺19]. **BRAMs** [DGP10]. **Branch**

[RLM⁺17]. **Bringing** [DFB⁺22]. **Broadcast** [PSM⁺14]. **Buffer**

[HDMN24, JSG⁺22]. **Build** [BF23]. **Building** [AGM⁺22, DE22]. **BurstZ**

[SKJ22]. **Buses** [HBA⁺15].

C [ES22]. **C/C** [ES22]. **Cache** [AI22, KD19, SDG12]. **Cache-coherent**

[KD19]. **Cache-Unfriendly** [AI22]. **Caching** [SLL⁺20]. **CAD**

[KA17, LKJ⁺11, LGW⁺14, MWL⁺15, MPZ⁺20]. **calculation** [DCL⁺22].

Calculus [GWPK20]. **Calculus-Based** [GWPK20]. **Calibration** [TKB⁺24].

Calling [XRC23]. **CAM** [SCL24]. **Canalis** [CNK⁺24]. **Cannot** [BYB18].

Capabilities [GFBF12, HCGG24]. **Capability** [LZF⁺10]. **Capable**

[BMR16, KA21]. **care** [MBJJ11]. **Carlo** [TB10]. **Carry** [PABI09].

Cartography [SGM09]. **Case** [SFT⁺23, NSS⁺11]. **CDO** [KLC11]. **Cell**

[IZO⁺10, KA17, PABI09]. **Cellular** [KD21, MHS09]. **Centers**

[ENPR22a, ENPR22b, KW22]. **Centric** [BFBN⁺20, VG14]. **CGRA**

[VL11, CCZ⁺24, TJCP25, WCK21, dBVW⁺24]. **CGRA-based** [TJCP25].
CGRA-EAM-Rapid [WCK21]. **CGRAs**
[CM14, MS25, NZS⁺23, WSDH23]. **Chain** [PABI09]. **Challenge** [MKP23].
Challenges [CLL⁺22, NG25]. **Channel**
[DSW⁺24, GTS23, SG15, TJCP25, GER19]. **channels** [TES24].
Characterization [WMG⁺10]. **CHARM** [ZLY⁺24]. **Check** [DL09].
Checking [CPFM21, PD15]. **Checkpointing** [AB20, AB23]. **Chief** [Che19].
Chip [AB14, BCW21, CTH16, CSK17, DE22, GMBC17, GdLlG⁺14, GS10,
HBA⁺15, JSC14, LXS⁺24, LL12, VG14, ZW25, GNM⁺15, LLS⁺23].
CHIP-KNNv2 [LLS⁺23]. **CHIRP** [BHF⁺25]. **Choose** [RD11].
Choose-your-own-adventure [RD11]. **Cibola** [QRDC⁺15]. **Cipher**
[SCY⁺23, YSC⁺23]. **Circuit**
[AHSS⁺21, DVH⁺15, EAAA19, KS20, LL12, MKP23, US23, WSC09, GL08].
Circuit-Switched [LL12, MKP23]. **Circuit-Switching** [US23]. **Circuitry**
[GGR⁺18]. **Circuits** [BMR16, CBC⁺12, CAG⁺22, DL09, FC24, FZ25,
GRNW22, JSG⁺22, JMGI23, LSP⁺23, SC08, SV09, Ste10, WBR16, WBR18].
Classification [MS23, ZWM19]. **Clock** [GRNW22, WSDH23, LW08].
Clocking [DB15]. **Cloud**
[AKM⁺25, BDX⁺19, BE19, BMC⁺22, DFB⁺22, DE22, ES22, GTS23, KZB23,
KGT19, LSP⁺23, MKSB22, SM25, ZDS⁺22, EAAA19]. **Cloud-native**
[DFB⁺22]. **Clouds** [APR⁺22, DE22, RHLK18]. **Cluster** [US23, GNM⁺15].
Clustering [LRA13, ZMH⁺23, EA11]. **Clusters** [FK08, OKA19, TDH⁺22].
CNN [BSW⁺23, JZL⁺24, LFN⁺18, MCD⁺18, MZLS20, WWC⁺22, YHK⁺21,
YGH⁺18]. **CNN-based** [LFN⁺18]. **CNNs** [dMdLC23]. **Co**
[AIH⁺24, AB23, EWL15, GCL⁺23, MCL⁺23, SMN⁺23, ZHL⁺21].
Co-Design [AIH⁺24, ZHL⁺21, MCL⁺23]. **Co-Exploration** [EWL15].
Co-optimization [GCL⁺23, SMN⁺23]. **Co-Simulation** [AB23]. **Coalesce**
[AI22]. **Coarse** [VL11, WCK21, XJD⁺16]. **Coarse-Grained**
[VL11, XJD⁺16, WCK21]. **Code** [DVH⁺15, DC16, ES22, GRG08, ZG16].
Codesign [JSLO24, CMT⁺24, SC11]. **Coding** [BAG15]. **Coefficient**
[FAB22]. **CoEx** [EWL15]. **COFFE** [YB18]. **Coherency** [SDG12].
Coherent [PRV21, KD19]. **Collaborative** [FKM⁺25, MZLS20].
CollectiveHLS [FKM⁺25]. **Column** [VL11]. **Column-Oriented** [VL11].
Combination [DRHM22]. **Combinational** [SFNP23]. **Combinatorial**
[WSC09]. **Combined** [PP10]. **CoMeFa** [ABB⁺23]. **Commercial**
[FL16, MWL⁺15, ZML⁺22, PANBI11]. **Communication**
[CNK⁺24, HNS⁺10, KLD16, PCC⁺25, SKJ22, TL11, US23, VG14, HZW⁺13].
Communication-Aware [HNS⁺10]. **Communication-centric** [VG14].
Communications [BNW⁺10]. **Compact** [BHF⁺25, HBXA23].
Comparison [BNW⁺10, LA17]. **Compatible** [LT09]. **Compensation**
[DNL19]. **Compilation**
[BPFD11, ES22, MWK⁺12, SFNP23, UAS16, XPN⁺24]. **Compile** [PPR⁺10].
Compile-Time [PPR⁺10]. **Compiler** [HLC⁺15, ZG16]. **Complex** [YB18].
Complexity [FRS⁺15]. **Compliant** [BCW21, KGC⁺24]. **Component**

[SCC10]. **Components** [ATJZ16, DC16, RDC⁺21]. **Composable** [LBL23]. **Composing** [BSW⁺23, LLO⁺14, ZLY⁺24]. **Comprehensive** [JCG⁺12, MZLS20, GP13]. **Compressed** [DCL⁺22, GS23]. **Compressing** [SB25]. **Compression** [GRG08, PP10, PBBP18, SKJ22, USY17, IYY⁺11]. **Compression/Decompression** [PP10]. **Compressor** [CAPA⁺09, HDN⁺24, PABI09, PANBI11]. **Computation** [HH24, VDG⁺24, IF23, MYST25, SXZ⁺25b, dMDLC23]. **Computational** [CZZ23, HNM⁺22, RGCL16, SFT⁺23, TBS⁺25]. **Computations** [RDC⁺21]. **Compute** [ABB⁺23, BBO⁺25, LLS⁺24, MHS09]. **Compute-in-Memory** [ABB⁺23, LLS⁺24]. **Compute-Intensive** [BBO⁺25]. **Computer** [FHL⁺24, LYS⁺08, NSS⁺11]. **Computers** [SPM⁺10, THK12]. **Computing** [AJYH18, Bec14, CH10, CKG⁺10, EAGEG09, FAB22, HNS⁺10, IAG23, JCG⁺12, MH15, MWBL21, NG25, RGGW10, RDB⁺18, SKJ22, USY17, UAS16, UCR⁺19, WGGR16, dDELVP13, KSG11]. **Conference** [AC14, LAA⁺17]. **Configurable** [KGC⁺24, LLS⁺23, MCL⁺23, PABI09, PRV21, WS16]. **Configuration** [AEM⁺24, CAG⁺22, DVK15, HBA⁺15, KD10, SCY⁺23]. **Configuration-based** [CAG⁺22]. **Configurations** [MHK⁺08]. **CoNFV** [ZSP⁺21]. **Congestion** [AHAM⁺19, CTH16]. **Congestion-estimation** [AHAM⁺19]. **Conjugate** [RC10]. **Connected** [ATJZ16]. **Connection** [ZVS20]. **Connection-aware** [ZVS20]. **Connections** [WML⁺24]. **Connectivity** [NI24, WAS⁺23]. **Consideration** [TL11]. **Considering** [SC08]. **Consolidation** [DCL⁺22]. **Constant** [FAB22, HCOB13]. **Constant-Coefficient** [FAB22]. **constrained** [MHS⁺19, SMN⁺23]. **Constraint** [LN23, MWK⁺12]. **Constraint-Aware** [LN23]. **Constraints** [BAMR10, INF⁺14, LP15]. **Construction** [LLZ⁺24, YFW⁺17]. **Context** [AB20, BMR16, KA21, NW11, SKW⁺21]. **Context-Switch** [BMR16, KA21]. **Continuous** [GGR⁺18]. **Control** [CJWC23, NW11, ZG16]. **Control-Intensive** [ZG16]. **Controller** [GdLIG⁺14]. **Converter** [DNL19]. **Converters** [DSW⁺24]. **Convolution** [WTS19]. **Convolutional** [BYB18, DWN⁺22, LDJ⁺17, LFN⁺18, LLYC24, MHS⁺19, PBBP18, TWL⁺23, VDDSN23]. **Coordination** [ASGY12, PMC⁺14]. **Coprocessor** [GS10]. **CORDIC** [RKV23, ZCL15, ZCL16]. **CORDIC-Based** [RKV23, ZCL16]. **Core** [IZO⁺10, WPSI18, WMG⁺10, BYB23, QNF⁺23, SGNB08]. **Correlation** [GSJC13, LML⁺23]. **Correspondence** [SM25]. **Correspondence-free** [SM25]. **COSMIC** [GGR⁺18]. **Cost** [DPHT19, TL11, VVZL25, PDH11, ZH12]. **Countermeasure** [MMMT09]. **Counters** [LT09]. **Counting** [FK08, PBPLA17]. **Covert** [GER19, GTS23, TES24]. **Covert-** [GER19, GTS23]. **Covert-channels** [TES24]. **CPU** [CCF⁺18, LLZ⁺24, LAF24, MCD⁺18]. **CPU-FPGA** [LAF24]. **CPUs** [TJCP25, TOS17]. **Creating** [DE22]. **Creation** [SFT⁺23]. **Creative** [MCL⁺13]. **Cross** [BDX⁺19, DSW⁺24, YGH⁺18, GTS23]. **Cross-layer** [YGH⁺18]. **Cross-Platform** [BDX⁺19, DSW⁺24]. **Cross-VM**

[GTS23]. **Cryo** [TZWZ15]. **Cryo-Electron** [TZWZ15]. **Crypto** [GPL24]. **Crypto-Puzzle** [GPL24]. **Cryptographic** [BDGH15, SKW⁺21, SGM09]. **Cryptography** [GFBF12, HBXA23, ILP24, KBM09, LYC⁺24, SG15]. **CRYSTALS** [CKRG⁺24, MCL⁺23, ZHL⁺21]. **CRYSTALS-Dilithium** [CKRG⁺24, MCL⁺23, ZHL⁺21]. **CRYSTALS-Kyber** [CKRG⁺24]. **CSAIL2019** [GPL24]. **CTScan** [TJCP25]. **Curve** [ADSH18, GPP08, ILP24, KBM09, SG15]. **Curve25519** [SG15]. **Custom** [GRG08, LCS14, PBBP18, TOS17]. **Customizable** [MPZ⁺20]. **Customized** [LFN⁺18, MLPK22]. **cuts** [KVK⁺11]. **Cyber** [JSLO24]. **Cyber-Physical** [JSLO24]. **Cybersecurity** [PCFM23]. **Cycle** [CSK17]. **Cycle-Accurate** [CSK17]. **Cyclostationary** [LLL⁺23].

D [BPCC09, IAG23, JB15, LP15, RNTW22, SPS12, TZWZ15, WZY⁺24]. **D-LSTM** [RNTW22]. **D-stacked** [IAG23]. **DANSEN** [TBS⁺25]. **Data** [ENPR22a, ENPR22b, GKLLA23, GKM⁺12, HLW⁺21, IABV15, KA21, KW22, LYZ⁺18, PVB13, RMSK16, SZKR22, SWT⁺22, SKH⁺22, USY17, WAT15, dMdLC23, CA11, ZZB⁺20]. **Data-driven** [HLW⁺21]. **Data-Flow** [GKM⁺12]. **Data-Level** [PVB13, CA11]. **Database** [LMD⁺25, TBS⁺25]. **Databases** [VL11]. **Datacenters** [BE19, BMC⁺22]. **Dataflow** [GCL⁺23, HDMN24, JSG⁺22, JMG123, MS25, YCV⁺21, ZG16, ZFCZ25]. **Datapath** [SBC15, WHQ⁺08]. **Datapath-Oriented** [WHQ⁺08]. **DBSCAN** [SB15]. **DCT** [CA11]. **Debug** [JCGW20, WHQ⁺08]. **Debugging** [AB23, IPC14, JCGW20, KS20]. **Decision** [CSS⁺23, OKA19, TTY25]. **Decoders** [DLCJ20, CA11]. **Decomposition** [ZCL16]. **Decompression** [KBT09, PP10]. **Deconvolutional** [LFN⁺18]. **Dedekind** [VDG⁺24]. **Dedicated** [NZI22]. **Deep** [AHSS⁺21, ABB⁺23, BPF⁺18, BATM22, CPW18, DWN⁺22, EBYB20, GKLLA23, LLS⁺24, LDJ⁺17, MHT⁺21, NGM⁺23, RKV23, RVN24, RHLK18, XJXQ24, ZDS⁺22, ZLY⁺24, AGM⁺22]. **Deep-Learning** [BPF⁺18]. **Deeply** [LFN⁺18]. **defect** [RD11]. **Defenses** [ZQ19]. **defined** [LUX⁺21]. **Deflection** [KG17]. **Deflection-Routed** [KG17]. **Defragmentation** [FKS⁺12]. **Delay** [LOM10, MHK⁺08, SC08, WYZ16]. **Delayed** [FL20]. **Delays** [GNM⁺15, WSC09]. **DeLiBA2** [KHK24]. **Demands** [RUC11]. **Demystifying** [LFS22, ZFCZ25]. **Dense** [RC10, RMSK16]. **Density** [LML⁺23]. **DEpendability** [KGS⁺12, WGGR17]. **Dependable** [Ste10]. **Dependency** [GWXW21, JCGW20]. **Deploying** [ABB⁺23, MKSB22, TDH⁺22]. **Deployment** [BDX⁺19]. **Depth** [CCF⁺18]. **Depthwise** [LLYC24]. **Derivatives** [MWBL21]. **Descriptor** [SCL24]. **Design** [AIH⁺24, BKT14, BMR16, CHG22, CCZ⁺24, DLCJ20, DL09, EWL15, FHL⁺24, FYZ⁺25, FKM⁺25, FZ25, GWPK20, GHO17, GCL⁺23, IPC14, JSC14, JB15, JYJC23, KMK⁺10, LP22, LVC24, LYH⁺23, MKP09, MLFS22, MHS⁺19, MZLS20, NBS13, PRV21, PCFM23, SJT09, SBC15, SCY⁺23, SKB⁺22, Tak12, TKB⁺24, UNBR14, VDdSN23, WBCW24, ZMH⁺23, ZHL⁺21, ZW25, HLL08, HH13, MCL⁺23, MAK⁺12].

design-space [HLL08]. **Designing** [AHL¹⁴, FK08, KGC²⁴, RVN24, SUK24]. **Designs** [BPCC09, DD18, DHL¹⁸, DLZ²⁴, DB15, GMZ²³, MKP23, NEPV24, RLM¹⁷, WYZ16]. **Desktop** [LYS⁰⁸]. **Detailed** [NZI22]. **Detection** [AVCP20, AIH²⁴, ATJZ16, GKA²⁴, LBL23, PD15, SMN²³, YGH¹⁸, KSG11]. **Detector** [MFOM23]. **Deterministic** [MS23, KB23]. **Development** [VTN09, DW13]. **Device** [CXG¹²]. **Devices** [FHL²⁴, FKS¹², RGCL16, WMG¹⁰]. **DF** [APR²², TTY25]. **DF-BETA** [TTY25]. **Diagrams** [CSS²³]. **Dictionary** [GRG08]. **Difference** [NJLW14, SLH¹⁰]. **Differential** [MMMT09]. **Digital** [BNW¹⁰, DNL19, DSW²⁴, LP15, MCN12, SFNP23, SSC16, LLS²⁴]. **Digital-Signal** [SSC16]. **Digitizer** [TKB²⁴]. **Dilithium** [CKRG²⁴, MCL²³, ZHL²¹]. **Direct** [WZL24, ZBR12]. **Directional** [KG17]. **Directive** [DLZ²⁴]. **Disaggregated** [ASPP22]. **Discovery** [MCL¹³]. **Discrete** [GdLG¹⁴, GPP08, LYC²⁴]. **Distributed** [KHK24, LZZ²⁴, LP22, OKA19, HZW¹³]. **Div** [MLFS22]. **Divider** [MLFS22]. **DL** [GZY¹⁸]. **DMA** [SSK²³]. **DNN** [ACFm²⁵, APR²², RRLW22]. **Do** [BYB18]. **Domain** [DDH¹¹, SFT²³, NSS¹¹]. **Domain-Specific** [DDH¹¹, SFT²³]. **Domains** [NZS²³]. **DONGLE** [WZL24]. **don't** [MBJJ11]. **don't-care-based** [MBJJ11]. **DORGA** [NW11]. **Dot** [VDdSN23]. **Double** [LGD¹⁴]. **Double-Precision** [LGD¹⁴]. **DPA** [LOM10]. **DRAM** [SLL²⁰]. **DRAM-based** [SLL²⁰]. **Drift** [GKLLA23]. **Drift-awareness** [GKLLA23]. **Driven** [DSK15, LRA13, MWL¹⁵, Ste10, YGH¹⁸, EA11, HLW²¹, ZML²²]. **driver** [LKJ¹¹]. **Drone** [SMN²³]. **DSL** [SP20]. **DSL-Based** [SP20]. **DSP** [CBFM14]. **DSP48E2** [NEPV24]. **DSPs** [DGP10]. **Dual** [HF14, LYH²³]. **Dual-Rail** [HF14]. **Dual-ring** [LYH²³]. **Dynamic** [AZM¹⁹, BHI15, CZZ23, CTH16, CJWC23, CW09, DVH¹⁵, DRHM22, ERO25, FKS¹², JS24, KP14, KS20, LP15, TWG²⁰, VPPK20, VVZL25, VMV15, NSS¹¹, JS24]. **Dynamic-ACTS** [JS24]. **Dynamic-scheduling** [CJWC23]. **Dynamically** [BBND10, DGP¹⁵, HHSC10, MSSM10, NNY12, QMG²⁴, TL11, ZBB¹⁶, HLL08, HH13, IYY¹¹]. **Dynamics** [CH10, HNM²², SFT²³]. **DyRecMul** [VVZL25].

EAM [WCK21]. **Early** [TTY25]. **ECC** [DL09, GS10, WHJ²³]. **Eciton** [CJH²⁴]. **Edge** [BF23, CJH²⁴, DCL²², KZB23, TJCP25]. **Edge-skip-computation** [DCL²²]. **Edition** [DH08]. **editor** [AN09, Che19]. **Editor-in-Chief** [Che19]. **Editorial** [CDM15, Che19, DH08, GSCB15, WBAM10]. **Editors** [SJT09]. **Edwards** [ADSH18]. **Effect** [HLC¹⁵]. **Efficiency** [BYB18, DPHT19, NZS²³, PBBP18, YLF²⁴, HDN²⁴, LYH²³]. **Efficient** [BHXJ24, BMR16, BGSL17, CCT²², DD15, DLBM18, EBYB20, FT17, FK08, HH24, HU10, ILP24, KSCC10, KVV24, KD19, LYZ¹⁸, LLYC24,

MCD⁺¹⁸, PCC⁺²⁵, PBPLA17, RLY⁺¹⁵, RLM⁺¹⁷, SLH⁺¹⁰, SSK⁺²³, SFNP23, Tho15, VDdSN23, WML⁺²⁴, XJXQ24, dBVW⁺²⁴, CA11, SMN⁺²³]. **EiC** [Che22]. **Elastic** [APR⁺²²]. **Elastic-DF** [APR⁺²²]. **Electrical** [KGT19]. **Electrical-level** [KGT19]. **Electromagnetic** [SGM09]. **Electron** [TZWZ15]. **Element** [MVGB15]. **Elementary** [LGD⁺¹⁴]. **Eliminating** [SKJ22]. **Elimination** [NCJ⁺¹⁵]. **Elliptic** [GPP08, ILP24, KBM09, SG15]. **Embedded** [BHI15, Kap16, KBT09, RRW⁺²², SML⁺²⁴, WPSI18, WHQ⁺⁰⁸]. **Embedding** [HLW⁺²¹]. **Empirical** [RKV23]. **Emulation** [CSK17, TJCP25, ZZB⁺²⁰]. **EmulatoR** [KGS⁺¹²]. **Enable** [AZM⁺¹⁹, AB20, RDB⁺¹⁸]. **Enabled** [HNM⁺²², JS24, BYB23, TES24]. **Enabling** [MWL⁺¹⁵, OVI⁺¹²]. **encoded** [KVK⁺¹¹]. **Encryption** [HTG25, SMOP15]. **End** [BSW⁺²³, BPF⁺¹⁸, BF23, CMT⁺²⁴]. **End-to-End** [BPF⁺¹⁸, BSW⁺²³, BF23, CMT⁺²⁴]. **Energy** [DSK15, DLBM18, DPHT19, KLD16, LP15, NZS⁺²³, SMN⁺²³, WCK21, dBVW⁺²⁴, CA11]. **Energy-Efficient** [DLBM18, dBVW⁺²⁴, SMN⁺²³, CA11]. **Energy-Reliability** [DSK15]. **Engine** [JZL⁺²⁴, JYJC23, MS23, SXZ^{+25b}]. **Engines** [RVN24, XCG⁺⁰⁹, YXC⁺¹¹]. **Enhance** [RKV23]. **Enhanced** [JCCM09, ZCL15, ZCL16, LXS⁺²⁴, MS23]. **Enhancement** [ABCC09]. **Enhancements** [ZVS20]. **Enhancing** [GKM⁺¹², GHWS22, MCN12, RDC⁺²¹, TYB18]. **Enough** [RNTW22]. **Ensemble** [LBL23]. **Ensembles** [OKA19]. **Entropy** [FK08]. **Enumerative** [SXZ^{+25b}]. **Environment** [MCL⁺¹³]. **Environmentally** [SGW20]. **Equations** [GFL⁺¹⁵]. **Era** [AGM⁺²²]. **Error** [DVK15, PD15, ZNA⁺¹⁸]. **Espresso** [SCY⁺²³]. **Estimation** [DHL⁺¹⁸, DNL19, LML⁺²³, WPSI18, WCK21, WSDH23, YCV⁺²¹, AHAM⁺¹⁹]. **ETA** [PEM⁺⁰⁹]. **Evaluating** [LAL13, PFL22, PB18, SY24, WGGR16]. **Evaluation** [BDX⁺¹⁹, KY18, Lee23, LOM10, NJLW14, PCC⁺²⁵, SKB⁺²², SMOP15, TKB⁺²⁴]. **Evaluations** [KGS⁺¹²]. **Event** [GWS23]. **Event-based** [GWS23]. **Evolution** [CBC⁺¹²]. **Evolutionary** [ZCK22]. **Evolvable** [DS15]. **Evolving** [MLPK22]. **Exact** [OROS⁺¹⁹]. **Example** [SP20]. **ExaNeSt** [PCC⁺²⁵]. **Execution** [DSK15]. **ExHiPR** [XPN⁺²⁴]. **Exotic** [FT17]. **Expanding** [HCGG24]. **Experiment** [QRDC⁺¹⁵]. **Explicitly** [NI24]. **Exploitation** [BBO⁺²⁵, INF⁺¹⁴, MAK⁺¹²]. **Exploiting** [BDGH15, CA11, EAGEG09, GER19, LCS14, LZF⁺¹⁰, MCD⁺¹⁸, PVB13, SKH⁺²², TBS⁺²⁵]. **Exploration** [BPF⁺¹⁸, CCZ⁺²⁴, EWL15, JYJC23, MZLS20, RRLW22, SCY⁺²³, UNBR14, HLL08, LKJ⁺¹¹]. **Exploring** [ACFm⁺²⁵, JTLC09, MWL⁺¹⁵, NI24, SPS12]. **Exponentiation** [dDELVP13]. **Expression** [SXZ^{+25b}]. **Expressions** [LT09]. **Extended** [DGP10, XPN⁺²⁴]. **Extending** [GdLG⁺¹⁴]. **Extensible** [WS16]. **Extension** [GB11, GFBF12, MWK⁺¹²]. **Extraction** [GNM⁺¹⁵]. **Fabric** [BHB14, SDGL⁺²², WHQ⁺⁰⁸, SPS12]. **Fabrics** [KA17]. **Factor** [LRA13]. **Factored** [KAL14]. **FADO** [DLZ⁺²⁴]. **Fantastic** [FZ25]. **Fast** [AVCP20, BAG15, BPF⁺¹⁸, BDX⁺¹⁹, CSK17, HU10, HLW⁺²¹, ILP24,

JCGW20, JM14, NW11, UNBR14, VVZL25, XPN⁺²⁴, YGH⁺¹⁸, ZCK22, ZWM19, SSF⁺¹³, SP20]. **Fault** [BKT14, JCG⁺¹², RLY⁺¹⁵, WBCW24]. **Fault-Tolerant** [BKT14, RLY⁺¹⁵]. **FAXID** [GKA⁺²⁴]. **FCCM** [Deh20, LH23]. **FCCM'16** [Bak18]. **FDRA** [QMG⁺²⁴]. **FeatherNet** [MHS⁺¹⁹]. **Features** [SM25]. **Feel** [AB20]. **FEM** [BGSL17]. **FFT** [LLL⁺²³]. **FGPU** [MHT⁺²¹]. **Fiber** [LZZ⁺²⁴]. **FiberFlex** [LZZ⁺²⁴]. **Fibonacci** [SCY⁺²³]. **Field** [AC14, BCW21, CAPA⁺⁰⁹, DPHT19, HNM⁺²², SCC10]. **Field-Programmable** [AC14, DPHT19, HNM⁺²², SCC10]. **FIFOs** [GWPK20]. **Filter** [BPCC09]. **Filtering** [LP15]. **Filters** [CNE⁺¹⁵, SWT⁺²²]. **Financial** [TB10]. **Find** [FZ25]. **Fine** [KD19, NZS⁺²³, RBR16, YHK⁺²¹, ZNA⁺¹⁸]. **Fine-Grained** [NZS⁺²³, RBR16, ZNA⁺¹⁸, KD19, YHK⁺²¹]. **FinFET** [SY24, TMLS21]. **Fingerprint** [XJD⁺¹⁶]. **Finite** [NJLW14, SLH⁺¹⁰, GDHG11]. **Finite-Difference** [NJLW14]. **FINN** [BPF⁺¹⁸]. **FINN-R** [BPF⁺¹⁸]. **FIR** [LP15]. **First** [LAA⁺¹⁷, Che22]. **Fixed** [LLL⁺²³, RGCL16, SFNP23, WL10, WMG⁺¹⁰]. **Fixed-** [WL10]. **Fixed-point** [LLL⁺²³]. **FlexCNN** [BSW⁺²³]. **flexibility** [LW08]. **Flexible** [DS15, LBRS16, LZ19, MCD⁺¹⁸, TLC⁺²⁴, US23, dBVW⁺²⁴]. **FlexSaaS** [CNZ⁺¹⁸]. **Flight** [QRDC⁺¹⁵]. **Floating** [FL16, HU10, OBD13, RC10, USY17, WL10, WS16, WWC⁺²², dDELVP13]. **Floating-Point** [FL16, HU10, OBD13, USY17, WL10, WS16, dDELVP13, WWC⁺²²]. **Floorplan** [DLZ⁺²⁴, KSCC10]. **Floorplan-Aware** [DLZ⁺²⁴]. **Floorplanning** [MSSM10]. **Flow** [BNW⁺¹⁰, BMR16, BHB14, CJWC23, GKM⁺¹², HNM⁺²², KA17, RLY⁺¹⁵, SCC10, ZG16, ZMH⁺²³]. **Fluid** [SFT⁺²³]. **FNNG** [LLZ⁺²⁴]. **Footprint** [CW09]. **Forest** [TTY25]. **Forget** [AI22]. **format** [SLL⁺²⁰]. **Formulation** [FZ25]. **FOS** [VPPK20]. **Fourier** [SP20]. **FPGA** [BYB23, AZM⁺¹⁹, AKM⁺²⁵, AHSS⁺²¹, AVCP20, APR⁺²², ABCC09, AIH⁺²⁴, AGM⁺²², AB20, BCE⁺¹⁰, BAG15, BHXJ24, BHF⁺²⁵, BSW⁺²³, BPFD11, BFBN⁺²⁰, BDGH15, BE19, BMC⁺²², BYB18, BBO⁺²⁵, BF23, CHG22, CA11, CZD⁺²⁵, Che11, CW09, CCF⁺¹⁸, CSS⁺²³, CSK17, CZ09, CLL⁺²², CAG⁺²², DFB⁺²², DW13, DVK15, DHL⁺¹⁸, DNL19, DE22, DL09, ES22, EBYB20, EAAAA19, FB24, FRS⁺¹⁵, FLM⁺¹⁷, GKA⁺²⁴, GP13, GWPK20, GFBF12, GMBC17, GSJC13, GER19, GRG08, GHWS22, GHO17, GZY⁺¹⁸, GMZ⁺²³, HBXA23, VDG⁺²⁴, HF14, HGLS11, HCOB13, HLW⁺²¹, HTG25, Ien23, IF23, IPC14, JCG⁺¹², JRHK15, JCCM09, JM14, KLD16, KLC11, KZB23, KVV24, KM10, Kap16, KBM09, KVK⁺¹¹, KMK⁺¹⁰, KY18, KAL14, KA17, KGS15, KBT09, KD10, KS20, LA17, LUX⁺²¹, LCS14, LW08, LZF⁺¹⁰, LGD⁺¹⁴, Leo22, LAL13, LLL⁺²³, LML⁺²³, LLS⁺²⁴, LZZ⁺²⁴, LXS⁺²⁴]. **FPGA** [LDJ⁺¹⁷, LFN⁺¹⁸, LLYC24, LLZ⁺²⁴, LCL⁺²⁴, LT09, LBL23, LAF24, LKJ⁺¹¹, MLPK22, MLFS22, MCD⁺¹⁸, MKP23, MAK⁺¹², MCN12, MZLS20, MPZ⁺²⁰, MHS09, NNY12, NGM⁺²³, NZI22, NI24, PWP⁺¹⁶, PDH11, PMGL22, PABI09, PMKM11, PB18, PCC⁺²⁵, PBPLA17, PCFM23, RDC⁺²¹,

RVN24, RC10, RRLW22, SUK24, SLH⁺¹⁰, SB15, SC08, SV09, Sha22, SLL⁺²⁰, SZZW23, SML⁺²⁴, SCL24, SM25, SMN⁺²³, SXZ^{+25a}, SXZ^{+25b}, TL11, TLC⁺²⁴, TWL⁺²³, Tho15, TB10, TTY25, TKB⁺²⁴, TES24, USY17, US23, UNBR14, VPPK20, VDdSN23, WTS19, WYZ16, WBCW24, WHQ⁺⁰⁸, WZL24, WWC⁺²², WZY⁺²⁴, WGGR16, WGGR17, XPN⁺²⁴, XCG⁺⁰⁹, XRC23, YXC⁺¹¹, YB18, YOY17, YGH⁺¹⁸, ZDS⁺²², ZBR12, ZZJB13, ZQ19, ZCK22, ZBC⁺⁰⁹, ZNA⁺¹⁸, ZMH⁺²³, ZVS20, ZQBL25, ZBB⁺¹⁶].

FPGA-Accelerated [GKA⁺²⁴, BE19, SM25]. **FPGA-Array** [SLH⁺¹⁰].

FPGA-Aware [LCS14]. **FPGA-Based**

[TLC⁺²⁴, UNBR14, ZZJB13, AIH⁺²⁴, CZ09, GHO17, JCG⁺¹², Kap16, KBT09, LCL⁺²⁴, LT09, NNY12, RC10, SB15, SXZ^{+25a}, USY17, WGGR16, YOY17, ZNA⁺¹⁸, ZBB⁺¹⁶, CZD⁺²⁵, GZY⁺¹⁸, KZB23, LZZ⁺²⁴, LLYC24, LBL23, MLFS22, NGM⁺²³, SUK24, SML⁺²⁴, TWL⁺²³, TTY25, TKB⁺²⁴, WTS19, WWC⁺²², YXC⁺¹¹, ZBR12, ZQ19, ZQBL25]. **FPGA-enabled** [TES24]. **FPGA-optimized** [ZCK22]. **FPGA-Orchestrated** [WZL24].

FPGA-SoCs [GHWS22]. **FPGADefender** [LMG⁺²⁰]. **FPGAs**

[AB14, AKA09, AHAM⁺¹⁹, AJYH18, ABB⁺²³, AI22, AB23, BKT14, BAMR10, BNW⁺¹⁰, BPCC09, BHB14, CMT⁺²⁴, CAPA⁺⁰⁹, CBFM14, CPW18, CCT⁺²², CXG⁺¹², CPFM21, CPN⁺⁰⁹, CFBS15, DRF24, DH08, DCS24, DLCJ20, DDH⁺¹¹, DD15, DGP⁺¹⁵, DGP10, DLZ⁺²⁴, DB15, ENPR22a, ENPR22b, FL16, FAB22, GRNW22, GTS23, GCL⁺²³, HZS⁺²⁵, HU10, HBA⁺¹⁵, HDN⁺²⁴, IAG23, JS24, KG17, KA21, KW22, KTB⁺²⁴, KGT19, KD21, LMG⁺²⁰, LLO⁺¹⁴, LMD⁺²⁵, LN23, LSP⁺²³, LLS⁺²³, LOM10, LFS22, LGW⁺¹⁴, MA24, MHK⁺⁰⁸, MKSB22, MMMT09, MPK22, MVGB15, MDL⁺²³, MSSM10, MHS⁺¹⁹, OKA19, PFL22, PANBI11, PVA⁺⁰⁹, PVB13, RVHP16, RLM⁺¹⁷, RDB⁺¹⁸, RHLK18, SY24, SGM09, SWT⁺²², SKH⁺²², SSF⁺¹³, SPS12, SB08, Ste10, SDM⁺¹⁸, SSC16, SKB⁺²², SMOP15, TMILS21, TWG⁺²⁰, TYB18, TYL⁺²³, VVZL25, VMV15, WSC09, WAT15, ZZB⁺²⁰, ZML⁺²²]. **FPL**

[BGSL17, YFW⁺¹⁷, CDM15, CS17, GKK24, KS24, LAA⁺¹⁷, MST22]. **FPT**

[KZ23, Lee23]. **FPT’12** [AC14]. **FPT’20** [SLD23]. **FPT’21** [Che22]. **FPU**

[KGC⁺²⁴]. **Framework**

[ASGY12, AHSS⁺²¹, BSW⁺²³, BPF⁺¹⁸, CCT⁺²², CNK⁺²⁴, CCZ⁺²⁴, CKG⁺¹⁰, DFB⁺²², FHL⁺²⁴, GCL⁺²³, JCG⁺¹², JRHK15, KHK24, KD21, LZ19, QMG⁺²⁴, RGGW10, SGW20, SGC21, SLH⁺²⁵, TDH⁺²², TYL⁺²³, UAS16, VTN09, WPSI18, WGGR16, ZDS⁺²², HLL08, SSF⁺¹³, SPS12]. **Free**

[AB20, GWPK20, SM25]. **Frequency** [WSDH23]. **Frequent**

[PBPLA17, ZZJB13]. **FRoC** [AZM⁺¹⁹]. **Fruit** [YSC⁺²³]. **Fruit-80**

[YSC⁺²³]. **fSEAD** [LBL23]. **FSM** [GDHG11]. **FT** [WTS19]. **Full**

[CPN⁺⁰⁹, DFB⁺²²]. **Full-stack** [DFB⁺²²]. **Full-System** [CPN⁺⁰⁹]. **Fully**

[KAL14]. **Function** [LGD⁺¹⁴, LML⁺²³, MWBL21, SFNP23, ZSP⁺²¹].

Functional [RUC11]. **Functionality** [LMD⁺²⁵]. **Functions**

[NCJ⁺¹⁵, SAD10, SB25]. **Future** [BMC⁺²², LUX⁺²¹, LCL⁺²⁴].

Galois [LYC⁺24, SCY⁺23]. **Game** [MCL⁺13]. **Gap** [MWL⁺15, TOS17]. **Gaps** [BYB18]. **Gate** [BCW21, DPHT19, HNM⁺22, SCC10]. **Gaussian** [SBC10, TL08, Tho15]. **GCN** [HLW⁺21, TWL⁺23]. **General** [AJYH18, GFBF12, ZDS⁺22]. **General-Purpose** [AJYH18, ZDS⁺22]. **Generalized** [ZWM19]. **Generated** [HLC⁺15, LP15, GRNW22]. **Generating** [BMR16, GNM⁺15, HZS⁺25]. **Generation** [BS15, LSP⁺23, LGW⁺14, MWK⁺12, PRV21, SP20, SCC10, TL08, GL08]. **Generator** [GHO17, LYC⁺24, SBC10, SSC16, Tho15, XJXQ24]. **Generators** [RVHP16]. **Generic** [KA21, KD21, SZKR22]. **Genetics** [CA23]. **Genome** [XRC23]. **Genomes** [AVCP20]. **GIB** [SZZW23]. **Global** [GFL⁺15, JSC14, KVV24]. **GPP** [TB10]. **GPU** [RNTW22, TB10]. **GPUs** [AJYH18, BNW⁺10, CFBS15]. **Gradient** [RC10]. **Grain** [IZO⁺10, YSC⁺23]. **Grained** [NZS⁺23, RBR16, VL11, XJD⁺16, ZNA⁺18, KD19, WCK21, YHK⁺21]. **Graph** [CM14, CCT⁺22, FRS⁺15, GWXW21, JS24, LLZ⁺24, MVGB15, MS25, TLC⁺24, TWL⁺23, ZG16, ZFCZ25, TLC⁺24]. **Graph-Based** [MVGB15, GWXW21]. **Graph-OPU** [TLC⁺24]. **Graphic** [BCW21]. **graphics** [BG08]. **Graphs** [DRF24, SLL⁺20]. **GraphScale** [DRF24]. **Grid** [SLL⁺20]. **Grid-format** [SLL⁺20]. **GRNG** [Tho15]. **GROK** [GNM⁺15]. **GROK-LAB** [GNM⁺15]. **GS** [TKB⁺24]. **GS/s** [TKB⁺24]. **Guest** [AN09, CDM15, DH08, GSCB15, WBAM10, SJT09].

Hadamard [Tho15]. **Handling** [SKW⁺21]. **Hard** [AB14, ZCK22]. **Hardened** [LFS22]. **Hardware** [ACFm⁺25, ADSH18, AV13, AIH⁺24, BHF⁺25, BCW21, BPFD11, BS15, CBC⁺12, CKRG⁺24, CZZ23, CBR⁺14, CZ09, DD18, DFB⁺22, DLCJ20, DS15, FHL⁺24, FZ25, GKLLA23, GPP08, HCGG24, HBXA23, HNM⁺22, HHSC10, HLC⁺15, HLN⁺10, ILP24, IBH⁺15, JSLO24, KVV24, KHK24, KBT09, LLYC24, LVC24, MOG⁺13, MCC10, NG25, PD15, PSM⁺14, PCC⁺25, RNTW22, SBC10, SKW⁺21, SP20, TL08, TOS17, WL10, YSC⁺23, YLF⁺24, YBS16, ZG16, ZHL⁺21, BG08, HH13, SC11, SMN⁺23]. **Hardware-Accelerated** [MCC10, GKLLA23]. **Hardware-Based** [HLN⁺10]. **Hardware/Software** [HHSC10, KHK24, HH13, SC11]. **Hash** [IABV15]. **Hashes** [LVC24]. **HBM** [DRF24, JS24, LXS⁺24, LLS⁺23, SKH⁺22, TYL⁺23]. **HBM-based** [LLS⁺23, TYL⁺23]. **HBM-Enabled** [JS24]. **HBM-enhanced** [LXS⁺24]. **HBM2** [BYB23]. **HBM2-enabled** [BYB23]. **HDL** [RDC⁺21]. **Healing** [BHI15]. **healthier** [ZH12]. **Heap** [BAG15]. **Heap-Based** [BAG15]. **Hessian** [CMT⁺24]. **Hessian-aware** [CMT⁺24]. **heterogeneity** [LKJ⁺11]. **Heterogeneous** [ASGY12, AHL⁺14, BPCC09, CNE⁺15, CCF⁺18, GFL⁺15, KSCC10, KP14, LLZ⁺24, OVI⁺12, RVN24, TZWZ15, TDH⁺22, UAS16, WSDH23, YB18, ZSP⁺21, ZLY⁺24, PMKM11, SPS12]. **Hiding** [MMMT09, THK12]. **Hierarchical** [CCZ⁺24]. **Hierarchies** [YFW⁺17]. **HierCGRA** [CCZ⁺24]. **High** [AIH⁺24, BHF⁺25, BGSL17, BS15, CKRG⁺24],

CZZ23, CJWC23, CH10, CSS⁺23, CKG⁺10, DHL⁺18, DLZ⁺24, EAGEG09, FYZ⁺25, FKM⁺25, GFC⁺25, GWXW21, HZS⁺25, HNM⁺22, HDMN24, HDN⁺24, HNS⁺10, HLC⁺15, IPC14, JZL⁺24, JSG⁺22, JYJC23, LN23, LXS⁺24, LLS⁺23, LYH⁺23, MH15, MCL⁺23, MPZ⁺20, NBS13, OROS⁺19, PMGL22, PBBP18, RC10, SPM⁺10, SGM09, SSK⁺23, SFNP23, SLH⁺25, SFT⁺23, SSC16, TB10, USY17, WBC16, WBR18, WWC⁺22, XPN⁺24, ZZB⁺20, ZBC⁺09, MAK⁺12, PANBI11]. **High-Accuracy** [DHL⁺18]. **High-Bandwidth** [HNM⁺22, SFT⁺23, ZZB⁺20]. **High-Efficiency** [PBBP18, HDN⁺24, LYH⁺23]. **High-Level** [CKG⁺10, DLZ⁺24, FKM⁺25, GFC⁺25, HLC⁺15, IPC14, JYJC23, LN23, NBS13, OROS⁺19, SLH⁺25, WBC16, XPN⁺24, CJWC23, CSS⁺23, GWXW21, HDMN24, SFNP23]. **High-Order** [BGSL17]. **High-Performance** [BHF⁺25, CH10, EAGEG09, HZS⁺25, HNM⁺22, HNS⁺10, JZL⁺24, JSG⁺22, LLS⁺23, MH15, PMGL22, SPM⁺10, SSC16, TB10, USY17, WBR18, LXS⁺24, MCL⁺23, MPZ⁺20, WWC⁺22, PANBI11]. **High-Speed** [BS15, ZBC⁺09]. **High-Throughput** [FYZ⁺25, SSK⁺23, MAK⁺12]. **High-Volume** [CKRG⁺24]. **Highly** [DLBM18, ES22, IGM⁺20, RDC⁺21, TLC⁺24]. **Hipernetch** [PMGL22]. **HLPerf** [ZFCZ25]. **HLS** [BBO⁺25, CCT⁺22, CLL⁺22, DRHM22, GRNW22, GCL⁺23, JCGW20, KTB⁺24, WZL24, ZFCZ25]. **HLS-based** [ZFCZ25]. **HLS-generated** [GRNW22]. **HLS-specific** [BBO⁺25]. **HMAC** [MAK⁺12]. **Holistic** [FZ25]. **Homogeneous** [LAL13]. **Hoplite** [KG17]. **HopliteBuf** [GWPK20]. **HopliteML** [MLPK22]. **HPC** [MPK22, MKP23, PCC⁺25, US23]. **HTTP** [MA24]. **HW** [MCL⁺23]. **HyBNN** [YLF⁺24]. **Hybrid** [DS15, FAB22, GHWS22, MFOM23, RGCL16, SGW20, TYL⁺23]. **Hybrid-TPM** [GHWS22]. **HyperTransport** [SGNB08].

I/O [MHS09, RGCL16]. **ICAP** [AEM⁺24]. **ICFPT** [AN09]. **iDEA** [CBFM14]. **Identification** [DVH⁺15, GHO17]. **Idle** [NCJ⁺15]. **IEEE** [KGC⁺24]. **IEEE-Compliant** [KGC⁺24]. **II** [ENPR22b, SMOP15]. **III** [SMOP15]. **ILP** [FZ25]. **Image** [BAG15, CZ09, SDM⁺18]. **Images** [TZWZ15]. **Impact** [HBA⁺15, KLD16, KW22, SY24]. **Implementation** [AV13, BAG15, BHXJ24, BHF⁺25, BCW21, DNL19, GRG08, GMZ⁺23, HBXA23, HF14, KVV24, LGD⁺14, LLL⁺23, LML⁺23, LVC24, MKP09, OBD13, RC10, SSK⁺23, SV09, SAD10, WZY⁺24, CA11, SSF⁺13]. **Implementations** [BDGH15, FLM⁺17, ILP24, MDL⁺23]. **Implemented** [PVB13]. **Implementing** [BKT14, BNW⁺10, SG15]. **Imprecise** [SBC15]. **Improve** [BYB18, LZF⁺10, SDG12]. **Improved** [GHO17, JCCM09]. **Improving** [DRHM22, LZ19, NZS⁺23, WBCW24, YKBS10]. **In-Circuit** [KS20]. **In-Depth** [CCF⁺18]. **In-memory** [LMD⁺25]. **In-Network** [NG25]. **In-the-Cloud** [BDX⁺19]. **Increasing** [SRR23]. **Incremental** [ERO25, GGR⁺18, XPN⁺24, GL08]. **Independent** [PMC⁺14]. **Index** [BAG15]. **Index-Aware** [BAG15]. **Inducing** [CAG⁺22]. **Industrial** [SML⁺24]. **Inference**

[APR²², BYB18, CJH²⁴, CZD²⁵, DWN²², EBYB20, GZY¹⁸, MCD¹⁸, NGM²³, OKA19, RHLK18, SFNP23, WML²⁴]. **Infinite** [SWT²²]. **Information** [GSJC13]. **Infrastructure** [HBA¹⁵, MKSB22, ZZB²⁰, HH13]. **Input** [CAPA⁰⁹, FK08]. **Insensitive** [GMZ²³]. **Insertion** [LOM10]. **Instance** [RLM¹⁷]. **Instance-Specific** [RLM¹⁷]. **Instruction** [GB11, GWXW21, WBR18, YGH¹⁸]. **Instruction-Set** [GB11]. **Instructions** [LCS14]. **Integer** [MLFS22]. **Integration** [GS10, JRHK15, LRA13, YBS16]. **Intellectual** [HTG25]. **Intelligent** [LZZ²⁴, MS25]. **Intensive** [BBO²⁵, ZG16]. **Inter** [MKP23]. **Inter-FPGA** [MKP23]. **Interactions** [KD19]. **Interconnect** [FK08, NZI22, RBR16, TMLS21, SPS12]. **Interconnects** [KS20]. **Interface** [GKGS23, JB15, RUC11]. **Internal** [AEM²⁴, HBA¹⁵]. **International** [AC14, DH08, VG14]. **Interrupt** [AB20]. **Intersection** [WHJ²³]. **Intra** [GNM¹⁵, HF14]. **Intra-cluster** [GNM¹⁵]. **Intra-Masking** [HF14]. **Intrinsic** [MHK⁰⁸]. **Introduction** [AC14, Bak18, Bec14, BE19, BL08, CS17, Che16, CPW18, Che11, CWBD09, DC16, Deh20, ENPR22a, ENPR22b, FB24, GC13, GKK24, Hüb12, Ien23, KZ23, KS24, Leo22, LH23, MST22, SJT09, Sha22, SML²⁴, SLD23, VG14, AN09]. **Introspection** [GGR¹⁸]. **Invariant** [PD15]. **IoT** [SML²⁴]. **IP** [IZO¹⁰]. **IPs** [EAAAA19]. **IR** [ZG16]. **Irregular** [WSDH23]. **Isolated** [MMMT09]. **Issue** [AC14, CWBD09, DC16, ENPR22a, ENPR22b, Hüb12, KZ23, KS24, SML²⁴, VG14]. **Itemset** [ZZJB13]. **Itemsets** [PBPLA17]. **Iterative** [DCS24, LZ19, BC11]. **JIT** [BPF11]. **JITPR** [SSF¹³]. **Jitter** [LSP²³]. **Jitter-based** [LSP²³]. **Join** [YOY17]. **Journal** [Che22, Lee23]. **Journal-first** [Che22]. **Junction** [TYB18]. **Junction-Based** [TYB18]. **KAPow** [DHL¹⁸]. **Karatsuba** [BHXJ24]. **Kernel** [FLM¹⁷, FL20, PWP¹⁶]. **Kernels** [JB15]. **Key** [ADSH18, GFBF12]. **KLT** [DB15]. **KNN** [LLZ²⁴]. **KNNv2** [LLS²³]. **Knowledge** [GNM¹⁵]. **Kyber** [CKRG²⁴]. **L** [LLZ²⁴]. **L-FNNG** [LLZ²⁴]. **Lab** [MCN12, GNM¹⁵]. **LambdaRank** [YXC¹¹]. **Language** [CZD²⁵, CKG¹⁰, SDM¹⁸]. **Languages** [SFT²³]. **Large** [CCZ²⁴, CZD²⁵, CSK17, DRF24, KM10, KD21, LLZ²⁴, MWL¹⁵, SWT²², SXZ^{25a}, YCV²¹]. **Large-Scale** [CSK17, LLZ²⁴, SXZ^{25a}, YCV²¹, CCZ²⁴, KD21]. **Latencies** [BAMR13]. **Latency** [GMZ²³, THK12, ZW25]. **Latency-Insensitive** [GMZ²³]. **Latest** [HDN²⁴]. **Lattice** [LYC²⁴]. **Lattice-Based** [LYC²⁴]. **Layer** [IBH¹⁵, YGH¹⁸]. **Layers** [SY24]. **Layout** [KY18, SY24]. **LDPC** [CA11]. **Leading** [HH24]. **Leakier** [GER19]. **Learnable** [SB25]. **Learned** [WAS²³]. **Learning** [AHAM¹⁹, AHSS²¹, ABB²³, BPF¹⁸, BATM22, CPW18, EBYB20, ERO25, GKLLA23, LLS²⁴, MHT²¹, MYST25, MCN12, NGM²³,

RRW⁺²², RVN24, RHLK18, TDH⁺²², XJXQ24, ZLY⁺²⁴, AGM⁺²². **Least** [FLM⁺¹⁷, FL20, PWP⁺¹⁶]. **Length** [LRA13, EA11]. **Level** [ASGY12, BBO⁺²⁵, CKG⁺¹⁰, DD18, DS15, DLZ⁺²⁴, DL09, FKM⁺²⁵, GSJC13, GFC⁺²⁵, HLC⁺¹⁵, IPC14, JYJC23, LN23, NBS13, NZI22, OROS⁺¹⁹, PVB13, QMG⁺²⁴, SLH⁺²⁵, TTY25, WBC16, XPN⁺²⁴, ZW25, CA11, CJWC23, CSS⁺²³, GWXW21, HDMN24, KGT19, SFNP23]. **Leveraging** [ERO25, SC11]. **libraries** [KVK⁺¹¹]. **Library** [FL16, HZS⁺²⁵, LBL23, WL10, HCGG24]. **Licensing** [EAAAAA19]. **Lightening** [DLBM18]. **LightNNs** [DLBM18]. **Lightweight** [BHXJ24, IF23, RD11, TWL⁺²³]. **like** [AB23]. **Line** [IABV15]. **Line-Rate** [IABV15]. **Linear** [FC24, HZS⁺²⁵, SB25, WGGR17, ZBR12]. **Linux** [MSF16, MKSB22]. **Linux-based** [MKSB22]. **Listen** [DSW⁺²⁴]. **Listing** [NI24]. **Lists** [WAT15]. **Lithographic** [CZ09]. **LLVM** [BBO⁺²⁵]. **Load** [DLBM18, THK12, RD11]. **load-time** [RD11]. **Local** [JSC14, MYST25]. **Locality** [TTY25]. **Logarithm** [GPP08]. **Logarithmic** [BPFD11]. **Logarithmic-Time** [BPFD11]. **Logic** [AZM⁺¹⁹, DGP10, EBYB20, IZO⁺¹⁰, MHS09, PABI09, SFNP23, TMLS21, WAS⁺²³, WBC16, KD19, MBJJ11, PMKM11]. **Long** [GER19, UHU09]. **Loop** [DCS24, DRHM22, DSB09, DPHT19, FZ23, SLH⁺²⁵]. **Loops** [PMC⁺¹⁴, PFC15]. **Low** [CJH⁺²⁴, DHL⁺¹⁸, DS15, DPHT19, FRS⁺¹⁵, HBA⁺¹⁵, KBM09, KCC⁺¹⁴, KGS15, NZS⁺²³, VVZL25, VDdSN23, WWC⁺²², ZBC⁺⁰⁹, ZH12]. **Low-Complexity** [FRS⁺¹⁵]. **Low-Cost** [DPHT19, VVZL25, ZH12]. **Low-Level** [DS15]. **Low-Overhead** [DHL⁺¹⁸, KGS15, NZS⁺²³]. **Low-Power** [KBM09, KCC⁺¹⁴, ZBC⁺⁰⁹, CJH⁺²⁴]. **Low-precision** [WWC⁺²²]. **Low-Speed** [HBA⁺¹⁵]. **LSTM** [IF23, RNTW22]. **LUT** [FK08, HF14, JCCM09, LZ19, NZI22, WAS⁺²³]. **LUT-Based** [LZ19, WAS⁺²³]. **LUT-Level** [NZI22]. **LW** [TWL⁺²³]. **LW-GCN** [TWL⁺²³]. **LWE** [BHXJ24, BHF⁺²⁵, HBXA23].

Machine [AHAM⁺¹⁹, ERO25, KAL14, RRW⁺²², TDH⁺²², GDHG11]. **Magnetic** [TYB18]. **Major** [FL16]. **Malicious** [AEM⁺²⁴, LMG⁺²⁰]. **Management** [BBND10, GRNW22, KP14, LP15, HZW⁺¹³]. **Manager** [BF23, OWMZ11]. **Many** [BYB23]. **Many-core** [BYB23]. **Mapping** [BBND10, CTH16, CNE⁺¹⁵, CM14, CBR⁺¹⁴, JSC14, JCCM09, LZ19, MCL⁺¹³, MS25, SFNP23, KVK⁺¹¹]. **Mapping-Scheduling** [CBR⁺¹⁴]. **MARTE** [GdLIG⁺¹⁴]. **Masking** [HF14]. **Massive** [RNTW22]. **Massively** [JB15]. **Matching** [KVV24, SCL24, SXZ^{+25b}, TKB⁺²⁴, XJD⁺¹⁶]. **Matchings** [BFBN⁺²⁰]. **Mathematical** [SUK24]. **Matrices** [RC10]. **Matrix** [DDB⁺¹⁰, LCL⁺²⁴, UCR⁺¹⁹, BC11]. **Matrix-Vector** [DDB⁺¹⁰, BC11]. **Maximizing** [DSW⁺²⁴]. **Maximum** [BFBN⁺²⁰, GWXW21, RLY⁺¹⁵]. **Mean** [FLM⁺¹⁷, FL20]. **Means** [TK16]. **Measure** [BYB18]. **Measurement** [WSC09]. **Mechanism** [SLH⁺¹⁰, SMOP15]. **Mechanisms** [SLL⁺²⁰]. **Median** [SWT⁺²²]. **MEG**

[ZZB⁺20]. **Memories** [AL16, BDGH15, DD15, IAG23, LLO⁺14]. **Memory** [ABB⁺23, AI22, BAMR10, BAMR13, CW09, HF14, HNM⁺22, JB15, KLD16, LYZ⁺18, LFS22, MSF16, PFC15, RGCL16, SDGL⁺22, SFT⁺23, THK12, TTY25, WBR16, YFW⁺17, ZZB⁺20, ASPP22, BC11, IAG23, LJS11, LMD⁺25, LLS⁺24]. **Memory-Enabled** [HNM⁺22]. **Memristor** [dMdLC23]. **Mercury** [JLB⁺08]. **Merged** [GRG08]. **Merging** [JCCM09, KD10, LCS14, TWG⁺20]. **Mesh** [WZY⁺24]. **Meshes** [BGSL17]. **Message** [Che19]. **Metal** [SY24]. **Method** [LLL⁺23, NJLW14]. **Methodology** [DGP⁺15, LBRS16]. **Methods** [AHAM⁺19, KSCL10, SLH⁺10, BC11]. **Metrics** [RGCL16]. **MHz** [WBR16]. **Microarchitectural** [LA17]. **Microarchitecture** [WBR16]. **Microarchitectures** [CCF⁺18]. **Microbenchmarking** [LFS22]. **MicroBlaze** [MSF16]. **Microcoded** [GRG08, PWP⁺16]. **Microkernel** [IBH⁺15]. **Microscopy** [TZWZ15]. **Middleware** [KGS15]. **Minifloat** [ZQBL25]. **Minimization** [ZW25]. **Minimum** [KY18]. **Minimum-Width** [KY18]. **Mining** [PBPLA17, ZZJB13]. **Minor** [CM14]. **Miss** [AI22]. **Miss-Optimized** [AI22]. **Mitigating** [KGT19]. **Mixed** [AB14, WSZ⁺25, YHK⁺21]. **Mixed-Precision** [WSZ⁺25]. **mobile** [NSS⁺11]. **MOdel** [KGS⁺12, AHL⁺14, CZD⁺25, CPFM21, DLCJ20, FZ25, FL20, LAL13, MOG⁺13, MVGB15, SPM⁺10, WZY⁺24, YBS16, AGY⁺11, DW13, HGLS11, PDH11]. **MOdel-Based** [KGS⁺12, FZ25, DLCJ20]. **Modeling** [CCZ⁺24, ERO25, GdLlG⁺14, MZLS20, PVA⁺09, SC08, SLH⁺25]. **Modelling** [HCGG24, MPZ⁺20, YB18]. **Models** [DLZ⁺24, FHL⁺24, JTLC09, KY18, RVN24]. **Modern** [AHAM⁺19, CCF⁺18, GCL⁺23, KTB⁺24, LFS22, LAF24, ZMH⁺23]. **MODES** [KGS⁺12]. **Modifications** [SDG12]. **Modular** [AL16, GKGS23, IPC14, NBS13, OWMZ11, VPPK20]. **Module** [DHL⁺18, KD10, SGM09, TWG⁺20, ZNA⁺18]. **Module-Based** [KD10, ZNA⁺18]. **Modules** [ZMH⁺23]. **Modulo** [BAMR10, OROS⁺19]. **Molecular** [CH10]. **Monitoring** [BCE⁺10, GGR⁺18]. **Monte** [TB10]. **Montgomery** [NEPV24]. **Motion** [MFOM23]. **MPI** [MKP23, SPM⁺10]. **MPSoC** [BHI15, PSM⁺14]. **MPSoCs** [DSK15, KP14, OVI⁺12]. **MRAM** [ZBC⁺09]. **Multi** [BYB23, AKM⁺25, CAPA⁺09, DLZ⁺24, ES22, GWS23, GMBC17, GFC⁺25, HGLS11, JSC14, KTB⁺24, KGT19, LLO⁺14, LN23, LYZ⁺18, LYH⁺23, MKSB22, PCC⁺25, QMG⁺24, QNF⁺23, RDC⁺21, WMG⁺10, ZW25, MKP23]. **Multi-Agent** [GMBC17]. **Multi-Application** [JSC14]. **Multi-bit** [LYH⁺23]. **Multi-Chip** [ZW25]. **Multi-Core** [WMG⁺10, QNF⁺23]. **Multi-Die** [BYB23, DLZ⁺24, KTB⁺24, ZW25]. **Multi-FPGA** [ES22, HGLS11, PCC⁺25, RDC⁺21, MKP23]. **Multi-Input** [CAPA⁺09]. **Multi-Level** [QMG⁺24]. **Multi-Object** [GWS23]. **Multi-Pattern** [LYZ⁺18]. **Multi-Ported** [LLO⁺14]. **Multi-Technique** [LN23]. **Multi-Tenant** [AKM⁺25, KGT19, MKSB22]. **Multi-Threaded** [GFC⁺25, QNF⁺23]. **Multicontext** [VL11]. **Multicore** [MSF16, SDG12].

Multicores [AHL¹⁴, CFBS15]. **Multidimensional** [SB15]. **MultiFactor** [KLC11]. **Multigigabit** [PP10]. **multilevel** [AGY¹¹, HGLS11]. **multilevel-PGAS** [AGY¹¹]. **Multimedia** [DSK15]. **Multiple** [DCS24, MHK⁰⁸, RVN24, SY24, SKW²¹]. **Multiple-Metal** [SY24]. **Multiplication** [DDB¹⁰, FAB22, LCL²⁴, NEPV24, UCR¹⁹, BC11]. **Multiplier** [HCOB13, VVZL25]. **Multipliers** [HU10]. **Multiported** [AL16]. **Multiprocessor** [CPN⁰⁹]. **Multiprocessors** [PPR¹⁰]. **Multivariate** [SBC10, TL08]. **mutate** [GL08]. **MXP** [LA17].

NAPOLY [KB23]. **NASCENT2** [SZKR22]. **Native** [TBS²⁵, DFB²²]. **NC** [HCGG24]. **NC-Library** [HCGG24]. **NCBI** [MH15]. **NDP** [TBS²⁵]. **Near** [ASPP22, DD15, IAG23, SZKR22, SDGL²², ZZB²⁰]. **Near-Associative** [DD15]. **Near-data** [ZZB²⁰]. **Near-Memory** [SDGL²², ASPP22, IAG23]. **Near-Storage** [SZKR22]. **Nearest** [LLS²³]. **Neighbors** [LLS²³]. **Nested** [HCGG24]. **Net** [EA11, LRA13]. **Net-Length** [LRA13]. **Net-length-based** [EA11]. **Netlist** [HTG25]. **Network** [BYB18, CTH16, CJH²⁴, GWPK20, GMBC17, GZY¹⁸, JSC14, KAL14, LLYC24, MHS¹⁹, NG25, PMGL22, RNTW22, SFNP23, TWL²³, US23, ZSP²¹, ZQBL25]. **Network-on-Chip** [CTH16, JSC14]. **Networks** [AB14, BPF¹⁸, CSK17, DWN²², KD10, LDJ¹⁷, LL12, MKP23, MVGB15, MYST25, PFL22, PVA⁰⁹, PBBP18, QNF²³, RKV23, SP20, SB25, TLC²⁴, TKH¹⁹, VDdSN23, WAS²³, YLF²⁴, ZDS²², ZFCZ25, CMT²⁴, HZW¹³, LW08]. **Networks-on-Chip** [AB14, CSK17]. **NEURAghe** [MCD¹⁸]. **Neural** [BPF¹⁸, BYB18, CJH²⁴, DWN²², GZY¹⁸, KAL14, LDJ¹⁷, LLYC24, MHS¹⁹, PFL22, PBBP18, QNF²³, RKV23, RNTW22, SFNP23, SB25, TLC²⁴, TKH¹⁹, VDdSN23, WAS²³, YLF²⁴, ZDS²², ZFCZ25, CMT²⁴]. **NeuroHSMD** [MFOM23]. **Neuromorphic** [MFOM23]. **Next** [LGW¹⁴]. **Nine** [NW11]. **Nine-Context** [NW11]. **Ninth** [VDG²⁴]. **nm** [TMLS21]. **NN** [FC24]. **NoC** [KG17, KP14]. **NoC-Based** [KP14]. **NoCs** [GWPK20, MLPK22]. **Non** [CAG²², FC24, KB23, SB25]. **Non-deterministic** [KB23]. **Non-Linear** [FC24, SB25]. **Non-uniform** [CAG²²]. **Normalised** [FLM¹⁷, FL20]. **Note** [Che22]. **Novel** [AHAM¹⁹, CCZ²⁴, DNL19, EWL15, IGM²⁰, RNTW22, VL11, SPS12]. **Novelty** [FYZ²⁵]. **NPN** [ZWM19]. **Number** [VDG²⁴, LSP²³, PRV21, RVHP16, SBC10, TL08, Tho15]. **Numerical** [SLH¹⁰, USY17]. **NVMe** [WZL24]. **NX** [LNGP22].

O [MHS09, RGCL16]. **Object** [AIH²⁴, GWS23]. **Octavo** [LA17]. **ODoST** [YBS16]. **OFDM** [BATM22, SAD10]. **off** [LW08]. **Offs** [SAD10]. **On-Chip** [LL12, GNM¹⁵]. **On-cloud** [EAAAA19]. **Online** [DHL¹⁸, GGR¹⁸]. **Only** [BDX¹⁹]. **onto** [SFNP23, SSF¹³]. **Open** [FL16, KHK24, TDH²², ZML²², SGNB08]. **Open-Source** [FL16, KHK24, ZML²², SGNB08]. **OpenCL** [MZLS20, TK16, WTS19].

OpenCL-Based [MZLS20]. **OpenGL** [BCW21]. **Operate** [US23]. **Operating** [AHL⁺14, IBH⁺15, VPPK20]. **Operation** [NBS13]. **Operations** [CKRG⁺24, PSM⁺14]. **Operators** [OBD13, SUK24]. **Opportunities** [CLL⁺22, DVH⁺15, LCL⁺24]. **Optical** [BNW⁺10, NW11]. **Optimal** [DSB09]. **Optimization** [BPCC09, CXG⁺12, DSK15, DDH⁺11, DLZ⁺24, FKM⁺25, KSCC10, LZ19, LP15, LT09, WYZ16, YB18, GCL⁺23, MBJJ11, SMN⁺23]. **Optimizations** [HLC⁺15, IAG23, YSC⁺23]. **Optimized** [AI22, CNK⁺24, FZ23, GS10, LDJ⁺17, NEPV24, RDC⁺21, SBC10, SZZW23, SXZ⁺25a, TYL⁺23, VDdSN23, YFW⁺17, ZCK22]. **Optimizing** [BAMR13, BC11, Kap16, LFN⁺18, MZLS20, UCR⁺19, WGGR16, WGGR17, YLF⁺24]. **Option** [JTL09]. **Options** [FT17]. **OPU** [TLC⁺24]. **Orchestrated** [WZL24]. **Order** [BGSL17, WBR16, WBR18]. **Oriented** [JSLO24, TL11, VL11, WHQ⁺08]. **Oscillator** [LYH⁺23, YKBS10, LMG⁺20, ZH12]. **Oscillators** [PRV21]. **Out-of-Order** [WBR16, WBR18]. **Over-Clocking** [DB15]. **Overclocking** [SBC15]. **Overhead** [DHL⁺18, KGS15, NZS⁺23]. **Overlay** [BYB23, IF23, TLC⁺24, KB23]. **Overlays** [JCGW20, LA17]. **own** [RD11].

Packet [MS23]. **Packing** [AKA09]. **Papers** [Lee23, LAA⁺17]. **Parallel** [AV13, BAG15, ES22, GFC⁺25, GMZ⁺23, IGM⁺20, JB15, KTB⁺24, MWBL21, SB15, SDM⁺18, SSC16, TZWZ15, YOY17, GCL⁺23]. **Parallelising** [CJWC23]. **Parallelism** [BBO⁺25, GWXW21, INF⁺14, KLD16, PVB13, QMG⁺24, RNTW22, TYL⁺23, CA11]. **Parallelization** [DRHM22, ZVS20]. **Parallelized** [LZ19]. **Parallelizing** [WAT15]. **parameters** [DW13]. **Parametric** [SC08]. **Parser** [LBRS16]. **Parser-Based** [LBRS16]. **Part** [ENPR22b]. **Partial** [BF23, EAGEG09, GFBF12, GGR⁺18, GMZ⁺23, RDB⁺18, TWG⁺20, XPN⁺24, ZMH⁺23, PDH11]. **Partial-Reconfiguration** [GGR⁺18]. **Partially** [HHSC10, KMK⁺10, HH13]. **Particle** [BG08, CNE⁺15]. **Partition** [BS15]. **Partitioned** [SCL24]. **Partitioning** [APR⁺22, LYZ⁺18, TL11, TWG⁺20, ZW25]. **Passes** [BBO⁺25]. **PASTA** [KTB⁺24]. **Path** [SLH⁺25]. **Pattern** [LYZ⁺18, YHK⁺21]. **Patterns** [NI24]. **Pay** [EAAAAA19]. **Pay-per-use** [EAAAAA19]. **Pedestrian** [LZZ⁺24]. **Pentium(R)** [LYS⁺08]. **Per-Module** [DHL⁺18]. **Perfecto** [HLL08]. **Performance** [APR⁺22, BHF⁺25, CH10, CKG⁺10, EAGEG09, HZS⁺25, HNM⁺22, HNG09, HNS⁺10, JZL⁺24, JSG⁺22, LLS⁺23, LP15, MH15, MZLS20, PDH11, PMGL22, RKV23, SPM⁺10, SDG12, SSC16, TL11, Tak17, TB10, TOS17, USY17, UNBR14, WPSI18, WBR18, WGGR17, YCV⁺21, ZFCZ25, BC11, GP13, HGLS11, LXS⁺24, MCL⁺23, MPZ⁺20, PANBI11, WWC⁺22]. **Performance-Oriented** [TL11]. **Perl** [LT09]. **Persistent** [MHT⁺21]. **Perturb** [GL08]. **PEs** [GRG08]. **PGAS** [AGY⁺11]. **Phylogenetics** [CA23]. **Phylogeny** [ASPP22]. **Physical** [GCL⁺23, INF⁺14, JSLO24, MVGB15, SMOP15]. **PIMap** [LZ19]. **Pinch**

[DGP10]. **PipeArch** [KA21]. **Pipeline** [SLH⁺25]. **Pipelined** [KAL14, SV09, YOY17]. **Pipelining** [FZ23]. **pixel** [Oli12]. **Placement** [AHSS⁺21, FRS⁺15, GSJC13, HHSC10, JSG⁺22, MVGB15, MSSM10, NZI22, Ste10, ZCK22, GL08]. **Platform** [BDX⁺19, DSW⁺24, JZL⁺24, KSG11, KD19, LLZ⁺24, NNY12, TJCP25, ZSP⁺21]. **Platform-aware** [KSG11].
Platforms
[CCF⁺18, CBR⁺14, GFL⁺15, GKM⁺12, LAF24, RMSK16, SAD10, YCV⁺21].
Point [FL16, HU10, KD10, OBD13, RC10, SM25, USY17, WL10, WS16, dDELVP13, LLL⁺23, WWC⁺22]. **Point-to-Point** [KD10]. **PointNet** [SM25]. **Polar** [DLCJ20]. **Policy** [SDG12]. **Population** [CA23]. **Port** [AEM⁺24, PVA⁺09]. **Portability** [KGS15]. **Portable** [WS16, ZBR12].
Ported [LLO⁺14]. **Positive** [AVCP20]. **Post**
[HBXA23, MCL⁺23, WBCW24]. **Post-quantum** [HBXA23, MCL⁺23].
Post-Radiation [WBCW24]. **Potential**
[ACFm⁺25, AEM⁺24, CZD⁺25, MS25]. **POWer**
[KGS⁺12, CXG⁺12, DHL⁺18, KBM09, KCC⁺14, KP14, LAL13, MMMT09, MDL⁺23, NZS⁺23, SLH⁺10, TJCP25, UNBR14, WGGR17, ZBC⁺09, CJH⁺24, EA11, LW08, KGS⁺12]. **power-aware** [EA11]. **Power-Efficient** [SLH⁺10]. **POWer-EmulatoR-** [KGS⁺12]. **POWER-MODES** [KGS⁺12].
Powered [JZL⁺24]. **PQA** [ACFm⁺25]. **PQC** [BHXJ24, BHF⁺25].
Practical [CPFM21, OROS⁺19]. **Precision**
[FL16, KGC⁺24, LGD⁺14, WL10, WSZ⁺25, YHK⁺21, Oli12, WWC⁺22].
Predict [AHSS⁺21]. **Predicting** [MOG⁺13]. **Prediction**
[HNG09, KZB23, SDGL⁺22, ZQBL25, AHAM⁺19, HGLS11]. **Preemption**
[RDB⁺18]. **Preserving** [PVA⁺09, RHLK18]. **Pricing**
[FT17, JTLC09, KLC11]. **Primitives** [HLN⁺10]. **Priority**
[BAG15, KVK⁺11]. **PRISA** [MS25]. **Privacy** [AKM⁺25, RHLK18].
Privacy-Preserving [RHLK18]. **Private** [WHJ⁺23]. **Probabilistic**
[CSS⁺23]. **Problem** [GB11, GPP08]. **Problems** [KM10]. **Process**
[DB15, RDB⁺18, SB08, SRR23, TMLS21, LKJ⁺11, SC11]. **Processing**
[ASPP22, BCW21, BDX⁺19, BHB14, CCT⁺22, CNK⁺24, CA23, DRF24, IABV15, Kap16, KA21, LP15, LAF24, MVGB15, SLL⁺20, SKH⁺22, SDM⁺18, SSC16, WAT15, YEC⁺09, ZZB⁺20, ZBB⁺16]. **Processor**
[CBFM14, KB23, KCC⁺14, KD19, LA17, MWK⁺12, PWP⁺16, Tak17, TLC⁺24, WBR16, YEC⁺09, Tak12]. **Processor-logic** [KD19]. **Processors**
[FLM⁺17, GFBF12, KGC⁺24, SFNP23, VTN09, WPSI18, WBR18, IYY⁺11, LJS11, MLFS22]. **Product** [ACFm⁺25, VDdSN23]. **Production** [UHU09].
Productively [HZS⁺25]. **Productivity** [KGS15]. **Profiling** [EWL15].
Profiling-Based [EWL15]. **Program** [PD15]. **Program-Invariant** [PD15].
ProgramGalois [LYC⁺24]. **Programmability** [GKM⁺12]. **Programmable**
[AC14, BCW21, CAPA⁺09, DPHT19, GS10, HH24, HNM⁺22, LYC⁺24, OWMZ11, SCC10, WSZ⁺25, dBVW⁺24]. **Programmers** [LFS22].
Programming [GCL⁺23, KTB⁺24, LUX⁺21, MWK⁺12, SUK24, SPM⁺10, WGGR17, AGY⁺11]. **Programs** [KTB⁺24]. **Property** [HTG25]. **Prospects**

[LUX⁺21]. **Protected** [BDGH15, SG15]. **Protection** [EAAAA19]. **Protein** [JLB⁺08]. **Protocol** [ADSH18, SSK⁺23]. **ProtoFlex** [CPN⁺09]. **Prototype** [PCC⁺25]. **Provably** [GWPK20]. **Pruning** [LLYC24]. **PTME** [SXZ⁺25b]. **PUF** [GHO17, SKB⁺22]. **PUFs** [MKP09]. **Pulsar** [WTS19]. **Pulses** [PEM⁺09]. **Purpose** [AJYH18, GFBF12, GPP08, LGD⁺14, ZDS⁺22]. **Purposes** [BHI15]. **Puzzle** [GPL24].

QiCells [GKGS23]. **Quantifying** [YLF⁺24]. **Quantization** [ACFm⁺25, YHK⁺21]. **Quantized** [BPF⁺18, CMT⁺24]. **Quantum** [GKGS23, HBXA23, MCL⁺23]. **Quasi** [TB10]. **Quasi-Monte** [TB10]. **Query** [LAF24, ZBB⁺16]. **Queue** [BAG15]. **Quick** [MLFS22]. **Quick-Div** [MLFS22]. **Quipu** [MOG⁺13].

R [BPF⁺18, PP10, dBVW⁺24]. **R-Blocks** [dBVW⁺24]. **R3TOS** [IBH⁺15]. **Rack** [PCC⁺25]. **Radiation** [KW22, WBCW24]. **Radiations** [SGM09]. **Radio** [PEM⁺09]. **Radix** [LYC⁺24]. **Radix-4** [LYC⁺24]. **Rail** [HF14]. **RAiSD** [AVCP20]. **RAiSD-X** [AVCP20]. **RAMs** [TYB18]. **Random** [LSP⁺23, LOM10, PRV21, RVHP16, SBC10, TL08, Tho15]. **Randomized** [DL09]. **Range** [MS23]. **Range-enhanced** [MS23]. **RankBoost** [XCG⁺09]. **Ranking** [KY18]. **Ransomware** [GKA⁺24]. **Rapid** [HNG09, RGGW10, WPSI18, WCK21]. **RapidLayout** [ZCK22]. **RapidStream** [GMZ⁺23]. **RAT** [HNG09]. **Rate** [IABV15]. **RAW** [GC13, RVHP16]. **RC** [HNG09]. **RD** [GKA⁺24]. **RD-FAXID** [GKA⁺24]. **Reactor** [JSLO24]. **Reactor-Oriented** [JSLO24]. **Real** [ABCC09, BATM22, BHB14, CNK⁺24, CJH⁺24, GKLLA23, GWS23, GNM⁺15, HHSC10, INF⁺14, IBH⁺15, LLL⁺23, LZZ⁺24, RDB⁺18, RMSK16, RHLK18, SLL⁺20, TKB⁺24]. **Real-Time** [ABCC09, BATM22, BHB14, CNK⁺24, HHSC10, INF⁺14, IBH⁺15, RDB⁺18, RMSK16, RHLK18, CJH⁺24, GKLLA23, GWS23, LLL⁺23, LZZ⁺24, TKB⁺24]. **Real-world** [SLL⁺20]. **Realizable** [RGCL16]. **Realizable-Utilization** [RGCL16]. **Receiver** [BATM22]. **Recipes** [DGP10]. **Recoding** [ZCL15]. **Recognition** [DDH⁺11, LZZ⁺24]. **reconfigurability** [SC11]. **Reconfigurable** [ASGY12, ADSH18, AV13, ATJZ16, BBND10, Bec14, BHI15, BDX⁺19, BHB14, CBC⁺12, CNZ⁺18, CZZ23, CTH16, CNE⁺15, CH10, CBR⁺14, CKG⁺10, DC16, DGP⁺15, DSB09, DDB⁺10, EAGEG09, ERO25, FT17, FHL⁺24, FKS⁺12, GFL⁺15, GKM⁺12, GWS23, GC13, GdLlG⁺14, HCOB13, HHSC10, HNS⁺10, HLN⁺10, IZO⁺10, IGM⁺20, IBH⁺15, JCG⁺12, JTLC09, KMK⁺10, KCC⁺14, LP22, LYS⁺08, MS23, MH15, MKP09, MWK⁺12, MSSM10, NNY12, NBS13, NJLW14, Oli12, PP10, PD15, PFC15, QMG⁺24, QNF⁺23, RGGW10, RGCL16, RMSK16, RUC11, SGW20, SGC21, SPM⁺10, SJT09, SAD10, SDGL⁺22, TL11, TWG⁺20, THK12, TL08, UAS16, UCR⁺19, UHU09, VL11, VTN09, VG14, WL10, WCK21, WMG⁺10, YCV⁺21, ZBB⁺16, dDELVP13, AGY⁺11, BG08, GDHG11, HLL08, HH13, IYY⁺11, KSG11, ZH12, HCGG24].

Reconfiguration

[BDX⁺19, BF23, DS15, EAGEG09, GFBF12, GGR⁺18, GMZ⁺23, HNS⁺10, JSC14, KD10, KS20, LCS14, LZF⁺10, NW11, NCJ⁺15, PPR⁺10, RLY⁺15, RDB⁺18, VVZL25, VMV15, XPN⁺24, ZBC⁺09, ZMH⁺23, NSS⁺11, PDH11].

ReconROS [LP22]. **Reconstruction** [ASPP22, TZWZ15]. **ReCoSoC** [Hüb12]. **ReCoSoC'12** [VG14]. **Recovery** [DSW⁺24, ZNA⁺18].

Rectangular [SWT⁺22]. **Recurrent** [CJH⁺24, QNF⁺23]. **Recursive** [PWP⁺16]. **ReDCrypt** [RHLK18]. **Reduce** [PSM⁺14]. **Reducing** [BAMR10, TOS17]. **Reduction** [CW09, SLH⁺10]. **References** [BAMR13].

Region [MS25]. **Region-based** [MS25]. **Registration** [SM25]. **Regular** [LT09, SXZ⁺25b, YHK⁺21]. **Regulator** [AV13]. **Regulators** [MLPK22].

Related [OBD13]. **relating** [DW13]. **Reliability** [DSK15, GHO17].

Reliable [IBH⁺15, JCG⁺12]. **Relocatable** [HHSC10]. **Remarn** [QNF⁺23].

Remote [BCE⁺10, MDL⁺23, MCN12, SSK⁺23, VMV15]. **Repair** [GGR⁺18].

Replacing [HBA⁺15]. **Reprogrammable** [FC24]. **Request** [AI22].

ReRAM [FC24]. **ReShape** [NBS13]. **Reshaping** [BHI15]. **Resilience** [SGW20]. **Resilient** [INF⁺14, SGC21]. **Resistant** [HF14]. **Resolution** [ABCC09, CZZ23, SGM09]. **Resource** [CCT⁺22, JMGI23, MHS⁺19, SSK⁺23, SMN⁺23, WML⁺24, HZW⁺13].

Resource-constrained [MHS⁺19, SMN⁺23]. **Resource-Efficient** [CCT⁺22, SSK⁺23, WML⁺24]. **Resources** [MOG⁺13]. **Restricted** [KAL14].

resynthesis [MBJJ11]. **Retargetable** [UAS16]. **Rethinking** [MLFS22, RRW⁺22]. **Reusable** [JRHK15]. **Reuse** [LYZ⁺18, dMdLC23].

Review [ILP24]. **RF** [GKLLA23]. **RFSoC** [GKGS23]. **RFSoC-based** [GKGS23]. **RIFFA** [JRHK15]. **Ring** [BHXJ24, BHF⁺25, HBXA23, PRV21, YKBS10, LYH⁺23, ZH12].

Ring-Binary-LWE-Based [BHXJ24, BHF⁺25, HBXA23]. **RIPL** [SDM⁺18]. **RISCV** [ZZB⁺20]. **RISCV-based** [ZZB⁺20]. **RIVER** [BHB14].

RNA [MCC10]. **Road** [UHU09]. **Robotics** [LP22, NSS⁺11]. **Robust** [ABCC09, GKLLA23]. **Robustness** [LZF⁺10, SRR23, YKBS10]. **RoCEv2** [SSK⁺23]. **Rotation** [ZCL15]. **Routability** [AHAM⁺19, AHSS⁺21, JCCM09, LRA13, PB18, DW13, EA11].

Routability-Driven [LRA13, EA11]. **Routability-prediction** [AHAM⁺19].

Routed [KG17]. **Router** [LL12, ZML⁺22]. **Routers** [MLPK22, GP13].

Routing [CW09, FRS⁺15, IZO⁺10, KA17, SZZW23, SB08, WYZ16, ZVS20, GL08, LKJ⁺11, RD11]. **RTL** [DVH⁺15]. **RTR** [ZBC⁺09]. **Run** [DNL19].

Run-Time [DNL19]. **Runtime** [BF23, EAGEG09, FRS⁺15, LCS14, NCJ⁺15, PPR⁺10, ZBC⁺09]. **RWRoute** [ZML⁺22].

s [TKB⁺24]. **Safe** [AB20, BHI15]. **Sampling** [PRV21]. **Samsung** [KCC⁺14].

SARFUM [BCE⁺10]. **SASA** [TYL⁺23]. **SAT** [KM10]. **Satisfiability** [FZ23]. **Satisfiability-based** [FZ23]. **SATTA** [DGP⁺15]. **SCA** [HF14].

SCA-Resistant [HF14]. **Scala** [SP20]. **ScalaBFS2** [LXS⁺24]. **Scalability**

[RDC⁺21, Tak17]. **Scalable** [BYB23, ASPP22, CPN⁺09, DRF24, GCL⁺23, ILP24, JYJC23, KTB⁺24, LML⁺23, MBJJ11, MYST25, NEPV24, OWMZ11, RKV23, SLH⁺10, TYL⁺23, ZSP⁺21, ZBR12]. **Scalar** [TOS17]. **Scale** [CSK17, LLZ⁺24, SXZ⁺25a, YCV⁺21, CCZ⁺24, KD21]. **Scaling** [AZM⁺19, APR⁺22, DCS24, MPK22, MKP23, NNY12, LKJ⁺11]. **Scanning** [LMG⁺20]. **Scavenger** [YFW⁺17]. **SCF** [ASGY12]. **Scheduling** [BAMR10, CBR⁺14, HHSC10, HNS⁺10, OROS⁺19, TWG⁺20, WBR18, CJWC23]. **Scheme** [EAAAA19, ZHL⁺21]. **Schemes** [OBD13, SV09]. **Science** [UHU09]. **Scientific** [RUC11, SKJ22]. **Score** [MYST25]. **SDK** [TK16]. **SDM** [LL12]. **Search** [CNZ⁺18, MS25, WTS19, XCG⁺09, YXC⁺11]. **Searching** [PEM⁺09]. **Secondary** [MCC10]. **Secondary-Structure** [MCC10]. **Secret** [WZY⁺24]. **Section** [Bak18, Bec14, BE19, CS17, CPW18, Deh20, FB24, GKK24, Ien23, Leo22, LH23, MST22, Sha22, SLD23, Che11, GC13]. **Secure** [GFBF12, KGT19, MKP09, VMV15]. **Security** [AKM⁺25, BCE⁺10, BE19, GHWS22, HLN⁺10, KGS⁺12, SJT09, SMOP15]. **Segmentation** [LFN⁺18, SGC21]. **Selection** [AVCP20, CNZ⁺18, ZMH⁺23]. **Self** [AHL⁺14, AV13, Bec14, BKT14, BHI15, GGR⁺18, HCOB13, LMG⁺20, LZF⁺10, NJLW14, OBD13, PMC⁺14, WSC09, DGP⁺15]. **Self-Adaption** [BHI15]. **Self-Adaptive** [PMC⁺14, DGP⁺15]. **Self-Alignment** [OBD13]. **Self-Aware** [BKT14, NJLW14]. **Self-Awareness** [AHL⁺14, Bec14]. **Self-Healing** [BHI15]. **Self-Measurement** [WSC09]. **Self-Monitoring** [GGR⁺18]. **Self-oscillator** [LMG⁺20]. **Self-Reconfigurable** [HCOB13]. **Self-Reconfiguration** [LZF⁺10]. **Self-Tuning** [AV13]. **Semantic** [SGC21]. **Semi** [KVV24]. **Semi-Global** [KVV24]. **Semisynthetic** [GL08]. **Senju** [DCS24]. **sensing** [ZH12]. **Sensor** [LZZ⁺24, MDL⁺23]. **Sentential** [CSS⁺23]. **Separable** [LLYC24, LP15]. **Separation** [WBC16]. **Sequence** [JLB⁺08]. **Sequences** [PBPLA17]. **Sequential** [ES22]. **Serial** [UCR⁺19]. **Series** [KZB23, ZQBL25]. **Serve** [AI22]. **Server** [MA24]. **Set** [GB11, WHJ⁺23]. **SHA** [MAK⁺12]. **SHA-256** [MAK⁺12]. **Shared** [MSF16]. **Sharing** [JMGI23, WZY⁺24]. **Shifter** [WAT15]. **Shifting** [DSB09]. **SHMEM** [AGY⁺11]. **Short** [CAG⁺22]. **Shrinkage** [WAS⁺23]. **Side** [DSW⁺24, GER19, GTS23, SG15, TJCP25]. **Side-Channel** [DSW⁺24, GTS23, SG15, TJCP25, GER19]. **Signal** [BHB14, DDH⁺11, SFNP23, SSC16]. **Signature** [MCL⁺23, ZHL⁺21]. **signatures** [LJS11]. **Significant** [LAA⁺17]. **Silicon** [UHU09, WHQ⁺08]. **SILVIA** [BBO⁺25]. **Similarity** [KZB23, WZY⁺24]. **Simple** [US23]. **Simple-to-Operate** [US23]. **Simulation** [AB23, CZ09, MVGB15, RGGW10, TB10]. **Simulations** [CH10, CPN⁺09, MPK22, MHS09, SLH⁺10, SC08]. **Single** [CSK17, DCS24, LKJ⁺11]. **single-driver** [LKJ⁺11]. **Sizing** [HDMN24, JSG⁺22]. **Skew** [SB08]. **Skip** [WML⁺24, DCL⁺22]. **Slices** [AGM⁺22]. **Sliding** [CFBS15, GS23, SSC16]. **Sliding-Window** [CFBS15, SSC16]. **Smaller** [YSC⁺23]. **SmartSSD** [SZKR22]. **SmartSSDs** [TES24]. **SMP** [MSF16]. **SoC** [LBRs16]. **SoCs**

[BF23, GHWS22, IF23, MCD⁺18, WBCW24, WGGR16]. **Soft** [AB14, AJYH18, CBFM14, DVK15, Kap16, KGC⁺24, LA17, LFS22, MLFS22, PD15, TOS17, WPSI18, WBR16, WBR18, YEC⁺09, LJS11]. **Soft-Error** [DVK15, PD15]. **Soft-Processor** [LA17]. **Soft-processors** [MLFS22]. **Software** [AB23, HHSC10, JSLO24, KHK24, LUX⁺21, LVC24, LFS22, ZHL⁺21, HH13, SC11]. **Software-defined** [LUX⁺21]. **Software-like** [AB23]. **Software/Hardware** [ZHL⁺21]. **Solver** [GPL24, ZBR12]. **Solving** [GFL⁺15, GPP08, KM10]. **Sort** [SZKR22]. **Sorting** [SP20, SXZ⁺25a]. **Source** [DC16, FL16, KHK24, SGNB08, ZML⁺22]. **Space** [CCZ⁺24, DCS24, JCG⁺12, JYJC23, LZF⁺10, LT09, MZLS20, SGW20, SGC21, SCY⁺23, HLL08]. **Sparkle** [XJXQ24]. **Sparse** [DDB⁺10, LCL⁺24]. **Sparsification** [WAS⁺23]. **Sparsity** [YHK⁺21]. **SPARTA** [GFC⁺25]. **Spatial** [CZD⁺25, MS25, SGM09, TYL⁺23, ZG16]. **Special** [Bak18, Bec14, BE19, CS17, CPW18, CWBD09, DH08, DC16, Deh20, ENPR22a, ENPR22b, FB24, GKK24, GPP08, Hüb12, Ien23, KZ23, KS24, LGD⁺14, Leo22, LH23, MST22, Sha22, SML⁺24, SLD23, VG14, Che11, GC13, AC14]. **Special-Purpose** [GPP08, LGD⁺14]. **Specialization** [DVH⁺15]. **Specializing** [MHT⁺21]. **Specific** [DDH⁺11, PMKM11, RLM⁺17, WYZ16, BBO⁺25, LJS11, SLL⁺20, SFT⁺23]. **Spectral** [LML⁺23]. **Speculation** [CTH16, SXZ⁺25b, THK12]. **Speculative** [SLH⁺25]. **Speed** [BS15, HBA⁺15, NW11, ZBC⁺09]. **SPHINCS** [LVC24]. **Spiking** [MFOM23, PFL22]. **SpMM** [XJXQ24]. **SQL** [LAF24, ZBB⁺16]. **SQL2FPGA** [LAF24]. **Squares** [FLM⁺17, FL20, PWP⁺16]. **SRAM** [AL16, LZF⁺10, Ste10]. **SRAM-Based** [AL16, LZF⁺10, Ste10]. **SRCS'12** [Bec14]. **SRP** [KCC⁺14]. **stack** [DFB⁺22]. **stacked** [IAG23]. **staged** [KVK⁺11]. **Stall** [GWPK20]. **Stall-Free** [GWPK20]. **Standard** [KA17]. **Standing** [NGM⁺23]. **State** [LCL⁺24, ZG16, GDHG11]. **State-of-the-Art** [LCL⁺24]. **States** [BAMR13]. **Static** [CW09, DRHM22, LAL13]. **Statistical** [CXG⁺12, MOG⁺13, SB08, WSDH23]. **Status** [LUX⁺21]. **Stealing** [RLM⁺17]. **Stencil** [DCS24, JB15, RDC⁺21, TYL⁺23]. **Step** [BPFD11]. **Stereo** [JM14, KVV24]. **Stopping** [AB20]. **Storage** [DLBM18, KHK24, SZKR22, TBS⁺25, WZL24]. **Storage-** [DLBM18]. **STR** [FYZ⁺25]. **Strategies** [MCL⁺13, PCFM23]. **Strategy** [DCL⁺22, KMK⁺10]. **Stratix** [SMOP15, KVV24, LNGP22, SMOP15]. **Stream** [CNK⁺24, GS23, PBPLA17, SCY⁺23, YSC⁺23]. **Streaming** [DD18, IF23, LBL23, PVB13, RMSK16]. **Streams** [SKW⁺21, USY17]. **Strega** [MA24]. **Strong** [MPK22]. **Strongly** [ATJZ16]. **Structure** [LGD⁺14, MYST25, MCC10]. **Structures** [DL09]. **Study** [BNW⁺10, NSS⁺11]. **Submitted** [Lee23]. **Substream** [BFBN⁺20]. **Substream-Centric** [BFBN⁺20]. **Successes** [CLL⁺22]. **Super** [ABCC09, CZZ23]. **Super-Resolution** [ABCC09]. **Supercomputer** [DDB⁺10]. **Supercomputing** [VDG⁺24, UHU09, AGY⁺11]. **Superconducting** [GKGS23]. **SuperDragon** [TZWZ15]. **Superscalar** [WBR18]. **Superword** [BBO⁺25]. **Superword-Level** [BBO⁺25]. **Support**

[GdLlG⁺¹⁴, KTB⁺²⁴, MSF16, PSM⁺¹⁴, PBPLA17]. **Supporting** [DNL19, QMG⁺²⁴, SSF⁺¹³]. **Supports** [KGC⁺²⁴]. **Suppression** [MHK⁺⁰⁸]. **Survey** [AKM⁺²⁵, CA23, GB11, GZY⁺¹⁸, NG25, PCFM23, PDH11]. **SW** [MCL⁺²³]. **SW/HW** [MCL⁺²³]. **Switch** [BMR16, KA21, NI24, PMGL22, SY24, SKW⁺²¹]. **Switch-based** [SKW⁺²¹]. **Switch-Blocks** [NI24]. **Switched** [AL16, LL12, MKP23]. **Switching** [AB20, US23]. **Symbol** [BDX⁺¹⁹]. **Symbol-Only** [BDX⁺¹⁹]. **Symmetric** [GFBF12, WZY⁺²⁴]. **Symmetries** [ZWM19]. **Symposium** [DH08]. **Synchronous** [GKM⁺¹², PVA⁺⁰⁹]. **SyncNN** [PFL22]. **Synergies** [MCD⁺¹⁸]. **Synthesis** [BAMR10, BAMR13, BPCC09, CJWC23, CSS⁺²³, DD18, DLZ⁺²⁴, FKM⁺²⁵, GFC⁺²⁵, GWXW21, GdLlG⁺¹⁴, HH24, HDMN24, HLC⁺¹⁵, JYJC23, LUX⁺²¹, LN23, OROS⁺¹⁹, RBR16, SFNP23, SLH⁺²⁵, WBC16, PANBI11]. **Synthesis-Generated** [HLC⁺¹⁵]. **Synthesizable** [KA17, WHQ⁺⁰⁸]. **System** [AVCP20, BCW21, CPN⁺⁰⁹, ES22, GSJC13, GS10, HH24, IBH⁺¹⁵, JM14, JB15, LZZ⁺²⁴, LGW⁺¹⁴, MSF16, TZWZ15, VPPK20, WBR16, ZZB⁺²⁰, ZBR12]. **System-Level** [GSJC13]. **System-on-Chip** [GS10]. **Systematic** [ILP24]. **SystemC** [HCGG24, HLL08]. **SystemC-based** [HLL08]. **Systems** [ASGY12, AI22, Bec14, BKT14, BHI15, CNE⁺¹⁵, CH10, CA23, ERO25, GMBC17, GdLlG⁺¹⁴, HHSC10, HLN⁺¹⁰, IGM⁺²⁰, INF⁺¹⁴, JSLO24, Kap16, KMK⁺¹⁰, KBT09, LP22, LFS22, MH15, MCN12, NBS13, NJLW14, PMC⁺¹⁴, PVA⁺⁰⁹, RGGW10, SGW20, SJT09, SML⁺²⁴, VG14, ZQ19, ZNA⁺¹⁸, ZW25, HGLS11, HH13, PDH11, ZH12]. **Systems-on-Chip** [GdLlG⁺¹⁴, VG14]. **Systolic** [LML⁺²³, NEPV24, ZCL16, ZCK22].

Table [IABV15, Tho15]. **Table-Hadamard** [Tho15]. **Tailor** [WML⁺²⁴]. **TAPA** [GCL⁺²³]. **Targetable** [KA17]. **Targeting** [DDH⁺¹¹, SFNP23, TL08]. **TAS** [ZBC⁺⁰⁹]. **TAS-MRAM-Based** [ZBC⁺⁰⁹]. **Task** [ASGY12, AB20, CTH16, GCL⁺²³, HNS⁺¹⁰, KTB⁺²⁴, PVB13]. **Task-PVB13**. **Task-Level** [ASGY12]. **Task-Parallel** [KTB⁺²⁴, GCL⁺²³]. **Tasks** [HHSC10]. **TATAA** [WSZ⁺²⁵]. **TCAMs** [dMdLC23]. **TDC** [FYZ⁺²⁵]. **TDF** [DGP⁺¹⁵]. **TDM** [LL12]. **TDM-Based** [LL12]. **Technique** [LN23]. **Techniques** [AKA09, KBT09, MKP09, OVI⁺¹²]. **Technology** [AC14, BCW21, JCCM09, KVV24, LZ19, PWP⁺¹⁶, KV⁺¹¹]. **Telescope** [PEM⁺⁰⁹]. **Temperature** [DGP⁺¹⁵, DB15]. **Temperature-Based** [DGP⁺¹⁵]. **Temporal** [TYL⁺²³]. **Tenant** [AKM⁺²⁵, KGT19, MKSB22]. **Tensor** [AGM⁺²²]. **Termination** [TTY25]. **Ternary** [PBBP18, TKH⁺¹⁹]. **TERO** [SRR23]. **TERO-TRNGs** [SRR23]. **Terrestrial** [KW22]. **Test** [HNG09, IYY⁺¹¹]. **Testing** [AZM⁺¹⁹]. **Them** [FZ25]. **Thermal** [KP14]. **Thousands** [AVCP20]. **Threaded** [GFC⁺²⁵, QNF⁺²³]. **Throughput** [AIH⁺²⁴, CNK⁺²⁴, FYZ⁺²⁵, LDJ⁺¹⁷, RC10, SSK⁺²³, MAK⁺¹²]. **Throughput-Optimized** [CNK⁺²⁴, LDJ⁺¹⁷]. **ThunderGP** [CCT⁺²²]. **Tile** [SY24]. **Tile-Based** [SY24]. **TILT** [TOS17]. **Time**

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