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Title word cross-reference

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

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

11th [AC14]. **15th** [DH08]. **16-nm** [TMLS21]. **19th** [GC13].

2 [YB18]. **2.0** [AZM+19, GMZ+23]. **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, LH23]. **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]. **Accelerated** [MHS+19, MCC10, SKJ22, BE19, GKLLA23]. **Accelerating** [JLB+08, PFL22, SDGL+22, TZWZ15, VL11, ZG16, ZVS20]. **Acceleration** [ABB+23, BMC+22, CAPA+09, CSS+23, CBR+14, CZ09, DFB+22, HNM+22, KLC11, KZB23, LUX+21, LLS+24, MCD+18, PFC15, PBPLA17, RRLW22, SCL24, TK16, TYL+23, WTS19, WMG+10, WWC+22, XCG+09, YOY17, YBS16, ZBR12]. **Accelerator** [CNZ+18, CZZ23, CJH+24, DCL+22, HLW+21, KVV24, LML+23, LDJ+17, LLS+23, LLYC24, QMG+24, QNF+23, SZKR22, SKW+21, TWL+23, WHJ+23, XRC23, YHK+21, YEC+09, YGH+18, ZZJB13, YXC+11]. **Accelerators** [BSW+23, FC24, GZY+18, HBXA23, JRHK15, NGM+23, SLL+20, SKJ22, UNBR14]. **Access** [LYZ+18]. **Accesses** [PFC15]. **Accumulation** [LLL+23]. **Accumulator** [WS16]. **Accuracy** [DHL+18, KY18, LP15, UNBR14]. **Accurate** [AVCP20, CSK17, DLBM18, JM14]. **ACE** [HLW+21]. **ACE-GCN** [HLW+21]. **ACM** [Lee23]. **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** [ZWM19]. **Adjustment** [NW11]. **Advantage** [MPK22]. **Advantages** [WSDH23]. **adventure** [RD11]. **Aerial** [CZ09]. **Aerospace** [WGGR16]. **AES** [DGP10, HF14]. **Against** [SRR23, LOM10]. **Agent** [GMBC17]. **Aggregation** [GS23]. **Aging** [CAG+22]. **Agreement** [ADSH18]. **AIgean** [TDH+22]. **Ain't** [RNTW22]. **Algorithm** [AIH+24, CBR+14, EWL15, KVV24, RLY+15, Ste10, SMN+23, TL11, TK16, ZCK22]. **Algorithm-Hardware** [AIH+24]. **Algorithm/Architecture** [EWL15]. **Algorithmic** [ZVS20]. **Algorithms** [CW09, LRA13, NSS+11]. **Alignment** [JLB+08, MCC10, OBD13]. **All-digital** [LLS+24]. **Altera** [SMOP15, TK16]. **Altering** [WML+24]. **Amenability** [HNG09]. **Analog** [HH24]. **Analyses** [DRHM22]. **Analysis** [BPFD11, CCF+18, CFBS15, CKG+10, JCGW20, LLL+23, MMMT09, PRV21, PPR+10, RGGW10, RGCL16, RMSK16, SB08, TMLS21, GP13, Tak12]. **Analytical** [KSCC10, LAL13, YCV+21, DW13, HGLS11]. **Analytics** [SZKR22]. **Analyzing** [GSJC13]. **Anomaly** [LBL23]. **Application** [ABCC09, BBND10, CM14, DDB+10, GdLlG+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, WHQ+08, KSG11]. **Applying** [NSS+11]. **Approach** [CM14, GKGS23, KM10, LYZ+18, MS23, MWK+12, NBS13, RKV23, SBC15, WSDH23]. **Approaches** [CHG22, MVGB15, SAD10]. **Approximate** [FAB22, LN23]. **ARC** [BAG15, DB15, GSCB15, SB15, WBAM10]. **ARC'08** [CWBD09]. **Architecture** [BYB23, ADSH18, ATJZ16, BCE+10, CXG+12, DS15, EWL15, FT17, GWS23, GMBC17, IZO+10, IGM+20, IF23, IBH+15, KLD16, KSCC10, KAL14, KD21, LNGP22, LLS+24, LGW+14, MPZ+20, OWMZ11, PFC15, PB18, RRLW22, RNTW22, SBC10, SB15, SZZW23, SCL24, SKB+22, Tak17, VL11, WS16, XJD+16, ZCL16, DW13, LKJ+11, Oli12]. **Architectures** [BBND10, BDX+19, CBC+12, DSB09, EBYB20, GC13, IAG23, JTLC09, KY18, LAL13, LFN+18, SFT+23, WCK21, YB18, HLL08]. **Area** [DD15, KY18, SY24, Tho15, WCK21]. **Area-Efficient** [DD15, Tho15]. **ARISE** [VTN09]. **Arithmetic** [SCC10, TMLS21, WWC+22]. **ARM** [GHWS22]. **Array** [BCW21, SLH+10, ZCL16]. **Array-System** [BCW21]. **Arrays** [DPHT19, HNM+22, SCC10, ZCK22, ZH12]. **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, ZQ19]. **Authenticated** [ADSH18]. **Automata** [BDX+19, KB23, KD21, MHS09]. **Automated** [DD18, GMZ+23, HDMN24, RMSK16, SCC10]. **Automatic** [AZM+19, APR+22, SFT+23, TYL+23, YB18, YBS16]. **Automatically** [LP15]. **Automating** [NCJ+15, YFW+17]. **Automation** [SV09]. **Autonomous** [BMR16, DVK15]. **AutoScaleDSE** [JYJC23]. **Avionics** [LZF+10]. **avoidance** [RD11]. **Aware** [BAG15, BKT14, HNS+10, LCS14, LN23, NJLW14, SB08, EA11, KSG11, ZVS20]. **Awareness** [AHL+14, Bec14, GKLLA23, DGP+15]. **AWS** [ES22].

Bandwidth [AI22, BBND10, HNM+22, SLH+10, USY17, BC11, SFT+23, ZZB+20]. **Bandwidth-Bound** [AI22]. **Bandwidth-Reduction** [SLH+10]. **Based** [AL16, AIH+24, BAG15, CBFM14, CZ09, DGP+15, DCL+22, DL09, EWL15, FHL+24, GWPK20, GDHG11, GHO17, HLN+10, JCG+12, JTLC09, Kap16, KBT09, KD10, KGS+12, LBRS16, LZ19, LT09, LYH+23, LL12, MVGB15, MWBL21, MZLS20, NNY12, OVI+12, PRV21, PPR+10, RKV23, RC10, SY24, SLH+10, SB15, SP20, SCY+23, TYB18, USY17, WAS+23, WGGR16, YOY17, ZCL16, ZBC+09, ZNA+18, ZBB+16, AHAM+19, AB23, CAG+22, DLCJ20, EA11, FZ23, GWS23, GKGS23, GWXW21, GZY+18, HBXA23, HLL08, KZB23, LZF+10, LSP+23, LFN+18, LLS+23, LLYC24, LBL23, MLFS22, MKSB22, MBJJ11, NGM+23, SKW+21, SLL+20, Ste10, TWL+23,

TYL+23, WTS19, WWC+22, YXC+11, YHK+21, ZBR12, ZQ19, ZZB+20, KP14, UNBR14, ZZJB13]. **Behavior** [PVA+09]. **Benchmarks** [HH24, MKP23, MWL+15, PB18]. **Benefits** [PSM+14]. **Bent** [SZZW23]. **between** [LW08, MWL+15, TOS17]. **Big** [RMSK16]. **Binary** [ADSH18, FAB22, HBXA23, PFC15, SCL24]. **Binary-Unary** [FAB22]. **Biomedical** [KCC+14, YBS16]. **BISWSRBS** [YHK+21]. **Bit** [UCR+19, LYH+23]. **Bit-Serial** [UCR+19]. **Bits** [DVK15, GKGS23]. **Bitstream** [BPFD11, SMOP15]. **Bitwidth** [VDdSN23]. **BlastFunction** [DFB+22]. **BLASTP** [JLB+08, MH15]. **Block** [BDGH15, CBFM14, DE22, EBYB20, TYB18, ZCK22]. **Block-Based** [CBFM14]. **Blocks** [AGM+22, FK08, NI24, RRW+22, SY24, TMLS21, PMKM11]. **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]. **Calling** [XRC23]. **CAM** [SCL24]. **Cannot** [BYB18]. **Capabilities** [GFBF12]. **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, WCK21]. **CGRA-EAM-Rapid** [WCK21]. **CGRAs** [CM14, NZS+23, WSDH23]. **Chain** [PABI09]. **Challenge** [MKP23]. **Challenges** [CLL+22]. **Channel** [GTS23, SG15, GER19]. **Characterization** [WMG+10]. **Check** [DL09]. **Checking** [CPFM21, PD15]. **Checkpointing** [AB20, AB23]. **Chief** [Che19]. **Chip** [AB14, BCW21, CTH16, CSK17, DE22, GMBC17, GdLlG+14, GS10, HBA+15, JSC14, LL12, VG14, GNM+15, LLS+23]. **CHIP-KNNv2** [LLS+23]. **Choose** [RD11]. **Choose-your-own-adventure** [RD11]. **Cibola** [QRDC+15]. **Cipher** [SCY+23, YSC+23]. **Circuit** [AHSS+21, DVH+15, EAAAA19, KS20, LL12, MKP23, US23, WSC09, GL08]. **Circuit-Switched** [LL12, MKP23]. **Circuit-Switching** [US23]. **Circuitry** [GGR+18]. **Circuits** [BMR16, CBC+12, CAG+22, DL09, FC24, GRNW22, JSG+22, JMGI23, LSP+23, SC08, SV09, Ste10, WBR16, WBR18]. **Classification** [MS23, ZWM19]. **Clock** [GRNW22, WSDH23, LW08]. **Clocking** [DB15]. **Cloud** [BDX+19, BE19, BMC+22, DFB+22, DE22, ES22, GTS23, KZB23, KGT19, LSP+23, MKSB22, ZDS+22, EAAAA19]. **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, 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** [SC11]. **Coding** [BAG15]. **Coefficient** [FAB22]. **CoEx** [EWL15]. **COFFE** [YB18]. **Coherency** [SDG12]. **Coherent** [PRV21, KD19]. **Collaborative** [MZLS20]. **Column** [VL11]. **Column-Oriented** [VL11]. **Combination** [DRHM22]. **Combinational** [SFNP23]. **Combinatorial** [WSC09]. **Combined** [PP10]. **CoMeFa** [ABB+23]. **Commercial** [FL16, MWL+15, ZML+22, PANBI11]. **Communication** [HNS+10, KLD16, SKJ22, TL11, US23, VG14, HZW+13]. **Communication-Aware** [HNS+10]. **Communication-centric** [VG14]. **Communications** [BNW+10]. **Compact** [HBXA23]. **Comparison** [BNW+10, LA17]. **Compatible** [LT09]. **Compensation** [DNL19]. **Compilation** [BPFD11, ES22, MWK+12, SFNP23, UAS16]. **Compile** [PPR+10]. **Compile-Time** [PPR+10]. **Compiler** [HLC+15, ZG16]. **Complex** [YB18]. **Complexity** [FRS+15]. **Compliant** [BCW21]. **Component** [SCC10]. **Components** [ATJZ16, DC16, RDC+21]. **Composable** [LBL23]. **Composing** [BSW+23, LLO+14]. **Comprehensive** [JCG+12, MZLS20, GP13]. **Compressed** [DCL+22, GS23]. **Compression** [GRG08, PP10, PBBP18, SKJ22, USY17, IYY+11]. **Compression/Decompression** [PP10]. **Compressor** [CAPA+09, PABI09, PANBI11]. **Computation** [HH24, IF23, dMdLC23]. **Computational** [CZZ23, HNM+22, RGCL16, SFT+23]. **Computations** [RDC+21]. **Compute** [ABB+23, LLS+24, MHS09]. **Compute-in-Memory** [ABB+23, LLS+24]. **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, RGGW10, RDB+18, SKJ22, USY17, UAS16, UCR+19, WGGR16, dDELVP13, KSG11]. **Conference** [AC14, LAA+17]. **Configurable** [LLS+23, MCL+23, PABI09, PRV21, WS16]. **Configuration** [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** [YFW+17].

Context [AB20, BMR16, KA21, NW11, SKW+21]. **Context-Switch** [BMR16, KA21]. **Continuous** [GGR+18]. **Control** [CJWC23, NW11, ZG16]. **Control-Intensive** [ZG16]. **Controller** [GdLlG+14]. **Converter** [DNL19]. **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]. **COSMIC** [GGR+18]. **Cost** [DPHT19, TL11, PDH11, ZH12]. **Countermeasure** [MMMT09]. **Counters** [LT09]. **Counting** [FK08, PBPLA17]. **Covert** [GER19, GTS23]. **Covert-** [GER19, GTS23]. **CPU** [CCF+18, MCD+18]. **CPUs** [TOS17]. **Creating** [DE22]. **Creation** [SFT+23]. **Creative** [MCL+13]. **Cross** [BDX+19, YGH+18, GTS23]. **Cross-layer** [YGH+18]. **Cross-Platform** [BDX+19]. **Cross-VM** [GTS23]. **Cryo** [TZWZ15]. **Cryo-Electron** [TZWZ15]. **Cryptographic** [BDGH15, SKW+21, SGM09]. **Cryptography** [GFBF12, HBXA23, KBM09, SG15]. **Crystals** [ZHL+21, MCL+23]. **Crystals-Dilithium** [ZHL+21, MCL+23]. **Curve** [ADSH18, GPP08, KBM09, SG15]. **Curve25519** [SG15]. **Custom** [GRG08, LCS14, PBBP18, TOS17]. **Customizable** [MPZ+20]. **Customized** [LFN+18, MLPK22]. **cuts** [KVK+11]. **Cybersecurity** [PCFM23]. **Cycle** [CSK17]. **Cycle-Accurate** [CSK17]. **Cyclostationary** [LLL+23].

D [BPCC09, IAG23, JB15, LP15, RNTW22, SPS12, TZWZ15]. **D-LSTM** [RNTW22]. **D-stacked** [IAG23]. **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]. **Databases** [VL11]. **Datacenters** [BE19, BMC+22]. **Dataflow** [GCL+23, HDMN24, JSG+22, JMGI23, YCV+21, ZG16]. **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]. **Decoders** [DLCJ20, CA11]. **Decomposition** [ZCL16]. **Decompression** [KBT09, PP10]. **Deconvolutional** [LFN+18]. **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, ZDS+22, 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]. **Demands** [RUC11]. **Demystifying** [LFS22]. **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, DLCJ20, DL09, EWL15, FHL+24, GWPK20, GHO17, GCL+23, IPC14, JSC14, JB15, JYJC23, KMK+10, LP22, LYH+23, MKP09, MLFS22, MHS+19, MZLS20, NBS13, PRV21, PCFM23, SJT09, SBC15, SCY+23, SKB+22, Tak12, UNBR14, VDdSN23, ZMH+23, ZHL+21, HLL08, HH13, MCL+23, MAK+12]. **design-space** [HLL08]. **Designing** [AHL+14, FK08, RVN24]. **Designs** [BPCC09, DD18, DHL+18, DB15, GMZ+23, MKP23, NEPV24, RLM+17, WYZ16]. **Desktop** [LYS+08]. **Detailed** [NZI22]. **Detection** [AVCP20, AIH+24, ATJZ16, LBL23, PD15, SMN+23, YGH+18, KSG11]. **Detector** [MFOM23]. **Deterministic** [MS23, KB23]. **Development** [VTN09, DW13]. **Device** [CXG+12]. **Devices** [FHL+24, FKS+12, RGCL16, WMG+10]. **DF** [APR+22]. **Diagrams** [CSS+23]. **Dictionary** [GRG08]. **Difference** [NJLW14, SLH+10]. **Differential** [MMMT09]. **Digital** [BNW+10, DNL19, LP15, MCN12, SFNP23, SSC16, LLS+24]. **Digital-Signal** [SSC16]. **Dilithium** [ZHL+21, MCL+23]. **direct** [ZBR12]. **Directional** [KG17]. **Disaggregated** [ASPP22]. **Discovery** [MCL+13]. **Discrete** [GdLlG+14, GPP08]. **Distributed** [LP22, OKA19, HZW+13]. **Div** [MLFS22]. **Divider** [MLFS22]. **DL** [GZY+18]. **DMA** [SSK+23]. **DNN** [APR+22, RRLW22]. **Do** [BYB18]. **Domain** [DDH+11, SFT+23, NSS+11]. **Domain-Specific** [DDH+11, SFT+23]. **Domains** [NZS+23]. **don't** [MBJJ11]. **don't-care-based** [MBJJ11]. **DORGA** [NW11]. **Dot** [VDdSN23]. **Double** [LGD+14]. **Double-Precision** [LGD+14]. **DPA** [LOM10]. **DRAM** [SLL+20]. **DRAM-based** [SLL+20]. **Drift** [GKLLA23]. **Drift-awareness** [GKLLA23]. **Driven** [DSK15, LRA13, MWL+15, Ste10, YGH+18, EA11, HLW+21, ZML+22]. **driver** [LKJ+11]. **Drone** [SMN+23]. **DSL** [SP20]. **DSL-Based** [SP20]. **DSP** [CBFM14]. **DSP48E2** [NEPV24]. **DSPs** [DGP10]. **Dual** [HF14, LYH+23]. **Dual-Rail** [HF14]. **Dual-ring** [LYH+23]. **Dynamic** [AZM+19, BHI15, CZZ23, CTH16, CJWC23, CW09, DVH+15, DRHM22, FKS+12, KP14, KS20, LP15, TWG+20, VPPK20, VMV15, NSS+11]. **Dynamic-scheduling** [CJWC23]. **Dynamically** [BBND10, DGP+15, HHSC10, MSSM10, NNY12, QMG+24, TL11, ZBB+16, HLL08, HH13, IYY+11]. **Dynamics** [CH10, HNM+22, SFT+23].

EAM [WCK21]. **ECC** [DL09, GS10, WHJ+23]. **Eciton** [CJH+24]. **Edge** [BF23, CJH+24, DCL+22, KZB23]. **Edge-skip-calculation** [DCL+22]. **Edition** [DH08]. **editor** [AN09, Che19]. **Editor-in-Chief** [Che19]. **Editorial** [CDM15, Che19, DH08, GSCB15, WBAM10]. **Editors** [SJT09]. **Edwards** [ADSH18]. **Effect** [HLC+15]. **Efficiency** [BYB18, DPHT19, NZS+23, PBBP18, LYH+23]. **Efficient** [BMR16, BGSL17,

CCT+22, DD15, DLBM18, EBYB20, FT17, FK08, HH24, HU10, KSCC10, KVV24, KD19, LYZ+18, LLYC24, MCD+18, PBPLA17, RLY+15, RLM+17, SLH+10, SSK+23, SFNP23, Tho15, VDdSN23, WML+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, KBM09, SG15]. **Embedded** [BHI15, Kap16, KBT09, RRW+22, WPSI18, WHQ+08]. **Embedding** [HLW+21]. **Empirical** [RKV23]. **Emulation** [CSK17, ZZB+20]. **EmulatoR** [KGS+12]. **Enable** [AZM+19, AB20, RDB+18]. **Enabled** [HNM+22, BYB23]. **Enabling** [MWL+15, OVI+12]. **encoded** [KVK+11]. **Encryption** [SMOP15]. **End** [BSW+23, BPF+18, BF23]. **End-to-End** [BPF+18, BSW+23, BF23]. **Energy** [DSK15, DLBM18, DPHT19, KLD16, LP15, NZS+23, SMN+23, WCK21, CA11]. **Energy-Efficient** [DLBM18, SMN+23, CA11]. **Energy-Reliability** [DSK15]. **Engine** [JYJC23, MS23]. **Engines** [RVN24, XCG+09, YXC+11]. **Enhance** [RKV23]. **Enhanced** [JCCM09, ZCL15, ZCL16, MS23]. **Enhancement** [ABCC09]. **Enhancements** [ZVS20]. **Enhancing** [GKM+12, GHWS22, MCN12, RDC+21, TYB18]. **Enough** [RNTW22]. **Ensemble** [LBL23]. **Ensembles** [OKA19]. **Entropy** [FK08]. **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, SKB+22, SMOP15]. **Evaluations** [KGS+12]. **Event** [GWS23]. **Event-based** [GWS23]. **Evolution** [CBC+12]. **Evolutionary** [ZCK22]. **Evolvable** [DS15]. **Evolving** [MLPK22]. **Exact** [OROS+19]. **Example** [SP20]. **Execution** [DSK15]. **Exotic** [FT17]. **Experiment** [QRDC+15]. **Explicitly** [NI24]. **Exploitation** [INF+14, MAK+12]. **Exploiting** [BDGH15, CA11, EAGEG09, GER19, LCS14, LZF+10, MCD+18, PVB13, SKH+22]. **Exploration** [BPF+18, EWL15, JYJC23, MZLS20, RRLW22, SCY+23, UNBR14, HLL08, LKJ+11]. **Exploring** [JTLC09, MWL+15, NI24, SPS12]. **Exponentiation** [dDELVP13]. **Expressions** [LT09]. **Extended** [DGP10]. **Extending** [GdLlG+14]. **Extensible** [WS16]. **Extension** [GB11, GFBF12, MWK+12]. **Extraction** [GNM+15].

Fabric [BHB14, SDGL+22, WHQ+08, SPS12]. **Fabrics** [KA17]. **Factor** [LRA13]. **Factored** [KAL14]. **Fast** [AVCP20, BAG15, BPF+18, BDX+19, CSK17, HU10, HLW+21, JCGW20, JM14, NW11, UNBR14, YGH+18, ZCK22, ZWM19, SSF+13, SP20]. **Fault** [BKT14, JCG+12, RLY+15]. **Fault-Tolerant** [BKT14, RLY+15]. **FCCM** [Deh20, LH23]. **FCCM'16** [Bak18]. **FDRA** [QMG+24]. **FeatherNet**

[MHS+19]. **Feel** [AB20]. **FEM** [BGSL17]. **FFT** [LLL+23]. **FGPU** [MHT+21]. **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]. **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, US23]. **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** [KSCC10]. **Floorplanning** [MSSM10]. **Flow** [BNW+10, BMR16, BHB14, CJWC23, GKM+12, HNM+22, KA17, RLY+15, SCC10, ZG16, ZMH+23]. **Fluid** [SFT+23]. **Footprint** [CW09]. **Forget** [AI22]. **format** [SLL+20]. **FOS** [VPPK20]. **Fourier** [SP20]. **FPGA** [BYB23, AZM+19, AHSS+21, AVCP20, APR+22, ABCC09, AIH+24, AGM+22, AB20, BCE+10, BAG15, BSW+23, BPFD11, BFBN+20, BDGH15, BE19, BMC+22, BYB18, BF23, CHG22, CA11, Che11, CW09, CCF+18, CSS+23, CSK17, CZ09, CLL+22, CAG+22, DFB+22, DW13, DVK15, DHL+18, DNL19, DE22, DL09, ES22, EBYB20, EAAAA19, FRS+15, FLM+17, GP13, GWPK20, GFBF12, GMBC17, GSJC13, GER19, GRG08, GHWS22, GHO17, GZY+18, GMZ+23, HBXA23, HF14, HGLS11, HCOB13, HLW+21, 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, LDJ+17, LFN+18, LLYC24, LT09, LBL23, LKJ+11, MLPK22, MLFS22, MCD+18, MKP23, MAK+12]. **FPGA** [MCN12, MZLS20, MPZ+20, MHS09, NNY12, NGM+23, NZI22, NI24, PWP+16, PDH11, PMGL22, PABI09, PMKM11, PB18, PBPLA17, PCFM23, RDC+21, RVN24, RC10, RRLW22, SLH+10, SB15, SC08, SV09, Sha22, SLL+20, SZZW23, SCL24, SMN+23, TL11, TWL+23, Tho15, TB10, USY17, US23, UNBR14, VPPK20, VDdSN23, WTS19, WYZ16, WHQ+08, WWC+22, WGGR16, WGGR17, XCG+09, XRC23, YXC+11, YB18, YOY17, YGH+18, ZDS+22, ZBR12, ZZJB13, ZQ19, ZCK22, ZBC+09, ZNA+18, ZMH+23, ZVS20, ZBB+16]. **FPGA-accelerated** [BE19]. **FPGA-Array** [SLH+10]. **FPGA-Aware** [LCS14]. **FPGA-Based** [UNBR14, ZZJB13, AIH+24, CZ09, GHO17, JCG+12, Kap16, KBT09, LT09, NNY12, RC10, SB15, USY17,

WGGR16, YOY17, ZNA+18, ZBB+16, GZY+18, KZB23, LLYC24, LBL23, MLFS22, NGM+23, TWL+23, WTS19, WWC+22, YXC+11, ZBR12, ZQ19]. **FPGA-optimized** [ZCK22]. **FPGA-SoCs** [GHWS22]. **FPGADefender** [LMG+20]. **FPGAs** [AB14, AKA09, AHAM+19, AJYH18, ABB+23, AI22, AB23, BKT14, BAMR10, BNW+10, BPCC09, BHB14, CAPA+09, CBFM14, CPW18, CCT+22, CXG+12, CPFM21, CPN+09, CFBS15, DH08, DLCJ20, DDH+11, DD15, DGP+15, DGP10, DB15, ENPR22a, ENPR22b, FL16, FAB22, GRNW22, GTS23, GCL+23, HU10, HBA+15, IAG23, KG17, KA21, KW22, KGT19, KD21, LMG+20, LLO+14, 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, TMLS21, TWG+20, TYB18, TYL+23, VMV15, WSC09, WAT15, ZZB+20, ZML+22]. **FPL** [BGSL17, YFW+17, CDM15, CS17, GKK24, LAA+17, MST22]. **FPT** [KZ23, Lee23]. **FPT'12** [AC14]. **FPT'20** [SLD23]. **FPT'21** [Che22]. **Framework** [ASGY12, AHSS+21, BSW+23, BPF+18, CCT+22, CKG+10, DFB+22, FHL+24, GCL+23, JCG+12, JRHK15, KD21, LZ19, QMG+24, RGGW10, SGW20, SGC21, TDH+22, TYL+23, UAS16, VTN09, WPSI18, WGGR16, ZDS+22, HLL08, SSF+13, SPS12]. **Free** [AB20, GWPK20]. **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]. **Functions** [NCJ+15, SAD10]. **Future** [BMC+22, LUX+21].

Galois [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]. **Generation** [BS15, LSP+23, LGW+14, MWK+12, PRV21, SP20, SCC10, TL08, GL08]. **Generator** [GHO17, SBC10, SSC16, Tho15]. **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, MVGB15, TWL+23, ZG16]. **Graph-Based** [MVGB15, GWXW21]. **Graphic** [BCW21]. **graphics** [BG08]. **Graphs** [SLL+20]. **Grid** [SLL+20]. **Grid-format** [SLL+20]. **GRNG**

[Tho15]. **GROK** [GNM+15]. **GROK-LAB** [GNM+15]. **Guest** [AN09, CDM15, DH08, GSCB15, WBAM10, SJT09].

Hadamard [Tho15]. **Handling** [SKW+21]. **Hard** [AB14, ZCK22]. **Hardened** [LFS22]. **Hardware** [ADSH18, AV13, AIH+24, BCW21, BPFD11, BS15, CBC+12, CZZ23, CBR+14, CZ09, DD18, DFB+22, DLCJ20, DS15, FHL+24, GKLLA23, GPP08, HBXA23, HNM+22, HHSC10, HLC+15, HLN+10, IBH+15, KVV24, KBT09, LLYC24, MOG+13, MCC10, PD15, PSM+14, RNTW22, SBC10, SKW+21, SP20, TL08, TOS17, WL10, YSC+23, YBS16, ZG16, ZHL+21, BG08, HH13, SC11, SMN+23]. **Hardware-Accelerated** [MCC10, GKLLA23]. **Hardware-Based** [HLN+10]. **Hardware/Software** [HHSC10, HH13, SC11]. **Hash** [IABV15]. **HBM** [LLS+23, SKH+22, TYL+23]. **HBM-based** [LLS+23, TYL+23]. **HBM2** [BYB23]. **HBM2-enabled** [BYB23]. **HDL** [RDC+21]. **Healing** [BHI15]. **healthier** [ZH12]. **Heap** [BAG15]. **Heap-Based** [BAG15]. **heterogeneity** [LKJ+11]. **Heterogeneous** [ASGY12, AHL+14, BPCC09, CNE+15, CCF+18, GFL+15, KSCC10, KP14, OVI+12, RVN24, TZWZ15, TDH+22, UAS16, WSDH23, YB18, ZSP+21, PMKM11, SPS12]. **Hiding** [MMMT09, THK12]. **Hierarchies** [YFW+17]. **High** [AIH+24, BGSL17, BS15, CZZ23, CJWC23, CH10, CSS+23, CKG+10, DHL+18, EAGEG09, GWXW21, HNM+22, HDMN24, HNS+10, HLC+15, IPC14, JSG+22, JYJC23, LN23, LLS+23, LYH+23, MH15, MCL+23, MPZ+20, NBS13, OROS+19, PMGL22, PBBP18, RC10, SPM+10, SGM09, SSK+23, SFNP23, SFT+23, SSC16, TB10, USY17, WBC16, WBR18, WWC+22, ZZB+20, ZBC+09, MAK+12, PANBI11]. **High-Accuracy** [DHL+18]. **High-Bandwidth** [HNM+22, SFT+23, ZZB+20]. **High-Efficiency** [PBBP18, LYH+23]. **High-Level** [CKG+10, HLC+15, IPC14, JYJC23, LN23, NBS13, OROS+19, WBC16, CJWC23, CSS+23, GWXW21, HDMN24, SFNP23]. **High-Order** [BGSL17]. **High-Performance** [CH10, EAGEG09, HNM+22, HNS+10, JSG+22, LLS+23, MH15, PMGL22, SPM+10, SSC16, TB10, USY17, WBR18, MCL+23, MPZ+20, WWC+22, PANBI11]. **High-Speed** [BS15, ZBC+09]. **High-Throughput** [SSK+23, MAK+12]. **Highly** [DLBM18, ES22, IGM+20, RDC+21]. **Hipernetch** [PMGL22]. **HLS** [CCT+22, CLL+22, DRHM22, GRNW22, GCL+23, JCGW20]. **HLS-generated** [GRNW22]. **HMAC** [MAK+12]. **Homogeneous** [LAL13]. **Hoplite** [KG17]. **HopliteBuf** [GWPK20]. **HopliteML** [MLPK22]. **HPC** [MPK22, MKP23, US23]. **HTTP** [MA24]. **HW** [MCL+23]. **Hybrid** [DS15, FAB22, GHWS22, MFOM23, RGCL16, SGW20, TYL+23]. **Hybrid-TPM** [GHWS22]. **HyperTransport** [SGNB08].

I/O [MHS09, RGCL16]. **ICFPT** [AN09]. **iDEA** [CBFM14]. **Identification** [DVH+15, GHO17]. **Idle** [NCJ+15]. **II** [ENPR22b, SMOP15]. **III** [SMOP15]. **Image** [BAG15, CZ09, SDM+18]. **Images** [TZWZ15]. **Impact**

[HBA+15, KLD16, KW22, SY24]. **Implementation** [AV13, BAG15, BCW21, DNL19, GRG08, GMZ+23, HBXA23, HF14, KVV24, LGD+14, LLL+23, LML+23, MKP09, OBD13, RC10, SSK+23, SV09, SAD10, CA11, SSF+13]. **Implementations** [BDGH15, FLM+17, MDL+23]. **Implemented** [PVB13]. **Implementing** [BKT14, BNW+10, SG15]. **Imprecise** [SBC15]. **Improve** [BYB18, LZF+10, SDG12]. **Improved** [GHO17, JCCM09]. **Improving** [DRHM22, LZ19, NZS+23, YKBS10]. **In-Circuit** [KS20]. **In-Depth** [CCF+18]. **In-the-Cloud** [BDX+19]. **Increasing** [SRR23]. **Incremental** [GGR+18, GL08]. **Independent** [PMC+14]. **Index** [BAG15]. **Index-Aware** [BAG15]. **Inducing** [CAG+22]. **Inference** [APR+22, BYB18, CJH+24, DWN+22, EBYB20, GZY+18, MCD+18, NGM+23, OKA19, RHLK18, SFNP23, WML+24]. **Infinite** [SWT+22]. **Information** [GSJC13]. **Infrastructure** [HBA+15, MKSB22, ZZB+20, HH13]. **Input** [CAPA+09, FK08]. **Insensitive** [GMZ+23]. **Insertion** [LOM10]. **Instance** [RLM+17]. **Instance-Specific** [RLM+17]. **Instruction** [GB11, GWXW21, WBR18, YGH+18]. **Instruction-Set** [GB11]. **Instructions** [LCS14]. **Integer** [MLFS22]. **Integration** [GS10, JRHK15, LRA13, YBS16]. **Intensive** [ZG16]. **Inter** [MKP23]. **Inter-FPGA** [MKP23]. **Interactions** [KD19]. **Interconnect** [FK08, NZI22, RBR16, TMLS21, SPS12]. **Interconnects** [KS20]. **Interface** [GKGS23, JB15, RUC11]. **Internal** [HBA+15]. **International** [AC14, DH08, VG14]. **Interrupt** [AB20]. **Intersection** [WHJ+23]. **Intra** [GNM+15, HF14]. **Intra-cluster** [GNM+15]. **Intra-Masking** [HF14]. **Intrinsic** [MHK+08]. **Introduction** [AC14, Bak18, Bec14, BE19, BL08, CS17, Che16, CPW18, Che11, CWBD09, DC16, Deh20, ENPR22a, ENPR22b, GC13, GKK24, Hüb12, Ien23, KZ23, Leo22, LH23, MST22, SJT09, Sha22, SLD23, VG14, AN09]. **Introspection** [GGR+18]. **Invariant** [PD15]. **IP** [IZO+10]. **IPs** [EAAAA19]. **IR** [ZG16]. **Irregular** [WSDH23]. **Isolated** [MMMT09]. **Issue** [AC14, CWBD09, DC16, ENPR22a, ENPR22b, Hüb12, KZ23, VG14]. **Itemset** [ZZJB13]. **Itemsets** [PBPLA17]. **Iterative** [LZ19, BC11].

JIT [BPFD11]. **JITPR** [SSF+13]. **Jitter** [LSP+23]. **Jitter-based** [LSP+23]. **Join** [YOY17]. **Journal** [Che22, Lee23]. **Journal-first** [Che22]. **Junction** [TYB18]. **Junction-Based** [TYB18].

KAPow [DHL+18]. **Kernel** [FLM+17, FL20, PWP+16]. **Kernels** [JB15]. **Key** [ADSH18, GFBF12]. **KLT** [DB15]. **KNNv2** [LLS+23]. **Knowledge** [GNM+15].

Lab [MCN12, GNM+15]. **LambdaRank** [YXC+11]. **Language** [CKG+10, SDM+18]. **Languages** [SFT+23]. **Large** [CSK17, KM10, KD21, MWL+15, SWT+22, YCV+21]. **Large-Scale** [CSK17, YCV+21, KD21]. **Latencies** [BAMR13]. **Latency**

[GMZ+23, THK12]. **Latency-Insensitive** [GMZ+23]. **Layer** [IBH+15, YGH+18]. **Layers** [SY24]. **Layout** [KY18, SY24]. **LDPC** [CA11]. **Leading** [HH24]. **Leakier** [GER19]. **Learned** [WAS+23]. **Learning** [AHAM+19, AHSS+21, ABB+23, BPF+18, BATM22, CPW18, EBYB20, GKLLA23, LLS+24, MHT+21, MCN12, NGM+23, RRW+22, RVN24, RHLK18, TDH+22, AGM+22]. **Least** [FLM+17, FL20, PWP+16]. **Length** [LRA13, EA11]. **Level** [ASGY12, CKG+10, DD18, DS15, DL09, GSJC13, HLC+15, IPC14, JYJC23, LN23, NBS13, NZI22, OROS+19, PVB13, QMG+24, WBC16, CA11, CJWC23, CSS+23, GWXW21, HDMN24, KGT19, SFNP23]. **Leveraging** [SC11]. **libraries** [KVK+11]. **Library** [FL16, LBL23, WL10]. **Licensing** [EAAAA19]. **Lightening** [DLBM18]. **LightNNs** [DLBM18]. **Lightweight** [IF23, RD11, TWL+23]. **like** [AB23]. **Line** [IABV15]. **Line-Rate** [IABV15]. **Linear** [FC24, WGGR17, ZBR12]. **Linux** [MSF16, MKSB22]. **Linux-based** [MKSB22]. **Listing** [NI24]. **Lists** [WAT15]. **Lithographic** [CZ09]. **Load** [DLBM18, THK12, RD11]. **load-time** [RD11]. **Local** [JSC14]. **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** [DRHM22, DSB09, DPHT19, FZ23]. **Loops** [PMC+14, PFC15]. **Low** [CJH+24, DHL+18, DS15, DPHT19, FRS+15, HBA+15, KBM09, KCC+14, KGS15, NZS+23, VDdSN23, WWC+22, ZBC+09, ZH12]. **Low-Complexity** [FRS+15]. **Low-Cost** [DPHT19, 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** [HBXA23].

Machine [AHAM+19, KAL14, RRW+22, TDH+22, GDHG11]. **Magnetic** [TYB18]. **Major** [FL16]. **Malicious** [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, SFNP23, KVK+11]. **Mapping-Scheduling** [CBR+14]. **MARTE** [GdLlG+14]. **Masking** [HF14]. **Massive** [RNTW22]. **Massively** [JB15]. **Matching** [KVV24, SCL24, XJD+16]. **Matchings** [BFBN+20]. **Matrices** [RC10]. **Matrix** [DDB+10, UCR+19, BC11]. **Matrix-Vector** [DDB+10, BC11]. **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, WBR16, YFW+17, ZZB+20, ASPP22, BC11, IAG23, LJS11, LLS+24]. **Memory-Enabled** [HNM+22]. **Memristor** [dMdLC23]. **Mercury** [JLB+08]. **Merged** [GRG08]. **Merging** [JCCM09, KD10, LCS14, TWG+20]. **Meshes** [BGSL17]. **Message** [Che19]. **Metal** [SY24]. **Method** [LLL+23, NJLW14]. **Methodology** [DGP+15, LBRS16]. **Methods** [AHAM+19, KSCC10, 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]. **Minimum** [KY18]. **Minimum-Width** [KY18]. **Mining** [PBPLA17, ZZJB13]. **Minor** [CM14]. **Miss** [AI22]. **Miss-Optimized** [AI22]. **Mitigating** [KGT19]. **Mixed** [AB14, YHK+21]. **mobile** [NSS+11]. **MOdel** [KGS+12, AHL+14, CPFM21, DLCJ20, FL20, LAL13, MOG+13, MVGB15, SPM+10, YBS16, AGY+11, DW13, HGLS11, PDH11]. **MOdel-Based** [KGS+12, DLCJ20]. **Modeling** [GdLlG+14, MZLS20, PVA+09, SC08]. **Modelling** [MPZ+20, YB18]. **Models** [FHL+24, JTLC09, KY18, RVN24]. **Modern** [AHAM+19, CCF+18, GCL+23, LFS22, 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, CAPA+09, ES22, GWS23, GMBC17, HGLS11, JSC14, KGT19, LLO+14, LN23, LYZ+18, LYH+23, MKSB22, QMG+24, QNF+23, RDC+21, WMG+10, MKP23]. **Multi-Agent** [GMBC17]. **Multi-Application** [JSC14]. **Multi-bit** [LYH+23]. **Multi-Core** [WMG+10, QNF+23]. **Multi-Die** [BYB23]. **Multi-FPGA** [ES22, HGLS11, 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** [KGT19, MKSB22]. **Multi-threaded** [QNF+23]. **Multicontext** [VL11]. **Multicore** [MSF16, SDG12]. **Multicores** [AHL+14, CFBS15]. **Multidimensional** [SB15]. **MultiFactor** [KLC11]. **Multigigabit** [PP10]. **multilevel** [AGY+11, HGLS11]. **multilevel-PGAS** [AGY+11]. **Multimedia** [DSK15]. **Multiple** [MHK+08, RVN24, SY24, SKW+21]. **Multiple-Metal** [SY24]. **Multiplication** [DDB+10, FAB22, NEPV24, UCR+19, BC11]. **Multiplier** [HCOB13]. **Multipliers** [HU10]. **Multiported** [AL16]. **Multiprocessor** [CPN+09]. **Multiprocessors** [PPR+10]. **Multivariate** [SBC10, TL08]. **mutate** [GL08]. **MXP** [LA17].

NAPOLY [KB23]. **NASCENT2** [SZKR22]. **native** [DFB+22]. **NCBI** [MH15]. **Near** [ASPP22, DD15, IAG23, SZKR22, SDGL+22, ZZB+20]. **Near-Associative** [DD15]. **Near-data** [ZZB+20]. **Near-Memory** [SDGL+22, ASPP22, IAG23]. **Near-Storage** [SZKR22]. **Nearest** [LLS+23]. **Neighbors** [LLS+23]. **Net** [EA11, LRA13]. **Net-Length** [LRA13]. **Net-length-based** [EA11]. **Network** [BYB18, CTH16, CJH+24, GWPK20, GMBC17, GZY+18, JSC14, KAL14, LLYC24, MHS+19, PMGL22, RNTW22, SFNP23, TWL+23, US23, ZSP+21]. **Network-on-Chip** [CTH16, JSC14]. **Networks** [AB14, BPF+18, CSK17, DWN+22, KD10, LDJ+17, LL12, MKP23, MVGB15, PFL22, PVA+09, PBBP18, QNF+23, RKV23, SP20, TKH+19, VDdSN23, WAS+23, ZDS+22, HZW+13, LW08]. **Networks-on-Chip** [AB14, CSK17]. **NEURAghe** [MCD+18]. **Neural** [BPF+18, BYB18, CJH+24, DWN+22, GZY+18, KAL14, LDJ+17, LLYC24, MHS+19, PFL22, PBBP18, QNF+23, RKV23, RNTW22, SFNP23, TKH+19, VDdSN23, WAS+23, ZDS+22]. **NeuroHSMD** [MFOM23]. **Neuromorphic** [MFOM23]. **Next** [LGW+14]. **Nine** [NW11]. **Nine-Context** [NW11]. **nm** [TMLS21]. **NN** [FC24]. **NoC** [KG17, KP14]. **NoC-Based** [KP14]. **NoCs** [GWPK20, MLPK22]. **Non** [CAG+22, FC24, KB23]. **Non-deterministic** [KB23]. **Non-Linear** [FC24]. **Non-uniform** [CAG+22]. **Normalised** [FLM+17, FL20]. **Note** [Che22]. **Novel** [AHAM+19, DNL19, EWL15, IGM+20, RNTW22, VL11, SPS12]. **NPN** [ZWM19]. **Number** [LSP+23, PRV21, RVHP16, SBC10, TL08, Tho15]. **Numerical** [SLH+10, USY17]. **NX** [LNGP22].

O [MHS09, RGCL16]. **Object** [AIH+24, GWS23]. **Octavo** [LA17]. **ODoST** [YBS16]. **OFDM** [BATM22, SAD10]. **off** [LW08]. **Offs** [SAD10]. **On-Chip** [LL12, GNM+15]. **On-cloud** [EAAAA19]. **Online** [DHL+18, GGR+18]. **Only** [BDX+19]. **onto** [SFNP23, SSF+13]. **Open** [FL16, TDH+22, ZML+22, SGNB08]. **Open-Source** [FL16, ZML+22, SGNB08]. **OpenCL** [MZLS20, TK16, WTS19]. **OpenCL-Based** [MZLS20]. **OpenGL** [BCW21]. **Operate** [US23]. **Operating** [AHL+14, IBH+15, VPPK20]. **Operation** [NBS13]. **Operations** [PSM+14]. **Operators** [OBD13]. **Opportunities** [CLL+22, DVH+15]. **Optical** [BNW+10, NW11]. **Optimal** [DSB09]. **Optimization** [BPCC09, CXG+12, DSK15, DDH+11, KSCC10, LZ19, LP15, LT09, WYZ16, YB18, GCL+23, MBJJ11, SMN+23]. **Optimizations** [HLC+15, IAG23, YSC+23]. **Optimized** [AI22, FZ23, GS10, LDJ+17, NEPV24, RDC+21, SBC10, SZZW23, TYL+23, VDdSN23, YFW+17, ZCK22]. **Optimizing** [BAMR13, BC11, Kap16, LFN+18, MZLS20, UCR+19, WGGR16, WGGR17]. **Option** [JTLC09]. **Options** [FT17]. **Order** [BGSL17, WBR16, WBR18]. **Oriented** [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, KB23]. **Overlays** [JCGW20, LA17]. **own** [RD11].

Packet [MS23]. **Packing** [AKA09]. **Papers** [Lee23, LAA+17]. **Parallel** [AV13, BAG15, ES22, GMZ+23, IGM+20, JB15, MWBL21, SB15, SDM+18, SSC16, TZWZ15, YOY17, GCL+23]. **Parallelising** [CJWC23]. **Parallelism** [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, 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]. **Pattern** [LYZ+18, YHK+21]. **Patterns** [NI24]. **Pay** [EAAAA19]. **Pay-per-use** [EAAAA19]. **Pentium(R)** [LYS+08]. **Per-Module** [DHL+18]. **Perfecto** [HLL08]. **Performance** [APR+22, CH10, CKG+10, EAGEG09, HNM+22, HNG09, HNS+10, 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, BC11, GP13, HGLS11, 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, MVGB15, SMOP15]. **PIMap** [LZ19]. **Pinch** [DGP10]. **PipeArch** [KA21]. **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, KSG11, KD19, NNY12, ZSP+21]. **Platform-aware** [KSG11]. **Platforms** [CCF+18, CBR+14, GFL+15, GKM+12, RMSK16, SAD10, YCV+21]. **Point** [FL16, HU10, KD10, OBD13, RC10, USY17, WL10, WS16, dDELVP13, LLL+23, WWC+22]. **Point-to-Point** [KD10]. **Polar** [DLCJ20]. **Policy** [SDG12]. **Population** [CA23]. **Port** [PVA+09]. **Portability** [KGS15]. **Portable** [WS16, ZBR12]. **Ported** [LLO+14]. **Positive** [AVCP20]. **Post** [HBXA23, MCL+23]. **Post-quantum** [HBXA23, MCL+23]. **POWer** [KGS+12, CXG+12, DHL+18, KBM09, KCC+14, KP14, LAL13, MMMT09, MDL+23, NZS+23, SLH+10, 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]. **Practical** [CPFM21, OROS+19]. **Precision** [FL16, LGD+14, WL10, YHK+21, Oli12, WWC+22]. **Predict** [AHSS+21]. **Predicting** [MOG+13]. **Prediction** [HNG09, KZB23, SDGL+22, AHAM+19, HGLS11]. **Preemption** [RDB+18]. **Preserving** [PVA+09, RHLK18]. **Pricing** [FT17, JTLC09, KLC11].

Primitives [HLN+10]. **Priority** [BAG15, KVK+11]. **Privacy** [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, CA23, IABV15, Kap16, KA21, LP15, 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, WBR16, YEC+09, Tak12]. **Processor-logic** [KD19]. **Processors** [FLM+17, GFBF12, SFNP23, VTN09, WPSI18, WBR18, IYY+11, LJS11, MLFS22]. **Product** [VDdSN23]. **Production** [UHU09]. **Productivity** [KGS15]. **Profiling** [EWL15]. **Profiling-Based** [EWL15]. **Program** [PD15]. **Program-Invariant** [PD15]. **Programmability** [GKM+12]. **Programmable** [AC14, BCW21, CAPA+09, DPHT19, GS10, HH24, HNM+22, OWMZ11, SCC10]. **Programmers** [LFS22]. **Programming** [GCL+23, LUX+21, MWK+12, SPM+10, WGGR17, AGY+11]. **Prospects** [LUX+21]. **Protected** [BDGH15, SG15]. **Protection** [EAAAA19]. **Protein** [JLB+08]. **Protocol** [ADSH18, SSK+23]. **ProtoFlex** [CPN+09]. **Provably** [GWPK20]. **Pruning** [LLYC24]. **PUF** [GHO17, SKB+22]. **PUFs** [MKP09]. **Pulsar** [WTS19]. **Pulses** [PEM+09]. **Purpose** [AJYH18, GFBF12, GPP08, LGD+14, ZDS+22]. **Purposes** [BHI15].

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

R [BPF+18, PP10]. **R3TOS** [IBH+15]. **Radiation** [KW22]. **Radiations** [SGM09]. **Radio** [PEM+09]. **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]. **Rapid** [HNG09, RGGW10, WPSI18, WCK21]. **RapidLayout** [ZCK22]. **RapidStream** [GMZ+23]. **RAT** [HNG09]. **Rate** [IABV15]. **RAW** [GC13, RVHP16]. **RC** [HNG09]. **Real** [ABCC09, BATM22, BHB14, CJH+24, GKLLA23, GWS23, GNM+15, HHSC10, INF+14, IBH+15, LLL+23, RDB+18, RMSK16, RHLK18, SLL+20]. **Real-Time** [ABCC09, BATM22, BHB14, HHSC10, INF+14, IBH+15, RDB+18, RMSK16, RHLK18, CJH+24, GKLLA23, GWS23, LLL+23]. **Real-world** [SLL+20]. **Realizable** [RGCL16]. **Realizable-Utilization** [RGCL16]. **Receiver** [BATM22]. **Recipes** [DGP10]. **Recoding** [ZCL15]. **Recognition** [DDH+11]. **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, 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].
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, VMV15, ZBC+09, ZMH+23, NSS+11, PDH11].
ReconROS [LP22]. **Reconstruction** [ASPP22, TZWZ15]. **ReCoSoC** [Hüb12]. **ReCoSoC'12** [VG14]. **Recovery** [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]. **Regular** [LT09, 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]. **RF** [GKLLA23]. **RFSoC** [GKGS23]. **RFSoC-based** [GKGS23]. **RIFFA** [JRHK15]. **Ring** [HBXA23, PRV21, YKBS10, LYH+23, ZH12].
Ring-Binary-LWE-based [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].

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]. **Scalability** [RDC+21, Tak17]. **Scalable** [BYB23, ASPP22, CPN+09, GCL+23, JYJC23, LML+23, MBJJ11, NEPV24, OWMZ11, RKV23, SLH+10, TYL+23, ZSP+21, ZBR12]. **Scalar** [TOS17]. **Scale** [CSK17, YCV+21, KD21]. **Scaling** [AZM+19, APR+22, 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]. **SDK** [TK16]. **SDM** [LL12]. **Search** [CNZ+18, WTS19, XCG+09, YXC+11]. **Searching** [PEM+09]. **Secondary** [MCC10]. **Secondary-Structure** [MCC10]. **Section** [Bak18, Bec14, BE19, CS17, CPW18, Deh20, GKK24, Ien23, Leo22, LH23, MST22, Sha22, SLD23, Che11, GC13]. **Secure** [GFBF12, KGT19, MKP09, VMV15]. **Security** [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]. **sensing** [ZH12]. **Sensor** [MDL+23]. **Sentential** [CSS+23]. **Separable** [LLYC24, LP15]. **Separation** [WBC16]. **Sequence** [JLB+08]. **Sequences** [PBPLA17]. **Sequential** [ES22]. **Serial** [UCR+19]. **Series** [KZB23]. **Serve** [AI22]. **Server** [MA24]. **Set** [GB11, WHJ+23]. **SHA** [MAK+12]. **SHA-256** [MAK+12]. **Shared** [MSF16]. **Sharing** [JMGI23]. **Shifter** [WAT15]. **Shifting** [DSB09]. **SHMEM** [AGY+11]. **Short** [CAG+22]. **Shrinkage** [WAS+23]. **Side** [GER19, GTS23, SG15]. **Side-Channel** [GTS23, SG15, GER19]. **Signal** [BHB14, DDH+11, SFNP23, SSC16]. **Signature** [MCL+23, ZHL+21]. **signatures** [LJS11]. **Significant** [LAA+17]. **Silicon** [UHU09, WHQ+08]. **Similarity** [KZB23]. **Simple** [US23]. **Simple-to-Operate** [US23]. **Simulation** [AB23, CZ09, MVGB15, RGGW10, TB10]. **Simulations** [CH10, CPN+09, MPK22, MHS09, SLH+10, SC08]. **Single** [CSK17, 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]. **SMP** [MSF16]. **SoC** [LBRS16]. **SoCs** [BF23, GHWS22, IF23, MCD+18, WGGR16]. **Soft** [AB14, AJYH18, CBFM14, DVK15, Kap16, LA17, LFS22, MLFS22, PD15, TOS17, WPSI18, WBR16, WBR18, YEC+09, LJS11]. **Soft-Error** [DVK15, PD15]. **Soft-Processor** [LA17]. **Soft-processors** [MLFS22]. **Software** [AB23, HHSC10, LUX+21, LFS22, ZHL+21, HH13, SC11]. **Software-defined** [LUX+21]. **Software-like** [AB23]. **Software/Hardware** [ZHL+21]. **solver** [ZBR12]. **Solving** [GFL+15, GPP08, KM10]. **Sort** [SZKR22]. **Sorting** [SP20]. **Source** [DC16, FL16, SGNB08, ZML+22]. **Space** [JCG+12, JYJC23, LZF+10, LT09, MZLS20, SGW20, SGC21, SCY+23, HLL08]. **Sparse** [DDB+10]. **Sparsification** [WAS+23]. **Sparsity** [YHK+21]. **Spatial** [SGM09, TYL+23, ZG16]. **Special** [Bak18, Bec14, BE19, CS17, CPW18, CWBD09, DH08, DC16, Deh20, ENPR22a, ENPR22b, GKK24, GPP08, Hüb12, Ien23, KZ23, LGD+14, Leo22, LH23, MST22, Sha22, SLD23, VG14, Che11, GC13, AC14]. **Special-Purpose** [GPP08, LGD+14]. **Specialization** [DVH+15]. **Specializing** [MHT+21]. **Specific** [DDH+11, PMKM11, RLM+17, WYZ16, LJS11, SLL+20, SFT+23]. **Spectral** [LML+23]. **Speculation** [CTH16, THK12]. **Speed** [BS15, HBA+15, NW11, ZBC+09]. **Spiking** [MFOM23, PFL22]. **SQL** [ZBB+16]. **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** [ZG16, GDHG11]. **States** [BAMR13]. **Static** [CW09, DRHM22, LAL13]. **Statistical** [CXG+12, MOG+13, SB08, WSDH23]. **Status** [LUX+21]. **Stealing** [RLM+17]. **Stencil** [JB15, RDC+21, TYL+23]. **Step** [BPFD11]. **Stereo** [JM14, KVV24]. **Stopping** [AB20]. **Storage** [DLBM18, SZKR22]. **Storage-** [DLBM18]. **Strategies** [MCL+13, PCFM23]. **Strategy** [DCL+22, KMK+10]. **Stratix** [SMOP15, KVV24, LNGP22, SMOP15]. **Stream** [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, 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** [UHU09, AGY+11]. **Superconducting** [GKGS23]. **SuperDragon** [TZWZ15]. **Superscalar** [WBR18]. **Support** [GdLlG+14, MSF16, PSM+14, PBPLA17]. **Supporting** [DNL19, QMG+24, SSF+13]. **Suppression** [MHK+08]. **Survey** [CA23, GB11, GZY+18, PCFM23, PDH11]. **SW** [MCL+23]. **SW/HW** [MCL+23]. **Switch** [BMR16, KA21, NI24, PMGL22, SY24, SKW+21].

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