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Title word cross-reference

+ [GL08]. 2 [BPCC09, LP15]. 3 [JB15, SPS12, TZWZ15]. k [TK16]. QR [ZCL16].

-D [SPS12]. -Means [TK16].

11th [AC14]. 15th [DH08]. 19th [GC13].


5 [AKA09]. 5.0 [LJ+11].

7.0 [LGW+14]. 7th [VG14].
A-Port [PVA+09]. Abstraction [IBH+15]. Abstractions [IPC14].
Academic [MWL+15]. Accelerated [MHS+19, MCC10, BE19].
Accelerating [JLB+08, TZWZ15, VL11, ZG16]. Acceleration
[CAPA+09, CBR+14, CZ09, KLC11, MCD+18, PFC15, PBPLA17, TK16, WTS19, WMG+10, XCG+09, YOY17, YBS16, ZBR12]. Accelerator
[CNZ+18, LDJ+17, YEC+09, YGH+18, ZZJB13, YXC+11]. Accelerators
[GZY+18, JRBK15, UNBR14]. Access [LYZ+18]. Accesses [PFC15].
Accumulator [WS16]. Accuracy [DHL+18, KY18, LP15, UNBR14].
Accurate [CSK17, DLBM18, JM14]. Adaption [BHI15]. Adaptive
[CNE+15, INF+14, JCG+12, NNY12, OVI+12, PMC+14, Tak17, ZCL15, Tak12, DGP+15]. Adder [PBBP18]. Adders [HU10]. Adding
[PSM+14]. Addition [CAPA+09, OBD13]. Addition-Related [OBD13]. Adjustable
[ZWM19]. Adjustment [NW11]. adventure [RD11]. Aerial
[CZ09]. Aerospace [WGGR16]. AES [DG10, HF14]. against [LOM10]. Agent
[GMBC17]. Agreement [ADSH18]. Algorithm
[CBR+14, EWL15, RLY+15, Ste10, TL11, TK16]. Algorithm/Architecture
[EWL15]. Algorithms [CW09, LRA13, NSS+11]. Alignment
[JLB+08, MCC10, OBD13]. Altera [SMOP15, TK16]. Amenability
[HCG+09]. Analysis [BPFD11, CCF+18, CFBS15, CKG+10, MMT09, PPR+10, RGW10, RGL16, RMSK16, SB08, GP13, Tak12]. Analytical
[KSC10, LAL13, DW13, HGL11]. Analyzing [GSJC13]. Application
[ABCC09, BBND10, CM14, DDB+10, GdLG+14, JSC14, KGS15, LJS11, MWK+12, PMKM11, RCU11, VTV09, WY16, WMG+10, YFW+17, SSF+13]. Application-Optimized [YFW+17]. Application-Specific
[PMKM11, LJS11]. Applications
[AZM+19, CFBS15, CKG+10, GKM+12, KMB09, KCC+14, LZF+10, LBR16, NJLW14, PSM+14, PVB13, WHQ+08, KSG11]. Applying
[NSS+11]. Approach [CM14, KM10, LYZ+18, MWK+12, NBS13, SBC15]. Approaches [MVG15, SAD10]. ARC
[BAG15, DB15, GSCB15, SB15, WBAM10]. ARC’08 [CWBD09].
Architecture [ADSH18, ATJJ16, BCE+10, CGX+12, DS15, EWL15, FT17, GMBC17, IZO+10, IBH+15, KLD16, KSC10, KAL14, LGW+14, OWMI11, PFC15, PB18, SBC10, SB15, Tak17, VL11, WS16, XJD+16, ZCL16, DW13, LKJ+11, Oli12]. Architectures [BBND10, BDX+19, CBC+12, DS09, GC13, JTL10, KY18, LAL13, LFN+18, YB18, HLL08]. Area
[DD15, KY18, Tho15]. Area-Efficient [DD15, Tho15]. ARISE [VTN09].
Arithmetic [SCC10]. Array [SLH+10, ZCL16]. Arrays
[DPHT19, SCC10, ZHI12]. Artificial [KAL14]. ASIC [BYB18]. ASIP
[ADSH18]. Automata [BDX+19, MHS09]. Automated

Bandwidth [BBND10, SLH+10, USY17, BC11]. Bandwidth-Reduction [SLH+10]. Based [AL16, BAG15, CBFM14, CZ09, DGP+15, DL09, EWL15, GDHG11, GHO17, HLN+10, JCG+12, JTLC09, Kap16, KBT09, KD10, KGS+12, LBRS16, LZ19, LT09, LL12, MVGB15, NNY12, OVI+12, PPR+10, RC10, SLH+10, SB15, TYB18, USY17, WGGR16, YOY17, ZCL16, ZBC+09, ZNA+18, ZBB+16, AHM+19, EA11, GZY+18, HLL08, LZF+10, LFN+18, MBJJ11, Ste10, WTS19, YXC+11, ZBR12, ZQ19, KP14, UNBR14, ZZJB13].


Circuitry [GGR+18]. Circuits [BMR16, CBC+12, DL09, SC08, SV09, Ste10, WBR16, WBR18].


Decomposition [ZCL16]. Decompression [KBT09, PP10].
Decomvolutional [LFN+18]. Deep [BPF+18, CPW18, LDJ+17, RHLK18].
Defragmentation [FKS+12]. Delay [LOM10, MHK+08, SC08, WYZ16].
Delays [GNM+15, WSC09]. Demands [RUC11]. Dense [RC10, RMSK16].
Designing [AHL+14, FK08]. Designs [BPCC09, DD18, DHL+18, DB15, RLM+17, WYZ16]. Desktop [LYS+08].

ECC [DL09, GS10]. Edition [DH08]. editor [AN09, Che19].
Editor-in-Chief [Che19]. Editorial [CDM15, Che19, DH08, GSCB15, WBAM10]. Editors [SJT09]. Edwards [ADS18]. Effect [HLC+15]. Efficiency [BYB18, DPHT19, PBPP18].
Efficient [BMR16, BGSL17, DD15, DLBM18, FT17, FK08, HU10, KSCC10, KD19, LYZ+18, MCD+18, PPPLA17, RLY+15, RLM+17, SLH+10, Tho15, CA11].
Electrical [KGT19]. Electrical-level [KGT19]. Electromagnetic [SGM09].
Electron [TZWZ15]. Element [MVGB15]. Elementary [LGD+14].
Elimination [NCJ+15]. Elliptic [GPP08, KBM09, SG15]. Embedded [BH15, Kap+16, KBT09, WPSI18, WHQ+08]. Emulation [CSK17].


Floorplan [KSCC10]. Floorplanning [MSSM10]. Flow [BNW+10, BMR16, BHB14, GKM+12, KA17, RLY+15, SCC10, ZG16]. Footprint [CW09]. FPGA [AZM+19, ABC09, BCE+10, BAG15, BPFD11, BDGH15, BE19, BYB18, CA11, Che11, CW09, CCF+18, CSK17, CZ09, DW13, DVK15, DHL+18, DNL19, DL09, EAAAA19, FR+15, FLM+17, GP13, GBF12, GMBC17, GJ13, GER19, GROG, GHO17, GZ+18, HF14, HGLS11, HC13, IPC14, JCG+12, JRHK15, JCCM09, JM14, KLD16, KLC11, KM10, Kap16, KMB09, KV+11, KMK+10, KY18, KAL14, KA17, KG15, KBT09, KD10, LA17, LCS14, LW10, LZ+10, LGD+14, LAL13, LDJ+17, LFN+18, LO10, LK+11, MCD+18, MAK+12, MN+12, MI+09, NNY+12, PWP+16, PD11, PAB09, PMK11, PB18, PEPLA17, RC10, SLH+10, SB15, SC08, SY09, TL11, Tho15, TB10, USY17, UNBR14, WTS19, WYZ16, WH+08, WGG16, WGG17, XCG+09, YXC+11, YB18,
YOY17, YGH+18, ZBR12, ZZJB13, ZQ19, ZBC+09, ZNA+18, ZBB+16].

FPGA-accelerated [BE19]. FPGA-Array [SLH+10]. FPGA-Aware [LCS14]. FPGA-Based [UNBR14, ZZJB13, CZ09, GHO17, JCG+12, Kap16, KBT09, LT09, NNY12, RC10, SB15, USY17, WGGR16, YOY17, ZNA+18, ZBB+16, GZY+18, WTS19, YXC+11, ZBR12, ZQ19]. FPGA

[AB14, AKA09, AHAM+19, AJYH18, BKT14, BAMR10, BNW+10, BPCC09, BHB14, CAPA+09, CBFM14, CPW18, CGX+12, CPN+09, CFBS15, DH08, DHH+11, DD15, DGP+15, DGP10, DB15, HU10, HBA+15, KG17, KGT19, LLO+14, LOM10, LGW+14, MHK+08, MMNT09, MVGB15, MSSM10, MHS+19, OKA19, PANB11, PVA+09, PVB13, RVHP16, RLM+17, RDB+18, RHLK18, SGM09, SSI+13, SPS12, SB08, Ste10, SDM+18, SSC16, SMOP15, TYB18, VMV15, WSC09, WAT15]. FPGA

[AB14, AKA09, AHAM+19, AJYH18, BKT14, BAMR10, BNW+10, BPCC09, BHB14, CAPA+09, CBFM14, CPW18, CGX+12, CPN+09, CFBS15, DH08, DHH+11, DD15, DGP+15, DGP10, DB15, HU10, HBA+15, KG17, KGT19, LLO+14, LOM10, LGW+14, MHK+08, MMNT09, MVGB15, MSSM10, MHS+19, OKA19, PANB11, PVA+09, PVB13, RVHP16, RLM+17, RDB+18, RHLK18, SGM09, SSI+13, SPS12, SB08, Ste10, SDM+18, SSC16, SMOP15, TYB18, VMV15, WSC09, WAT15].

FPGA-Array [SLH+10]. FPGA-Aware [LCS14]. FPGA-Based [UNBR14, ZZJB13, CZ09, GHO17, JCG+12, Kap16, KBT09, LT09, NNY12, RC10, SB15, USY17, WGGR16, YOY17, ZNA+18, ZBB+16, GZY+18, WTS19, YXC+11, ZBR12, ZQ19]. FPGA

[AB14, AKA09, AHAM+19, AJYH18, BKT14, BAMR10, BNW+10, BPCC09, BHB14, CAPA+09, CBFM14, CPW18, CGX+12, CPN+09, CFBS15, DH08, DHH+11, DD15, DGP+15, DGP10, DB15, HU10, HBA+15, KG17, KGT19, LLO+14, LOM10, LGW+14, MHK+08, MMNT09, MVGB15, MSSM10, MHS+19, OKA19, PANB11, PVA+09, PVB13, RVHP16, RLM+17, RDB+18, RHLK18, SGM09, SSI+13, SPS12, SB08, Ste10, SDM+18, SSC16, SMOP15, TYB18, VMV15, WSC09, WAT15].

FPGA-Array [SLH+10]. FPGA-Aware [LCS14]. FPGA-Based [UNBR14, ZZJB13, CZ09, GHO17, JCG+12, Kap16, KBT09, LT09, NNY12, RC10, SB15, USY17, WGGR16, YOY17, ZNA+18, ZBB+16, GZY+18, WTS19, YXC+11, ZBR12, ZQ19]. FPGA

[AB14, AKA09, AHAM+19, AJYH18, BKT14, BAMR10, BNW+10, BPCC09, BHB14, CAPA+09, CBFM14, CPW18, CGX+12, CPN+09, CFBS15, DH08, DHH+11, DD15, DGP+15, DGP10, DB15, HU10, HBA+15, KG17, KGT19, LLO+14, LOM10, LGW+14, MHK+08, MMNT09, MVGB15, MSSM10, MHS+19, OKA19, PANB11, PVA+09, PVB13, RVHP16, RLM+17, RDB+18, RHLK18, SGM09, SSI+13, SPS12, SB08, Ste10, SDM+18, SSC16, SMOP15, TYB18, VMV15, WSC09, WAT15].
TB10, USY17, WBC16, WBR18, ZBC+09, MAK+12, PANBI11.

**High-Accuracy** [DHL+18]. **High-Efficiency** [PBBP18]. **High-Level** [CKG+10, HLC+15, IPC14, NBS13, OROS+19, WBC16]. **High-Order** [BGSL17]. **High-Performance** [CH10, EAGEG09, HNS+10, MH15, SPM+10, SSC16, TB10, USY17, WBR18, PANBI11]. **High-Speed** [BS15, ZBC+09]. high-throughput [MAK+12]. **Highly** [DLBM18]. HMAC [MAK+12]. Homogeneous [LAL13]. Hoplite [KG17]. Hybrid [DS15, RGCL16]. **HyperTransport** [SGNB08].


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

[IBH\textsuperscript{15}, YGH\textsuperscript{18}]. Layout [KY18]. LDPC [CA11]. Leakier [GER19]. Learning [AHAM\textsuperscript{19}, BPFP\textsuperscript{18}, CPW18, MCN12, RHLK18]. Least [FLM\textsuperscript{17}, PWP\textsuperscript{16}]. Length [LRA13, EA11]. Level [ASGY12, CKG\textsuperscript{10}, DD\textsuperscript{18}, DS\textsuperscript{15}, DL\textsuperscript{09}, GSJC\textsuperscript{13}, HLC\textsuperscript{15}, IPC\textsuperscript{14}, NBS\textsuperscript{13}, OROS\textsuperscript{19}, PVB\textsuperscript{13}, WBC\textsuperscript{16}, CA\textsuperscript{11}, KGT\textsuperscript{19}]. Leveraging [SC11]. libraries [KVK\textsuperscript{11}]. Library [WL10]. Licensing [EAAAA19]. Lightening [DLBM18]. LightNNs [DLBM18]. Lightweight [RD11]. Line [IABV15]. Line-Rate [IABV15]. Linear [WGGR17, ZBR12]. Linux [MSF16]. Lists [WAT15]. Lithographic [CZ09]. Load [DLBM18, THK12, RD11]. load-time [RD11]. Local [JSC14]. Logarithm [GPP08]. Logarithmic [BPFD11]. Logarithmic-Time [BPFD11]. Logic [AZM\textsuperscript{19}, DGP10, IZO\textsuperscript{10}, MHS\textsuperscript{09}, PABI\textsuperscript{09}, WBC16, KD\textsuperscript{19}, MBJJ\textsuperscript{11}, PMKM\textsuperscript{11}]. Long [GER\textsuperscript{19}, UHU\textsuperscript{09}]. Loop [DSB\textsuperscript{09}, DPHT\textsuperscript{19}]. Loops [PMC\textsuperscript{14}, PFC\textsuperscript{15}]. Low [DHL\textsuperscript{18}, DS\textsuperscript{15}, DPHT\textsuperscript{19}, FRS\textsuperscript{15}, HBA\textsuperscript{15}, KMB\textsuperscript{09}, KCC\textsuperscript{14}, KGS\textsuperscript{15}, ZBC\textsuperscript{09}, ZH\textsuperscript{12}]. Low-Complexity [FRS\textsuperscript{15}]. Low-Cost [DPHT\textsuperscript{19}, ZH\textsuperscript{12}]. Low-Level [DS\textsuperscript{15}]. Low-Overhead [DHL\textsuperscript{18}, KGS\textsuperscript{15}]. Low-Power [KMB\textsuperscript{09}, KCC\textsuperscript{14}, ZBC\textsuperscript{09}]. Low-Speed [HBA\textsuperscript{15}]. LUT [FK08, HF14, JCCM\textsuperscript{09}, LZ\textsuperscript{19}]. LUT-Based [LZ\textsuperscript{19}]. Machine [AHAM\textsuperscript{19}, KAL\textsuperscript{14}, GDHG\textsuperscript{11}]. Magnetic [TYB18]. Management [BBND\textsuperscript{10}, KP\textsuperscript{14}, LP\textsuperscript{15}, HZW\textsuperscript{13}]. Manager [OWMZ11]. Mapping [BBND\textsuperscript{10}, CTH\textsuperscript{16}, CNE\textsuperscript{15}, CM\textsuperscript{14}, CBR\textsuperscript{14}, JSC\textsuperscript{14}, JCCM\textsuperscript{09}, LZ\textsuperscript{19}, MCL\textsuperscript{13}, KVK\textsuperscript{11}]. Mapping-Scheduling [CBR\textsuperscript{14}]. MARTE [GdLG\textsuperscript{14}]. Masking [HF14]. Massively [JB\textsuperscript{15}]. Matching [XJD\textsuperscript{16}]. Matrices [RC\textsuperscript{10}]. Matrix [DDB\textsuperscript{10}, UCR\textsuperscript{19}, BC\textsuperscript{11}]. Matrix-Vector [DDB\textsuperscript{10}, BC\textsuperscript{11}]. Maximum [RLY\textsuperscript{15}]. Mean [FLM\textsuperscript{17}]. Means [TK\textsuperscript{16}]. Measure [BYB18]. Measurement [WSC\textsuperscript{09}]. Mechanism [SLH\textsuperscript{10}, SMOP\textsuperscript{15}]. Memories [AL\textsuperscript{16}, BDGH\textsuperscript{15}, DD\textsuperscript{15}, LLO\textsuperscript{14}]. Memory [BAMR\textsuperscript{10}, BAMR\textsuperscript{13}, CW\textsuperscript{09}, HF\textsuperscript{14}, JB\textsuperscript{15}, KLD\textsuperscript{16}, LYZ\textsuperscript{18}, MS\textsuperscript{16}, PFC\textsuperscript{15}, RGCL\textsuperscript{16}, THK\textsuperscript{12}, WBR\textsuperscript{16}, YFW\textsuperscript{17}, BC\textsuperscript{11}, LJS\textsuperscript{11}]. Mercury [JLB\textsuperscript{08}]. Merged [GRG\textsuperscript{08}]. Merging [JCCM\textsuperscript{09}, KD\textsuperscript{10}, LCS\textsuperscript{14}]. Meshes [BGSL\textsuperscript{17}]. Message [Che\textsuperscript{19}]. Method [NJLW\textsuperscript{14}]. Methodology [DGP\textsuperscript{15}, LBR\textsuperscript{16}]. Methods [AHAM\textsuperscript{19}, KSCC\textsuperscript{10}, SLH\textsuperscript{10}, BC\textsuperscript{11}]. Metrics [RGCL\textsuperscript{16}]. MHz [WBR\textsuperscript{16}]. Microarchitectural [LA\textsuperscript{17}]. Microarchitecture [WBR\textsuperscript{16}]. Microarchitectures [CCF\textsuperscript{18}]. MicroBlaze [MS\textsuperscript{16}]. Microcoded [GRG\textsuperscript{08}, PWP\textsuperscript{16}]. Microkernel [IB\textsuperscript{15}]. Microscopy [TZ\textsuperscript{15}]. Middleware [KGS\textsuperscript{15}]. Minimum [KY\textsuperscript{18}]. Minimum-Width [KY\textsuperscript{18}]. Mining [PBPLA\textsuperscript{17}, ZZJB\textsuperscript{13}]. Minor [CM\textsuperscript{14}]. Mitigating [KGT\textsuperscript{19}]. Mixed [AB\textsuperscript{14}]. mobile [NSS\textsuperscript{11}]. MOdel [KGS\textsuperscript{12}, AHL\textsuperscript{14}, LAL\textsuperscript{13}, MOG\textsuperscript{13}, MVGB\textsuperscript{15}, SPM\textsuperscript{10}, YBS\textsuperscript{16}, AGY\textsuperscript{11}, DW\textsuperscript{13}, HLS\textsuperscript{11}, PD\textsuperscript{11}]. MOdel-Based [KGS\textsuperscript{12}]. Modeling [GdLG\textsuperscript{14}, PVA\textsuperscript{09}, SC\textsuperscript{08}]. Modelling [YB\textsuperscript{18}]. Models [JTL\textsuperscript{09}, KY\textsuperscript{18}]. Modern [AHAM\textsuperscript{19}, CCF\textsuperscript{18}]. MODES [KGS\textsuperscript{12}]. Modifications [SDG\textsuperscript{12}]. Modular [AL\textsuperscript{16}, IPC\textsuperscript{14}, NBS\textsuperscript{13}, OWMZ\textsuperscript{11}]. Module
Module-Based [KD10, ZNA+18].


Multi [CAPA+09, GMBC17, HGLS11, JSC14, KGT19, LLO+14, LYZ+18, WMG+10].


Network [BYB18, CTH16, GMBC17, GZY+18, JSC14, KAL14, MHS+19].

Network-on-Chip [CTH16, JSC14]. Networks [AB14, BPF+18, CSK17, KD10, LDJ+17, LL12, MVGB15, PVA+09, PBBP18, TKH+19, HZW+13, LW08]. Networks-on-Chip [AB14, CSK17].

NEURAghe [MCD+18]. Neural [BPF+18, BYB18, GZY+18, KAL14, LDJ+17, MHS+19, PBBP18, TKH+19].


Open [SGNB08]. open-source [SGNB08]. OpenCL [TK16, WTS19].


Packing [AKA09]. Papers [LAA+17]. Parallel
[AV13, BAG15, JB15, SB15, SDM+18, SSC16, TZWZ15, YOY17].
Parallelism [INF+14, KLD16, PVB13, CA11]. Parallelized [LZ19].
Parallelizing [WAT15]. parameters [DW13]. Parametric [SC08]. Parser
[LBRS16]. Parser-Based [LBRS16]. Partial
[EAGEG09, GFBF12, GGR+18, RDB+18, PDH11].
Partial-Reconfiguration [GGR+18]. Partially [HHSC10, KMK+10, HH13].
Particle [BG08, CNE+15]. Partition [BS15]. Partitioning [LYZ+18, TL11].
Pattern [LYZ+18], Pay [EAAAA19]. Pay-per-use [EAAAA19].
Per-Module [DHL+18]. Perfecto [HLL08].
Performance [CH10, CKG+10, EAGEG09, HNG09, HNS+10, LP15, MH15,
PDH11, SPM+10, SDG12, SSC16, TL11, Tak17, TB10, TOS17, USY17,
UNBR14, WPSI18, WBR18, WGGR17, BC11, GP13, HGLS11, PANBI11].
Performance-Oriented [TL11]. Perl [LT09]. Perturb [GL08]. PEs
[GRG08]. PGAS [AGY+11]. Physical [INF+14, MVGB15, SMOP15].
PIMap [LZ19]. Pinch [DGP10]. Pipelined [KAL14, SV09, YOY17]. pixel
[OLi12]. Placement
[FRS+15, GSJC13, HHSC10, MVGB15, MSSM10, Ste10, GL08]. Platform
[BDX+19, KSG11, KD19, NNY12]. Platform-aware [KSG11]. Platforms
[CCF+18, CBR+14, GFL+15, GKM+12, RMSK16, SAD10]. Point
[HU10, KD10, OBD13, RC10, USY17, WL10, WS16, dDELVP13].
Point-to-Point [KD10]. Policy [SDG12]. Port [PVA+09]. Portability
[KGS15]. Portable [WS16, ZBR12]. Ported [LLO+14]. POWER
[KGS+12, CXG+12, DHL+18, KBM09, KCC+14, KP14, LAL13, MMMT09,
SLH+10, UNBR14, WGGR17, ZBC+09, EA11, LW08, KGS+12].
power-aware [EA11]. Power-Efficient [SLH+10]. POWER-EmulatorR-
[KGS+12]. POWER-MODES [KGS+12]. Practical [OROS+19].
Precision [LGD+14, WL10, Oli12]. Predicting [MOG+13]. Prediction
[HNG09, AHAM+19, HGLS11]. Preemption [RDB+18]. Preserving
[PVA+09, RHLK18]. Pricing [FT17, JTL09, KLC11]. Primitives
[HLN+10]. Priority [BAG15, KVK+11]. Privacy [RHLK18].
Privacy-Preserving [RHLK18]. Problem [GB11, GPP08]. Problems
[KM10]. Process [DB15, RDB+18, SB08, LKJ+11, SC11]. Processing
[BDX+19, BHB14, IABV15, Kap16, LP15, MVGB15, SDM+18, SSC16,
WAT15, YEC+09, ZBB+16]. Processor [CBFM14, KCC+14, KD19, LA17,
MKW+12, PWP+16, Tak17, WBR16, YEC+09, Tak12]. Processor-logic
[KD19]. Processors
[FLM+17, GFBF12, VTN09, WPSI18, WBR18, IYY+11, LJS11].
Production [UHU09]. Productivity [KGS15]. Profiling [EWL15].
Profiling-Based [EWL15]. Program [PD15]. Program-Invariant [PD15].
Programmability [GKM+12]. Programmable
[AC14, CAPA+09, DPH19, GS10, OWMZ11, SCC10]. Programming
Quantized [BPF+18], Quasi [TB10], Quasi-Monte [TB10], Query [ZBB+16], Queue [BAG15], Quipu [MOG+13].

R [BPF+18, PP10], R3TOS [IBH+15], Radiations [SGM09], Radio [PEM+09], Rail [HF14], RAMs [TYB18], Random [LOM10, RVHP16, SBC10, TL08, Tho15], Randomized [DL09], RankBoost [XCG+09], Ranking [KY18], Rapid [HNG09, RGGW10, WPSI18], RAT [HNG09], Rate [IABV15], RAW [GC13, RVHP16], RC [HNG09], Real [ABCC09, BHB14, GNM+15, HHSC10, INF+14, IBH+15, RDB+18, RMSK16, RHLK18], Real-Time [ABCC09, BHB14, HHSC10, INF+14, IBH+15, RDB+18, RMSK16, RHLK18], Realizable [RGCL16], Realizable-Utilization [RGCL16], Recipes [DGP10], Recoding [ZCL15], Recognition [DDH+11], reconﬁgurability [SC11], Reconﬁgurable [ASGY12, ADSH18, AV13, ATJZ16, BBND10, Bec14, BHI15, BDX+19, BHB14, CBC+12, CNZ+18, CTH16, CNE+15, CH10, CBR+14, CKG+10, DC16, DGP+15, DSB09, DDB+10, EAGEG09, FT17, FKS+12, GFL+15, GKM+12, GC13, GdLG+14, HCOB13, HHSC10, HN5+10, HLN+10, IZO+10, IBH+15, JCG+12, JTLC09, KMK+10, KCC+14, LYS+08, MH15, MKP09, MWK+12, MSSM10, NNY12, NBS13, NJLW14, Oli12, PP10, PD15, PFC15, RGGW10, RGCL16, RMSK16, RUC11, SPM+10, SJT09, SAD10, TL11, THK12, TL08, UAS16, UCR+19, UHU09, VL11, VTN09, VG14, WL10, WMG+10, ZBB+16, dDELVP13, AGY+11, BG08, GDH11, HLI08, HH13, IYY+11, KG11, ZH12], Reconﬁguration [BDX+19, DS15, EAGEG09, GFBF12, GGR+18, HNS+10, JSC14, KD10, LCS14, LZF+10, NW11, NCJ+15, PPR+10, RLY+15, RDB+18, VMV15, ZBC+09, NSS+11, PDH11], Reconstruction [TZWZ15], ReCoSoC [Hiib12], ReCoSoC’12 [VG14], Recovery [ZNA+18], Recursive [PWP+16], ReDCrypt [RHLK18], Reduce [PSM+14], Reducing [BAMR10, TOS17], Reduction [CW09, SLH+10], References [BAMR13], Regular [LT09], Regulator [AV13], Related [OBD13], relating [DW13], Reliability [DSK15, GH017], Reliable [IBH+15, JCG+12], Relocatable [HHSC10], Remote [BCE+10, MCN12, VMV15], Repair [GGR+18], Replacing [HBA+15], ReShape [NBS13], Reshaping [BHI15], Resilient [INF+14], Resistant [HF14], Resolution [ABCC09, SGM09], Resource [MHS+19, HZW+13], Resource-constrained [MHS+19], Resources [MOG+13], Restricted [KAL14], resynthesis [MBJJ11], Retargetable [UAS16], Reusable [JRHK15], Reuse [LYZ+18], RIFFA [JRHK15], Ring [YKBS10, ZH12], RIPL [SDM+18], RIVER [BHB14], RNA [MCC10].


[LDJ+17, RC10, MAK+12]. **Throughput-Optimized** [LDJ+17]. **TILT** [TOS17]. **Time** [ABCC09, BPFD11, BHB14, DNL19, HHSC10, INF+14, IBH+15, PPR+10, RDB+18, RMSK16, RHLK18, RD11]. **Time-to-Digital** [DNL19]. **Timing** [CXG+12, GGR+18, GNM+15, LRA13, MWL+15, Ste+10, WYZ16]. **Timing-Driven** [MWL+15]. **Titan** [MWL+15, PP10]. **Titan-R** [PP10]. **TMR** [ZNA+18]. **Tolerance** [DVK15, JCG+12]. **Tolerant** [BKT14, RLY+15]. **Tools** [BKT14, LKJ+11]. **Toolset** [KMK+10]. **Topology** [KG17]. **TR** [GDHG11]. **TR-FSM** [GDHG11]. **Trace** [DSK15]. **Trace-Driven** [DSK15]. **Traversability** [FRS+15]. **Tree** [BAG15, JTLC09, OKA19, PANBI11]. **Tree-Based** [JTLC09]. **Trees** [CAPA+09, PBBP18]. **TRETS** [Bec14, DH08]. **TRIP** [GGR+18]. **TRNGs** [YKBS10]. **Trust** [DL09]. **Trust-Based** [DL09]. **Tuning** [AV13, NJLW14]. **Two** [DL09]. **Two-Level** [DL09].

**ULP** [KCC+14]. **ULP-SRP** [KCC+14]. **Ultra** [KCC+14]. **UML** [GdLjG+14]. **UML/MARTE** [GdLjG+14]. **Unified** [WS16]. **Unit** [PP10, RUC11], **Units** [dDELVP13]. **Unpredictable** [BAMR13]. **Unrolling** [BS09, DPHT19, TKH+19]. **Unstructured** [BGSL17]. **UNTANGLED** [MCL+13]. **Update** [BCE+10]. **use** [BC11, EAAAA19]. **Using** [BAG15, CSK17, CPN+09, DL09, FK08, FRSS+15, GNM+15, LP15, NW11, PWP+16, RLY+15, RLM+17, RHLK18, TK16, WTS19, ZWM19, JSC14, KSCC10, MKH+08, PD15, PMKM11]. **Utilization** [RGCL16].

**Validation** [IPC14]. **Value** [THK12, ZG16]. **Variable** [IZO+10, WL10, Oli12]. **Variable-Grain** [IZO+10]. **Variation** [DB15, MKH+08, SB08]. **Variation-Aware** [SB08]. **Variations** [SC08]. **VBSME** [Oli12]. **Vector** [DDB+10, Kap16, YEC+09, BC11]. **Verilog** [KA17]. **Verilog-to-Routing** [KA17]. **Versatile** [PBPLA17]. **VFloat** [WL10]. via [CBC+12, LY+18, LZ19]. **Video** [ABCC09, LP15]. **Virtex** [AKA09]. **Virtex-5** [AKA09]. **Virtual** [HGW+13, GP13]. **Virtualizable** [HH13]. **Virtualization** [OVI+12]. **Vision** [JM14, NSS+11]. **VLIW** [LGM+14]. **Voltage** [AZM+19, DB15, NNY12]. **VPR** [LKJ+11]. **vs** [BYB18, TB10]. **VTR** [LGW+14].

**Wait** [BAMR13]. **Wave** [SV09]. **Wave-Pipelined** [SV09]. **WDDL** [MMMT09]. **Web** [CNZ+18, XCG+09, YXC+11]. **Weight** [PBBP18]. **Width** [KY18]. **WiMax** [SAD10]. **Window** [CFBS15, SSC16, WYZ16]. **WireMap** [JCCM09]. **Wires** [GER19]. **Within** [SC08]. **Within-Die** [SC08]. **without** [PB18]. **Work** [RLM+17]. **Workshop** [GC13, VG14, Bec14]. **Wotan** [PB18].
Years [LAA+17]. Yield [SC08].

Zynq [KD19, MCD+18].

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