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Title word cross-reference

$(2^n - 1, 2^{n+p}, 2^n + 1)$ [Hia17]. $(G(2^m, 4))$ [KP13]. (t, k) [CH13, Cha10a, CH11]. $+$ [BKV12]. 0 [XHX$^+$17]. $0 < l < r$ [KCK16]. 1 [HWG$^+$14, JSC10, MSK15, XHX$^+$17]. 10 [VAB14]. 2 [CMB13, CND$^+$18, EJ15, LJY$^+$15, RKZ16, SG12, TLP18, WHL17]. 2^n [Sou15]. $2^n + 1$ [HMC11, VD12]. 3 [AD10, ASS$^+$18, AVS$^+$14, CTH14, CCK$^+$16a, CCL$^+$18, CWTT13, DYW15, EDL$^+$14, EYBK15, HCY18, JKD$^+$19, KAH$^+$15, KKC15b, LJY$^+$15, LLW$^+$17, MWWT13, RVL$^+$14, SKEB18, SPC$^+$18, TMS$^+$14, TCHL18, WJY$^+$17, WZL$^+$17, XCF16, YEY$^+$16, YMG16, ZDYZ14]. 4 [PP16, Sou15, TAM$^+$16]. 5 [FGS$^+$13]. 8×8 [CND$^+$18]. ^{4} [ZLN11]. B^+ [FYSK14]. d [PRM16]. D^3 [YTD$^+$18]. η_T [BDE$^+$11]. F_3^m

[AH10]. $GF(2)$ [Ose11]. GF(2^m) [CLL$^+$14, Cil13, DJA14, WF12]. K [FG10, AD10, AD12, Amm14, Fen14, FEM$^+$18, HK13b, NTR14, YUGD14, YLA$^+$15, ZCL$^+$16]. L [CMB13]. $LFSR$ [Pom16a]. $\mathbf{F}_q$ [KCK16]. N [ADJG19, AMVOS$^+$15, AVS$^+$16, FG10, HK13b, Ose11, YM11, YUGD14, Zot10]. $n \times k(k \geq n/2)$ [MC11]. P [BCTV15, GT19]. $q \equiv lr^s(\mathrm{mod}\, r^{s+1})$ [KCK16]. r [KCK16]. s [KCK16]. T [KMM16, MCT19]. t/k [LXZH16, ZLXW15]. τ [ADJ12]. Z_N [LCwW10]. Z_q [EBE13].

-Approximation [SG12]. **-Ary** [HK13b, FG10]. **-Atomicity** [WHL17]. **-Automated** [SBMP18]. **-Based** [Pom16a]. **-Bit** [YUGD14]. **-Circuits** [BCTV15]. **-Connected** [SG12]. **-count** [MCT19]. **-Coverage** [AD10, AD12]. **-Covered**

PCZB11, PBE17, RCN11, UMN18, VTW16,
WLT⁺16, XLL⁺18].
Allocation/Deallocation [PCLN15].
Allocations [XLTZ11]. **Allocator** [PKY19].
Almost [WHL17]. **Alternating** [HFZ13].
Alternatives [YLGE14]. **ALU**
[AC11, HK15a, RTRM19]. **ALV** [ZZS10].
Always [TBC⁺17]. **Always-On** [TBC⁺17].
Ambient [JCY⁺13]. **Amdahl**
[CA12a, YMG16]. **Amplification** [SQJ⁺15].
Analysable [KAQC14]. **Analyses**
[LSSE15]. **Analysis**
[ADJG19, AXS⁺10, ABEP16, AS14, BM13a,
BBK10, BRN⁺15, BLB⁺19, BS14, BBB16,
BDB18, BMZ17, BTW13, CS11b, CLW⁺15,
CSW⁺15, CTL⁺17, CJ12, DMXY14,
DDNT19, FEM⁺18, FHL⁺18, GW16,
GGL⁺14, HB11, HTA10, HMA⁺10,
HGW⁺17, HL10b, Iko15, JRW⁺14, JKY10,
JJC14, KE19, KGP15, KAH⁺15, KKY⁺16,
LHC⁺14, LYK19, Lee17, LLL16, LDB⁺17,
LHL13a, LCW⁺16, LGS⁺18, LCY⁺19,
MKT⁺11, MTGM12, MMTM15, MHHS17,
MBD⁺17, MBB⁺17, MMAC19, MCXZ18,
MHML15, NDC⁺13, NRG15, OP15, PC10,
PFGB14, RZZ⁺15, RHC⁺14, RM15a,
RBG⁺19, SXLC15, SKEB16, SMB⁺15,
SX12, SZDL14, SCNS10, TS11, UMN18,
VSC⁺19, VALK19, WCM⁺16, WLZ10,
XWLX17, YYW⁺16, YLH10, YTM16,
ZICL12, ZJH⁺14, ZT15, ZWD⁺16, ZAG19].
Analysis-Based [RZZ⁺15]. **Analytic**
[BD15, Fin10, JAD⁺18]. **Analytical**
[EYBK15, GPN11, KM11, LLZ⁺17, LHL15b,
MYHL16, MKM14, SV18, SKEB18, SMA19,
VED⁺16]. **Analytics**
[HZW⁺12, KRP18, XYHD17, ZQZ⁺19].
Analyze [DS14]. **Analyzing** [WF14].
Anchored [BGHL19]. **Android** [CXLX15].
ANGEL [ZCYX15]. **Angle** [RS10].
Angular [YASS14]. **Annual**
[Ano11a, Ano11b, Ano12a, Ano13a, Ano14a].
Anomalies [KKT15]. **Anomaly** [VSF⁺17].
Anomaly-Based [VSF⁺17].

Anonymization [ZDP⁺15]. **Anonymized**
[PLZW14]. **Anonymizer** [LFJ⁺13].
Anonymous [FHH10, HLT⁺15, YLA⁺15].
Answers [SLLG15]. **Ant** [HCSW15].
Antecedence [SD13]. **ANTELOPE**
[HLJ14]. **Antenna** [CKH15]. **Antennas**
[GY16, GGL⁺14]. **Anti** [YGS15].
Anti-Attacks [YGS15]. **Any** [Wal19]. **AP**
[GY14]. **APC** [WS14]. **APIs** [SWWC11].
AppATP [LSL15]. **Application**
[AKL14, AK14, BRN⁺15, CCW⁺10, CH13,
CNJ14, cCWS14, DAS14, Fin10, GKB⁺10,
GCF⁺16, JCY⁺13, JKD⁺19, JRC14,
KKP⁺16, KCS⁺13, KL13, LKYC12,
LSA⁺17, LCHC14, LGMP10, MMCS18,
MGW14, MD16, MAG⁺17, MRW⁺15, MY10,
RBG14, SP16, SIB13, SRK⁺17, WMW12,
XJW⁺16, YLGD19, ZCZ⁺19, ZYY18].
Application-Adaptive [RBG14].
Application-Agnostic [JKD⁺19].
Application-Aware [KCS⁺13].
Application-Dependent [AKL14, KL13].
Application-Driven [LGMP10].
Application-Guided [SRK⁺17].
Application-Level [CCW⁺10].
Application-Specific
[JRC14, LSA⁺17, SP16].
Application-Support [LKYC12].
Application/System [JCY⁺13].
Application/System-Dependent
[JCY⁺13]. **Applications**
[ABB17, ALW11, AF14, ABEP16, AEP18,
BQP⁺16, BMP⁺10, BMM11, BDB18,
CLX14, CHLL16, CG18, DA12, FBE⁺18,
GJ14, GSX⁺13, GPR⁺19, HV12, HV13,
KTAvdS16, KKC17, KN13, LKYC12,
LGH15, LHH14a, MVB10, ML18, ÖDSS17,
PWTS16, PAC⁺12, QJM⁺10, RKR15, RQ14,
RNS13, SAR⁺11, SIVH16, TLGM17, VTA16,
WZZ10, WHL⁺12, WLQS13, YCCJ15,
YG10, YRG13, YHV13, YAGB17, ZCZL16,
ZCS16, ZCW18, ZT15, ZYL15, ZCY⁺16].
Applying [YY14]. **Approach**
[AD14, ABSK15, BR13, BC16, CWX⁺14,

MUMB11, VPS$^+$12, VSLD15, ZJS14].
Caching [CDQB15, HK15b, KJL11, KRP18, LOH17, MCC12]. **CaCo** [ZWW$^+$16]. **CAIF** [SDP$^+$15]. **Calculating** [WLG$^+$19]. **Calculation** [GPN11, SV18]. **Calibration** [DAPS14]. **Call** [Ano10c, Ano11c, Ano11d, Ano11e, Ano11f, Ano13d, CH14]. **CAM** [FAK16]. **Camera** [YASS14]. **Can** [HLC$^+$19, YGS15]. **Candidate** [Pom16b]. **Capabilities** [WJX$^+$19]. **Capability** [ABSK15]. **Capable** [LYH11]. **Capacitance** [FM16]. **Capacitated** [LSX13]. **Capacitive** [YEY$^+$16]. **Capacitor** [CLZ19]. **Capacitor-Powered** [CLZ19]. **Capacity** [CMS10, LK14, NZLK14, OP15, PDXZ13, SRCbL$^+$15, WJL$^+$12, WJL$^+$14, WLYY16, XHLW19, YCKH16, ZJS14]. **Capacity-Based** [NZLK14]. **Capacity-Independent** [YCKH16]. **Capital** [ZMW15]. **Cards** [AVS$^+$14]. **Carlo** [KN13, ZOD13]. **Carry** [DHM16, KT19, Lee17]. **Carry-In** [Lee17]. **Carry-Save** [DHM16]. **Cascaded** [CHC$^+$15, JWC12]. **Cascading** [HWSN15]. **Case** [AR17, BBK10, CCLH10, DZ10, FS10, HHC$^+$18, RCRK13, SD14, UVG16, VIDH19, WZLX12, WJL$^+$14, WRW16]. **Categorical** [PZZQ19]. **Cauchy** [CJK15, ZWW$^+$16]. **Caused** [HWK15]. **Cayley** [LGF$^+$15]. **CC** [RBG$^+$19]. **CCA2** [GV14]. **CCLS** [LCW$^+$15]. **CD** [ZMW$^+$19]. **CD-Xbar** [ZMW$^+$19]. **CDP** [YCL$^+$12]. **CDT** [AMR18]. **CDT-Based** [AMR18]. **CEDA** [VA11]. **Cell** [ALBP14, ASS$^+$18, KO14, NL19, ST16, WZL$^+$17, ZZX$^+$15]. **Cells** [ACM$^+$16, CJK19, Li12a, PRM19]. **Cellular** [KKS14, MSK15, YZH$^+$15]. **Center** [GWMB13, GY15a, GY15b, HLJ14, JRS$^+$15, LXL$^+$14, LW15, LSHC15, SLZX15, ZWH$^+$15, ZMW15]. **Centers** [AQPMS15, CLS14, CPL17, GZB$^+$15, GZG$^+$16, GCL$^+$13, JSE14, LGF$^+$15, Man16, PAP13, SMTK12, SHH$^+$16, WJM15, XLF15, YHT$^+$16, ZR15a]. **Centralized** [AD12]. **Centralizing**

[HPR16]. **Centric** [BQP$^+$16, DJO11, HWX15, LOH17, SLC$^+$15b, WZZ10, WLT$^+$16, YPB$^+$16]. **Certification** [Ano10d, Ano10e]. **Certified** [LB15b, MRD19]. **Certifying** [dDLM11]. **CGRAs** [JDA$^+$16]. **Chain** [KCY18, MTFK19, QZL$^+$16, TLL12, ZOD13]. **Chained** [IRMM$^+$16]. **Chains** [JDA15]. **Challenges** [Jun16]. **Change** [DY14, JSC$^+$19, LYB15, LKK$^+$19, NL19, PLM16, PP11, QML$^+$15, WSXZ13, ZZYZ14]. **Channel** [Bar16, BMZ17, BK12, CWZ13, CSS13, CYC11, CATB19, DP13, DKLB15, GYC$^+$16, HMZ$^+$14, HLY14, KASZ13, LGH15, LWY15, LFJ$^+$13, LLW$^+$17, LJL13, NDC$^+$13, RBG$^+$19, SKZS13, SMB$^+$15, STE17, SPTC15, WJL$^+$12, XWL$^+$16a, YMTV14, ZMB18]. **Channel-Based** [LLW$^+$17]. **Channel-Diverse** [LWY15]. **Channel-Hopping** [LWY15]. **Channels** [AP14, Cao12, KW14, LMB$^+$16]. **Character** [LPCW14]. **Character-Set** [LPCW14]. **Characterising** [HT16]. **Characteristic** [AK16, BDE$^+$11, LSG$^+$18, NR15]. **Characteristics** [HMZ$^+$14, LHL15b, VED$^+$16]. **Characterization** [DGC$^+$15, HWSN15, SKC$^+$14, TAH$^+$16, ZLH$^+$15]. **Characterizing** [DEE17, IS14, LLLJ13]. **Charge** [CCL$^+$18, NL15a]. **Charging** [ZWL15]. **Chasing** [LKLM15]. **Chebyshev** [PCHS14, ACO12, Gio12, LCwW10, LPW10]. **Checking** [CYHC14, FLS16, GCLC11, HSH$^+$10, HMC11, LYY16, LH12b, NS13, SP10, Sri10, WNCH17, XXBL17, ZYY10, ZZM$^+$15, CTS13]. **Checkpoint** [BTW13, KwPK$^+$15, LL11, LSA$^+$17]. **Checkpoint/Restart** [LL11]. **Checkpointing** [BCL$^+$17, ECJ$^+$16, HC13a, HCC$^+$18, JT15, LXDV17, SD13, ZYL15]. **Checkpointing/Restart** [ZYL15]. **Checks** [GBGI18]. **Checksums** [NC11, Red18]. **CHERI** [WJX$^+$19]. **Chief** [Lou19, Mon15a, Mon19]. **Chinese** [Fan16].

Chip [ABB17, Ano11d, Ano11f, ARS16, BKH⁺13, BPT10, CKKS14, CHC⁺15, CCE⁺18, CNJ14, CDK⁺18, CRK10, DMXY14, DAS14, DKLB15, DKG13, EDL⁺14, EYBK15, FBWMM13, FTP13, GCD⁺11, GC14, HMD⁺17, HJBM14, HCSW15, HWE⁺16, JKY10, JJZ⁺16, JWC12, JRC14, KC14, KSEG15, KK10, KLK⁺14, KGGJ14, KLC⁺16, KKY⁺16, KCL⁺16, KH14, LKS⁺14, LMJ14, LLX⁺17, LYJ⁺18, LKMSA16, MWW14, MNFA14, MMCS18, MKAY11, MD13, MKLW14, NVB16, OHCK17, PVKA14, PSND16, RMB⁺13, RVC⁺15, RRS⁺16, RKZ16, SKPK10, SDE⁺17, SRR⁺16, SIVH16, SMN⁺17, SC11, ST17, ST18b, STK16, VYEB18, VCG⁺12, WMW12, WXW⁺14, WWM16, WZM⁺16, WWT⁺18, WEH⁺19, WZCG16, WLS18, XCF16, YMK⁺17, YYC12, ZNL18, ZGY13, ZCY⁺16, ZMS13].
Chip-Level [KLC⁺16].
Chip-Multiprocessor [KGGJ14].
Chip-Multiprocessors [FBWMM13, LMJ14]. **Chips** [BMM11, TW10, YCK16, YLGD19].
Chunking [WLM15, ZFJ⁺17]. **CICQ** [JPLP13]. **Cipher** [BFMT16, CMLS15, GCS⁺13, HZ11, LYK19, ZAG19]. **Ciphers** [KE19, PDJ⁺19]. **Ciphertext** [ZHW15].
Ciphertext-Policy [ZHW15]. **Ciphertexts** [WQZ⁺16]. **Circuit** [CSS13, CCAM14, FNS16, JLLH19, LJ15, MCT19, NCD⁺17, NZ15, PSL17, RMKR12, YUGD14].
Circuits [AO12b, BCTV15, CL10, CPRH16, DSR15, FM19, FP19, FFL18, GM15, GM12, ISC15, KMM16, LB15a, LHL13a, MVB10, MBF18, NLRB17, NI11, SRCK10, UHSA17, WMG18].
Circulant [IRMM⁺16]. **Circulants** [KP13]. **Circular** [HK15b]. **City** [DHC⁺16, LDMQ16, WHBR16].
Clairvoyant [ZQZ⁺19]. **ClamAV** [OWP16]. **Class** [RLRL19]. **Classes** [ZYHZ16]. **Classification**

[BBH12, CXZ13, CW15, CW16, LMJ14, OPZ15, SDP⁺15, ST11b, WP16, YFJ⁺14].
Classified [HY12]. **Classifier** [YM11].
Classifiers [BMS12, BSS14, BSS15, KGV16].
Cleancache [VTW16]. **Client** [BSM⁺14, MAG⁺17]. **Client-Side** [MAG⁺17]. **Client/Server** [BSM⁺14].
Clients [GY14]. **Clifford** [FGS⁺13, KMM16]. **CLIM** [JRJ⁺18].
Clock [KAH18a, MOMT12, NL14, PPND17, Yam10, CXLL16, LBN14]. **CLOCK-DWF** [LBN14]. **Clocking** [NLRB17]. **Clockless** [BDDL18]. **Clos** [KC14, HMD⁺17]. **Closed** [KGC14]. **Closed-Loop** [KGC14]. **Closer** [Jun16]. **Cloud** [BDL⁺13, CLX14, CHLT14, CXYC16, CLW16b, DKW15, EFPC16, FLL14, GSG⁺15, HLJ14, HLF14, JSE14, JCM16, KKJH19, LLC⁺15, LYY16, LLXC16, LHH14a, LSL15, LRY⁺15, LLS⁺16, MSG14, Man16, MJWT16, MLOL15, ML13, PLP⁺13, PSM17, PR14, QML⁺15, RSNK17, SXCL14, SZW⁺16, SHH⁺16, TLH⁺16, VP14, WCW⁺13, WCH⁺15, WLK15, WRW16, XL16, XLL⁺14, XJW⁺16, XLJ16, YCCJ15, YCLH16, YTD⁺17, YLY15b, YLA⁺15, ZDP⁺15, ZLY15, ZWW⁺16, ZJL⁺16, ZYC16, ZLX⁺16, ZL16, ZL18, ZWC⁺18, ZGWC15, ZLYS15, Avr13, CSPC12].
Cloud-Based [LHH14a]. **Cloud-of-Clouds** [CHLT14]. **CloudGenius** [MRW⁺15].
Cloudlets [RSN⁺18]. **CloudMon** [WLLZ16]. **Clouds** [ALZ16, CLS14, CHLT14, GHL17, JT15, MNGV16, MRW⁺15, VP14, WBZ⁺15, WZL15, WLLZ16, ZCYX15]. **CLU** [ZJS14].
Cluster [LTVL15, QWB⁺13, WZK⁺19, YZHX12].
Clustered [AD12, BPG16, GSL10, USP⁺13, Yan14].
ClusterFetch [RLSK18]. **Clustering** [LCL15, PZZQ19, RD18, SH12].
Clusterized [GBO⁺16]. **Clusters** [ALZ16, CLOL18, DMK⁺15, HV14b, HQLX15, LZ15, ML18, MRW⁺15, QJM⁺10,

ZQQ11, ZMRQ11]. **CMOL** [ALW11].
CMOS [DCY⁺13, PN16, SB16, SRCK10,
WWY⁺16, ZCW18]. **CMOS-Compatible**
[DCY⁺13]. **CMOS-Type** [ZCW18]. **CMP**
[IB10, WSZ⁺16]. **CMPs**
[BGM⁺13, FAA10, GFAM11, JAKD18].
CNN [LJG⁺19]. **cNV** [WWY⁺16]. **Co**
[CI16, LH16, LDL⁺17, MBD⁺17, MRL⁺18,
MAHD18, SPTC15, ZJS14]. **Co-Channel**
[SPTC15]. **Co-Design** [LH16, MRL⁺18].
Co-Optimizing [ZJS14]. **Co-Scheduling**
[LDL⁺17, MBD⁺17, MAHD18].
Co-Transformation [CI16]. **Coalescing**
[WZK⁺19]. **Coarse** [JLKR19].
Coarse-Grained [JLKR19]. **Code**
[ADJG19, AFH⁺10, BKH⁺13, CJ12,
DLC⁺13, EKJ⁺10, FKMK16, FSL⁺17, HT12,
KSN⁺15, NL18, OGPK14, PLM16, SWWC11,
VGF16, XLX⁺14, YLP15, ZXX⁺14]. **Codec**
[SBB18]. **Coded**
[HQLX15, LS10a, TYY⁺16, ZLLX15].
Codes [ABA07, CDL⁺17, DRM16, EBE13,
HHKW12, HC17, HBAD14, Jha13, KW14,
KLLK11, LSXP14, MNK11, NL15a, NL15b,
NL16a, NL16b, PROM15, RV13, Red14,
Red19, RLRL19, SEY14, TW10, VAB14,
YCW11, YW12]. **Codesign**
[PvdGG12, PGvdG14]. **Coding** [BBH12,
CHLT14, CXYC16, CJ13, LCLL15, LLL15,
LLZ⁺17, NL19, SSKL16, SRK⁺17, SZG⁺18,
TYY⁺16, YY14, YCK10, ZWW⁺16, Kim15].
Coding-Based [LLZ⁺17]. **Coefficient**
[ADJG19]. **Coexistence**
[AVG⁺15, HWK15]. **Coflow** [ZWL⁺19].
Cognitive [BBVL14, YCCWC15].
Cognizant [KMJ⁺11]. **Coherence**
[AVG⁺15, ADC11, FBWMM13, GGFPG15,
KSEG15, LHH17, RCFP⁺12, ST17,
VYEB17, YRG13]. **Coherent** [MWLJ15].
Cold [LXJD15]. **Collaborative**
[ZWL15, ZLYS15]. **Collapsing** [PR10].
Collection
[CW10, DSW⁺14, LSK13, LWW11,
LDMQ16, LTW⁺12, RLX15, UMN18].

Collections [CYJ⁺10]. **Collective**
[HWS⁺17]. **Collectors** [ZMY11]. **Collision**
[BK12, CWZ13, MMP13]. **Collocated**
[HWK15]. **Collusion** [LSS13, RVH⁺16].
Colony [HCSW15]. **Column**
[LW17, LXW⁺19]. **Column-Based** [LW17].
Combat [LSS13]. **Combined** [BK12, Jes15,
PDJ⁺19, SMRM17, WF17, WE12].
Combining [SLL15]. **COMeT** [RCC14].
Command [GCAG16]. **Comment**
[GJ15, LCLL15, SCNS10, Tho12].
Comments [HWG⁺14, Jha13, Kim15,
Lee12, PCHS14, PCHS16, RM15b, ZM10].
Commercial [NY15, NYHB16]. **Commit**
[HPR16, JLKR19]. **Commits** [HPR16].
Commodity [CJA⁺16, RTL⁺18]. **Common**
[Pom12c]. **Communication**
[AKTB18, BR13, BS16, CCM14, CWF14,
CCW⁺10, CDK⁺18, DYHX16, GZG⁺16,
HXL11, KW14, KGP15, LHH14b, MTFK19,
MAHD18, QJM⁺10, RS13, SXLC15,
SMN⁺17, VECD13, VYEB17, WLQS13,
XWL⁺16a, YMT13, ZHW⁺16].
Communication-Aware [QJM⁺10].
Communications
[CWY13, LGH15, LT15, SSKL16].
Community
[FLJ14, LDB⁺17, XAYL15, XWH14].
Community-Aware [XWH14].
Community-Based [XAYL15]. **Compact**
[CCC15, CJK15, OMFH14, SBB18, SVAB14,
YP12]. **Compaction**
[Pom12d, Pom15c, RPM16]. **Comparable**
[WHZ⁺15, XHX⁺17]. **Comparative**
[AE11, HMA⁺10]. **Comparing** [Hie13].
Comparison [BLMM16, CCH15b, CCLH10,
HK13b, Li12a, PTD⁺12, YLL16].
Comparisons [CGT⁺15]. **Compatibility**
[LTP⁺14]. **Compatible**
[DCY⁺13, WWY⁺16]. **Competes** [CI16].
Competition [FLL14]. **Competitive**
[MFG16, MFG14]. **Compilation** [LK10].
Compiler [LHL⁺15a, MB12a, OKC13].
Compiler-Assisted [LHL⁺15a].

Compiler-Directed [OKC13].
Complement [LAAM11].
Complementary [Bai17]. **Complete**
[AGCD16, BS14, BJ12]. **Completely**
[LLM⁺15]. **Completeness** [KLT16, SP10].
Complex [AC11, BC16, PRBM13, SZW⁺16,
WE12, WEX14, XLS⁺12]. **Complexity**
[AH10, AO12b, ADOKM10, ARM13,
BNP10, BTW13, CHN14, GNSR14, HN11,
HMNN12, JCK15, KCRG14, LWW11,
OPAGS14, PCHS17, PCHS18, PRBM13,
PSL17, WTY⁺14, WS10, ZM10].
Complexity-Effective [KCRG14].
Component [CH11, CH13, FEM⁺18].
Component-Composition [CH11, CH13].
Components [FS10, MF14].
Composability [GRL⁺14]. **Composing**
[LTLC12]. **Composite**
[DKW15, LPD⁺16, MKRM11, ZL19, ZM10].
Composited [MG16, YMAG17].
Composition [AK15, CT13, CH11, CH13,
LH12a, LSSE15, SKPC15, SMCN18].
Compositional [VYEB18, ZZM⁺15].
Compound [SX12]. **Comprehensive**
[BGPV10, DZLP14, TAH⁺16]. **Compressed**
[BLN⁺15, LKK⁺17, LVJ16, ST17, WJX⁺19].
Compressing [PBV11]. **Compression**
[AKL18, DN11, DY12, Ged14, HL10b, JSA17,
KO14, KWC⁺16, KN11b, LYH11, LKK⁺17,
XDZ11, ZSP⁺19, ZLW⁺17, ZWL⁺19, dRV12].
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BG12, BBVL14, CLW⁺16a, CCR⁺17,
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KLLM12, LAAM11, LLQ⁺14, LQD⁺16,
LJ13, LJVJ18, MTFK19, MAHD18, Pom12c,
QLR⁺11, RS17, Rus13, TX16, TM18,
THGT13, WRW16, XP10, XYHD17,
YZHX12, YCCJ15, YLGD19, ZYC16].
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KN11a, LLW⁺18, MOS14, RMC⁺15, SH12].
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LNCX18, MFT⁺17, MOS14, NST14, NVB16,
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BKP16, Ano18a, Ano19a, CHTD19, DPO17].
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[BLKM⁺18, BD15, BCD⁺16, BBB⁺17,
CZ14, CvdBC18, DYW15, DYHX16,
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eDRAM/SRAM [VPS$^+$12]. **Edwards**
[LT14]. **Effect** [BD15, GC16, YMG16].
Effective
[BCK$^+$16, BTBB14, CXZ13, CCE$^+$18,
DCV$^+$12, GCL$^+$13, HS18, HLT$^+$15, JT15,

KCRG14, KCKL19, LYOB15, LY11, LK16a,
LVF19, ML13, MUMB11, SST12, SL14a,
SP12, WLK15, YTD⁺17, ZLY15].
Effectiveness [CRG⁺13, SLZX15]. **Effects**
[AEGH19, SRCK10]. **Efficiency**
[AEGH19, CCL⁺18, CKH15, Fen14, IPS17,
JDA⁺16, KKC17, LKK⁺17, LR18, LYCT10,
MYHL16, SLL15, ST17]. **Efficient**
[ALBP14, AO11, AYC16, ASE17, AP14,
AMG17, ASBdS16, Ano11c, BBPQ15, BS15,
BSS15, BPG16, BBB⁺17, BBH12, CVPS19,
CFR⁺14, CHN14, CXZ13, CDQB15,
CMLRHS13, CHH⁺13, CYJ⁺10, CM11,
CS15, CZP⁺16, CXLL16, CLCS19, CCRL19,
CJ13, CDK⁺18, CWCS15, DCCK17,
DHW⁺19, DCY⁺13, DZD⁺16, DKLB15,
DJA11, DCK16, DCL⁺11, DCV⁺12, DSY⁺15,
DZLP14, DNSS11, EKA17, ECJ⁺16, EM12,
FVV12, FZL⁺14, FAK16, FAA10, FSL⁺17,
GKB⁺10, GH11, GBO⁺16, GKS14, HB11,
HCL⁺14, HV14a, HNV19, HBCC13, Hia17,
HMC11, HC17, HNB⁺12, HQLX15,
HDYS16, HLA⁺17, ISC15, IDG⁺17, IBH⁺13,
JAKD18, JK15, JP13, JC11, JJZ⁺16, Joh17,
KMC17, KJL11, KLKL13, KLJ⁺14, KO14,
Kim15, KHPP16, KBO⁺19, KKC15b, KH14,
KAQC14, KA19, KCS14, KH10, LYH11,
LPL⁺13, LSC11, LP13a, LK15b, LKLM15,
LDP10, LXL⁺13, LCLL15, LGH15, LWF⁺17,
LHCL13, LCH13, LZ14, LCT11, LN12].
Efficient [LHYZ13, LLM⁺15, LSW15,
LXZ⁺15, LFH⁺16, LOC⁺16, LLD19,
LKMSA16, LJ13, LJ15, LJVJ18, LSXP14,
LCW⁺15, MWZ⁺17, MAG⁺17, MB12a,
MH15, MYW11, MBSSA19, MS12,
MKRM12, MC11, ML16, NZC11, OPZ15,
OPAGS14, PKC⁺17, PP14, PCHS18,
PAC⁺12, PP10, RMKR12, RURM18,
RBK⁺12, RS17, SRCK10, SVD18, SDMM12,
SJD⁺18, SRK⁺17, SG12, SZG⁺18, SWZG15,
TLH⁺16, TH11, TWTT11, TLB⁺17,
TCYH15, TM18, UMN18, USH19, VALK19,
VCB⁺13, VSF⁺17, WF17, WF12, WHZ⁺15,
WCM⁺16, WW16, WEH⁺19, WDSP12,

WQZ⁺16, WLG⁺19, XL16, XMH13, XHZ14,
XLTZ11, XLF15, YY10, YCW11, YMAG17,
YTD⁺17, YM11, YWQX15, YUGD14,
Yun12, YYP⁺16, ZD13, ZWX12, ZGY13,
ZWW⁺16, ZCL⁺16, ZLJ⁺17, ZCK19,
ZFHC19, ZMY11, ZYY10, ZHW15].
Efficiently [GJ14, LGH⁺17, OGPK14].
Effort [RMB⁺13]. **Eight** [SG13].
Eight-Approximation [SG13]. **Eisenstein**
[CCR⁺17]. **EJ** [FB13]. **Elaborate** [SSJ⁺18].
Elastic [CRJZ16, JT15, KKJH19, MBD11,
MD13, WBZ⁺15, YMK⁺17]. **Electrical**
[FM16]. **Electronic** [BC16]. **Element**
[MTGM12]. **Elementary**
[AFC10, FS10, LJ13, SDP11, dDLM11].
Elevation [CZS⁺19]. **Elevator** [DSPB13].
Elevator-First [DSPB13]. **Eliminating**
[LKBS16, UMN18]. **Elimination**
[RKN⁺18, XJFT16]. **Elliptic**
[ARM15, ADI11, AK14, BDE⁺11, CMRH17,
CZ16, GKB⁺10, LGH⁺17, LJL13, NR15].
ELmD [BDMLN16]. **Email** [XJW⁺16].
Embedded [ABB17, AAR19, ACM⁺16,
AEP18, ARGT14, BQP⁺16, BCSR14,
BM13b, BGRH15, Cha14, CSS13, CPRH16,
DA12, DSB13, DLC⁺13, EKJ⁺10, FSR⁺18,
FGS⁺13, FRB⁺18, GBO⁺16, HHLK12,
HC17, HT12, HLA⁺17, JLC10, KSS12,
KMLH11, KLJ⁺14, LSA18, LJVJ18, MW10,
MS15, MUMB11, MNK11, OKC13, PAC⁺12,
PC10, PBE17, QLH⁺16, SWF⁺19, TB15,
TKT16, VSF⁺17, WLC⁺15, ZGG⁺16].
Embedding [CMRH17, CS11a]. **EMC**
[SZZ⁺19]. **Emergence** [HJBM14].
Emerging [Ano13d, Ano13c, AISA16,
BMM11, CHTD19, DPO17, OOD⁺17].
Empirical [DJO11]. **Employing** [MPZ15].
Empty [MWLJ15]. **Emulation**
[AHK10, EGVFC⁺12]. **Emulation-Based**
[EGVFC⁺12]. **En-Route** [YLY⁺15a].
Enable [ACW⁺11]. **Enabled**
[KCL⁺16, LP17, LZZ16, QZL⁺16].
Enabling
[CLW⁺19, DYCG16, GLTC16, LLL15,

SNM16, WHL17, XLL⁺18, YHML16].
Enciphering [CMLRHS13, MLCH10].
Encoded [TAM⁺16]. **Encoder** [HHCH11].
Encoders [HHKW12]. **Encoding**
[CND⁺18, LCA10, LSXP14, SKZS13,
TAM⁺16, XHX⁺17, YCW11, Yun12].
Encoding/Decoding [YCW11].
Encodings [GJ15, HK13a, MVB10].
Encrypted
[KGV16, LQD⁺16, NBZP17, TM18].
Encryption [AEP18, BS14, BDMLN16,
CMO⁺16, CLW16b, DOS15, FHH10, FHR14,
HZ11, HC17, JSA17, KHPP16, LLC⁺15,
LB13, MRL⁺18, MBF18, MKRM10,
ÖDSS17, PRGBSAC19, RVH⁺16, RZZ⁺15,
SWF⁺19, WHC⁺15a, WQZ⁺16, XJWW13,
XJW⁺16, XHX⁺17, ZPM⁺15, ZHW15]. **End**
[CCV⁺11, CSJ⁺11, NLP⁺14, SXLC15,
SRCbL⁺15, YLH10]. **End-Link**
[SRCbL⁺15]. **End-to-End**
[CCV⁺11, NLP⁺14, SXLC15, YLH10].
Endomorphisms [AK14, LGH⁺17]. **Ends**
[PPB⁺14]. **Endurance** [DY14, FYSK14,
HJF⁺13, JSA17, PLM16, SYK14].
Endurance-Aware
[FYSK14, JSA17, SYK14]. **Energy** [AO12a,
AYC16, ASE17, AE11, Amm14, Ano11c,
AS16, BZ15, BPG16, BG12, BBB⁺17,
CFL⁺18, CSPC12, CA12a, CTD⁺16,
CKD⁺17, CKH15, CQ14, CKN14, CWCS15,
DHW⁺19, DCY⁺13, EM12, FAA10, GH11,
GKS14, GBD⁺15, HWZ⁺12, HV14a, HNV19,
HT12, HDYS16, HLA⁺17, IPS17, IDG⁺17,
JDA⁺16, JJK⁺11, JAJK15, JJZ⁺16, KMC17,
KLJ⁺14, KGGJ14, KKC17, KLK17, KCL19,
KSC⁺14, KKC15b, KA19, KLT16, LK15b,
LK16b, LKK⁺17, LR18, LTL14, Li12b,
LGH15, LBWH11, LHH14a, LSL15, LLD19,
LZW⁺15, LJVJ18, LBS15, LCLC19, MHK15,
ML18, MWZ⁺17, MBSSA19, MMH14,
NYHB16, NY19, OPZ15, OPAGS14, OKC13,
PAC⁺12, PP10, RMKR12, SC18, SDMM12,
SZZ⁺19, TH11, TFCY16, VPS⁺12, VSF⁺17,
WWY⁺16, WLJ⁺16, WCM⁺16, XTW15,

YZHX12, Yan14, ZLBB19, ZLG⁺15,
ZMW15, ZMRQ11]. **Energy-Aware**
[CSPC12, CKD⁺17, SZZ⁺19, TFCY16,
ZLBB19, ZMRQ11]. **Energy-Balanced**
[LBS15]. **Energy-Efficiency** [IPS17].
Energy-Efficient [AYC16, ASE17, BPG16,
BBB⁺17, DHW⁺19, DCY⁺13, FAA10,
GH11, GKS14, HV14a, HNV19, HDYS16,
HLA⁺17, IDG⁺17, JJZ⁺16, KKC15b, KA19,
LK15b, LGH15, LLD19, LJVJ18, MWZ⁺17,
MBSSA19, OPZ15, OPAGS14, PAC⁺12,
PP10, RMKR12, TH11, VSF⁺17].
Energy-Harvesting [AS16].
Energy-Saving [LHH14a].
Energy-Scalable [LJVJ18]. **Energy-Time**
[BG12]. **Enforcing** [WZL15]. **Engine**
[BDB18, CLS10, PWW⁺11, SLC⁺15b,
SWZG15, VSF⁺17]. **Engineering**
[HGL⁺15, LLK18]. **Engines**
[LCHX11, LB13]. **Enhance**
[CCY⁺16, FSPD17]. **Enhanced**
[CSCW13, JRW⁺14, KLC⁺16, ML13,
SMCN18, SC11, WLS18]. **Enhancement**
[CHH⁺13, HCY18, JSA17, LBWH11,
LLHC15, SMP16, ZZYZ14]. **Enhancing**
[JC11, KKC17, PCLN15, SMAR⁺19, ZOD13].
Enough [JAJK15]. **Ensuring**
[LYY16, MHK15]. **Enterprise** [XZL⁺19].
Enterprise-Level [XZL⁺19]. **Entropy**
[DEE17, GLH⁺19, KKT15, LB15b].
Environment
[KFB⁺15, LDL⁺17, WSZ⁺16].
Environmentally [MTBB10].
Environments [BMT14, CGJ⁺10, GW16,
HCD⁺16, HGCT13, KC13, LP13b, LWF13,
MFG14, WXS12, YHML16]. **EPC** [SDZ15].
EQAR [LY11]. **Equal** [DDNT19].
Equalization [TLGM17]. **Equalized**
[WMG18]. **Equilibrium** [BBVL14, Cro14].
Equivalence [PR10, ZYHZ16]. **Equivalent**
[BFP11]. **Era** [EKA17, HMR⁺17, YMG16].
Erase [CCL⁺18, JSH⁺17]. **Erasure**
[CJA⁺16, HQLX15, LS10a, LSXP14,
SZG⁺18, ZLLX15]. **Erasure-Coded**

TCK⁺18, ZYY18]. **Instruction-Based**
[ZYY18]. **Instruction-Level** [MKT⁺11].
Instruction-Set [LSA⁺17]. **Instructions**
[IS14, JL11, LSC11, USP⁺13].
Instrumentation [GBF⁺19, GDJZ18].
Instrumentation-Free [GDJZ18]. **Integer**
[ADJ12, CL10, CZS⁺19, CND⁺18, GNTS13,
MCT19, RV13, ROH17, TGNSC11,
UdDG⁺17, WHL⁺12]. **Integers** [MG11b].
Integral [ZOK⁺19]. **Integrated**
[ASS⁺18, CWZC13, CKN14, DYHX16,
DAPS14, GWMB13, LSW15, TS11, ZLYS15].
Integrating [HSH⁺10, WZZ10].
Integration
[ALW11, DFP⁺13, LKK⁺19, LVF19, VGF16].
Integrity [JCM16]. **Intelligence**
[JRP⁺14, SLC15a]. **Intelligent**
[FMTK19, MFT⁺17, STK16]. **Intensive**
[RLSK18, WSZ⁺16, WGR⁺14, YZHX12].
Inter [cCWS14, SMN⁺17].
Inter-Application [cCWS14]. **Interacting**
[YMT13]. **Interaction** [TZL⁺14].
Interactions [cCWS14]. **Interactive**
[ZT15]. **Interconnect** [KL13, ZGY14].
Interconnected [LKT13].
Interconnecting [LW15]. **Interconnection**
[CMB13, CTD⁺16, FB13, SRR⁺16,
SMN⁺17, Ste14]. **Interconnects** [AKL14,
DCY⁺13, FAA10, HJBM14, PVKA14, SC18].
Intercore [WLQS13]. **Interdependent**
[HWSN15]. **Interface**
[DDN14, DRS⁺16, SBP⁺14].
Interface-Based [DRS⁺16]. **Interfaces**
[Hie13]. **Interference** [HWK15, LGF⁺15,
PC10, XWL⁺16a, XLL⁺14, XLJ16].
Interference-Aware
[XWL⁺16a, XLL⁺14, XLJ16]. **Interlaced**
[FF16]. **Interleaved** [KVV10].
Interleaving [CVGZ15, KS10a]. **Internal**
[GJ15, HK13a, KWC⁺16]. **Internet**
[CLX14, CAGM14, LHH14b, LGH⁺17,
PPB⁺14, XLF15, YZF⁺10].
Internet-Based [CAGM14]. **Internode**
[YLA10]. **Interplay**

[DA12, GHK15, HXL11, ZZX⁺15].
Interpolation [WEX14]. **Interrupt**
[LLW⁺11]. **Interrupts** [LLW⁺11]. **Interval**
[Joh17, RT14]. **Intra**
[SRR⁺16, SMN⁺17, WZK⁺19]. **Intra-Chip**
[SRR⁺16, SMN⁺17]. **Intra-Cluster**
[WZK⁺19]. **Introducing** [SAR⁺11].
Introduction
[AHI12, AISA16, BKPMC13, BMM11, BS10,
BCS11, BdD19, EM12, GC14, GM11,
HMO⁺17, LLK18, MG11a, MOS14, NST14,
ST11a, VP14, ZMS13, Avr13]. **Intrusion**
[AHNT16, CH14, PBT13, VSF⁺17].
Intrusive [TJX⁺17]. **Invalidations**
[ADC11]. **Invariant** [MG11b]. **Invasive**
[ADJG19]. **Inventory** [CKN14]. **Inverse**
[MKRM11, PCLN15, RMERM19]. **Inverses**
[Dum14, Wal19]. **Inversion**
[BT16, DJA14, LLHC15]. **Inversions**
[JDA15]. **Investigating** [Amm14].
Investigation [CJ12]. **Invocation** [RQ14].
IO [SKC⁺14]. **IoD** [DHC⁺16]. **IOMMU**
[VMB19]. **IP**
[CLS10, CKKS14, HY12, HH17, JP13,
LYS10, LS10c, ML16, WZBB15, YZGG16].
IPs [NDG⁺17, BFP11]. **IPv4**
[KCS14, LP12]. **IPv4/IPv6** [KCS14].
IPv4/v6 [LP12]. **IPv6** [KCS14]. **Iran**
[JGG⁺14]. **Irreducible** [Fan16, HF15]. **ISA**
[GGSPM18, MIS⁺14, TCHL18]. **Ising**
[ZCW18]. **Islands** [OKC13]. **Iso** [SRHC12].
Iso-Power [SRHC12]. **Isogeny** [BF19,
FHLOJRH18, KAK18, LNL⁺19, ZSP⁺19].
Isogeny-Based [BF19, KAK18, ZSP⁺19].
Isolation
[HGCT13, MGdC⁺18, WZL15, YYP⁺16].
Isomorphism [ZYHZ16]. **ISRA** [LBWH11].
ISRA-Based [LBWH11]. **Issue**
[GC14, HMO⁺17, LLK18, VP14]. **Issues**
[RT14, TKL⁺14]. **Iteration**
[Dum14, FMTK19, PP16, Wal19].
Iterations [BBK10]. **Iterative**
[CG18, FTP13, TC16, VB13]. **Itinerary**
[LLCH13]. **Itinerary-Based** [LLCH13].

Logarithm [Bra10, LP17, VB13].
Logarithmic [AC11, CHCK12, FML10,
KBP13, LOC⁺16, LJ15]. **Logarithms**
[LOC⁺16]. **Logging** [YHT⁺16]. **Logic**
[AR12, AD16, AGCD16, BDDL18, BGPV10,
Cil11, CCLH10, EKA17, EFPC16, ISC15,
Ibr16, LWK11, NI11, NYHB16, Pom14,
PSL17, QLR⁺11, RMKR12, RZZ⁺15,
RLRL19, ST12, SKM⁺13, Tho15, TLL12,
ZMR⁺13, ZJH⁺14]. **Logic-Chain** [TLL12].
Logical [LLQ⁺14]. **Logics**
[FLS16, GSF⁺10]. **Long**
[WXLL13, WXLY15, XLW14].
Long-Bounded [XLW14]. **Longest**
[CWZC13, LLLP14]. **Look** [DJN17].
Lookup [HY12, JP13, LP12, LYS10, ML16,
dLSGDR17]. **Lookups** [CLS10, CKKS14].
Loop [BBK10, CS11a, DZ10, EFGT18,
GLXY13, KGC14, QLH⁺16]. **Loop-Abort**
[EFGT18]. **Loop-Based** [DZ10]. **Loosely**
[PBL16]. **Loss** [KCY18, SRR⁺16].
Loss-Aware [SRR⁺16]. **Lossless** [XDZ11].
Lossy [DN11, GDY15, LLZ⁺17, dRV12].
Low [AH10, ACW⁺11, AVS⁺14, AS12,
ARM13, BDDL18, BR13, CMLS15,
CSCW13, CJA⁺16, CLL⁺14, CJK19,
CYL⁺14, FFISC13, FHW18, GC16,
GNSR14, GHG⁺14, HN11, HK15a, HMS⁺12,
JCK15, JHQL16, JLLH19, KLK⁺14, KBP13,
KHZ17, LK15a, LYS14, LCL17, LOC⁺16,
MKT⁺11, MKFM13, MAD14, MKAY11,
MKRM11, NCD⁺17, NC11, ORBM13,
OPAGS14, OKD⁺16, PLM16, PvdGG12,
PPP13, PRBM13, PROM15, QSYS16,
QLH⁺16, RZPX19, RBMO11, RM15b, SP16,
SKH16, SL10, SR14, SBI12, TW10, TKT16,
WWY⁺16, XJFT16, YAG19, ZOK⁺19,
ZM10]. **Low-Complexity**
[ARM13, OPAGS14]. **Low-Cost**
[HK15a, HMS⁺12, MKFM13, TKT16].
Low-Duty-Cycle [GHG⁺14]. **Low-Error**
[LOC⁺16]. **Low-Latency**
[CLL⁺14, FFISC13, LYS14, MKAY11,
QSYS16, RZPX19, RM15b, SL10].

Low-Level [MKT⁺11, OKD⁺16].
Low-Memory [LYS14]. **Low-Overhead**
[KLK⁺14, PPP13]. **Low-Power**
[GC16, JHQL16, JLLH19, KBP13, LK15a,
LCL17, MKRM11, NC11, PvdGG12, SP16,
SKH16, YAG19]. **Low-Profile** [AVS⁺14].
Low-Voltage [ACW⁺11]. **Lower** [Fuj11].
LRW [CFMA19]. **LS** [QGPZ13]. **LS-Sig**
[QGPZ13]. **LU** [JC12, WDSP12].
Lubricating [TZL⁺14]. **Lyra2** [ASBdS16].

m* [AKJ⁺13]. **m*-Tree** [AKJ⁺13]. **MAC**
[Kim15, LCLL15, CCRL19, CJ13, DMA⁺15,
HWK15, HWX15, LMC⁺15, SMB⁺15].
Machine
[JJK⁺11, LT15, MSG14, Man16, RSN⁺18,
VTW16, XLJ16, ZRS⁺16, ZL18, ZJXL11].
Machines [APP12, DKW15, ECJ⁺16,
Hie11, Hie13, JAS⁺15, JKJ⁺10, KJL11,
KP15, KT12, LLQ⁺14, Pip11, SCSL12,
SP10, WGLL13, WZL15, WLLZ16, XLL⁺14].
Macho [MHK15]. **Macro** [JC11].
Macrocell [SBP⁺14]. **Macrocells**
[VPS⁺12]. **Macrochip** [ZGY14].
Macroprogramming [PP10]. **MACs**
[AP14]. **Made** [SD18]. **Magnetic**
[WFY⁺17]. **Magnitude** [EBE13, KN11a].
Magny [RCFP⁺12]. **Magny-Cours**
[RCFP⁺12]. **Main** [GBGI18, HNV19,
HZX⁺14, JYL⁺17, SMA19]. **Maintaining**
[LHC⁺14, LXL⁺13, LcZLG19, RHC⁺14].
Maintenance
[CSJ⁺11, FEP⁺12, LCX⁺16, SLC15a].
Majority
[AGCD16, PSL17, RLRL19, TSA⁺19].
Majority-Logic [AGCD16]. **Making**
[XLL⁺14]. **Malicious** [SWWC11, TM18].
Malleability [MBC⁺13]. **Malleable**
[SIVH16]. **Malware** [CXZ13, OKD⁺16].
Malwise [CXZ13]. **Managed** [ASE17].
Management
[AO11, AE11, ARS16, BLN⁺15, BBP⁺13,
CVPS19, CK11, CCY⁺16, CKH15, CGL⁺13,
CCP⁺13, Cro14, DYW15, DA12, DGC⁺15,

Multi-Tenant [ZGWC15].
Multi-Threaded [TLGM17].
Multi-Threading
[CvdBC18, MS15, RCC14]. **Multi-Tier**
[LZW⁺15]. **Multi-User**
[HCD⁺16, YCCJ15]. **Multi-Version**
[WLC⁺15]. **Multi-Way** [CLW⁺15, DY14].
Multi/Many [WTZ⁺19].
Multi/Many-Core [WTZ⁺19].
Multiagent [Ano13g, KMLH11].
Multibeam [GGL⁺14]. **Multibyte**
[AMG17]. **Multicast** [ADOKM10, FG10,
GY16, GY13, GGL⁺14, GY15a, GY15b,
LXL⁺14, LHYZ13, SMG14, TH11, TC14,
WJL⁺12, WS15, WLS18, XCF16].
Multicast-Based [XCF16]. **Multicasting**
[SO10, XWY10]. **Multichannel**
[LWF13, XLTZ11]. **Multichip** [SMN⁺17].
Multicore
[BTBB14, CLS14, CCH11, CS11b, CWCS15,
DSKH15, DW10, FJA⁺17, GJ14, GCD⁺11,
GGSPM18, HWZ⁺12, HV12, HV14a,
HBR11, IHR⁺16, JLC10, JJC14, KLJ⁺14,
KCL⁺16, KH18, KCE⁺18, KA19, LNCX18,
LMC⁺12, Man16, ML18, MHRARG⁺14,
MBB⁺17, NEE18, OOD⁺17, RCM⁺16,
RC14, RRK11, RJV⁺18, SC11, TCHL18,
YLML15, YPB⁺16, YYW⁺16, YMG16,
YRG13, YAGB17, ZDYZ13, ZDYZ14, ZZ10,
ZLN11, ZRL15, ZYY18, ZHM⁺19].
Multicore-Aware [Man16].
Multicore/Multithreaded [RCM⁺16].
Multicores
[BZ15, FSPD16, FSPD17, KPS⁺17, STK16].
Multicycle [Pom12d]. **Multidimensional**
[TYWC10]. **Multidomain** [BPC12].
Multifactor [SL13]. **Multiformat**
[GVGNCVM16, MLH12]. **Multihop**
[CTS13]. **Multilayer** [HHLK12].
Multilevel [EGVFC⁺12, HC13a, HJF⁺13,
NL15a, WSXZ13, WYL⁺15]. **Multimedia**
[KKC17, LKYC12, LGH15, MM16, MSC12,
PAC⁺12]. **Multioperand** [HVZ13, MLH12].
Multipartite [HWCH17]. **Multipath**

[SLS⁺12, WW14]. **Multipattern**
[Yun12, ZS13]. **Multiple**
[ALBP14, CLS14, CWZ13, CP10, DJA11,
FM19, FLL14, FK15, GRM16, Hie11, Jha13,
LQD⁺16, LWK11, MKAY11, NDC⁺13,
NL16c, OCK17, PCZB11, Pom16b, PPND17,
RWZZ14, TC16, WNKL16, YCZ10, ZYW⁺16,
ZLX⁺16, ZCK19, ZMY11, ZCY⁺16].
Multiple-Bit [GRM16].
Multiple-Parameter [NDC⁺13].
Multiple-Precision [ZCK19].
Multiple-Queue [PPND17].
Multiple-Radix [DJA11, Jha13].
Multiple-Valued [LWK11]. **Multiplexed**
[GCLC11]. **Multiplexer** [SMCN18].
Multiplexer-Based [SMCN18].
Multiplexing [DYW15]. **Multiplication**
[ARM15, ARM16, ABH⁺13, ACO12, AK14,
CMO⁺16, CS11b, CYC⁺16, Cil13, DCCK17,
DJJ⁺08, FP19, Gio12, GNTS13, GJ15,
GL19, GIW18, HK13a, HRM11, HN11,
HMNN12, HGEG11, IRMM⁺16, KEK16,
KVV10, KHZ17, Lee12, LPW10, LYS14,
LNL⁺19, LJL13, MH15, MHML15, NWA12,
NR15, NTR14, PCHS14, PCHS17, PRBM13,
ROH17, SL10, VAB14, YFCV14].
Multiplications [ARM13, DS14, ERRM16].
Multiplicative
[Dum14, MPZ15, RMERM19, Wal19].
Multiplier [AS10, ARM13, BNP10,
CLL⁺14, DHM16, FF16, HMC11, KS10b,
LMZQ17, MCT19, NWA11, PCHS18,
RM15b, WF12, WS10, ZM10].
Multiplier-Dividers [AS10]. **Multipliers**
[ARM16, CHN14, CLC⁺16, CDL⁺17,
DJA11, DJA14, DRC14, Fan16, GT19,
GPN11, HF15, Ima18, JHQL16, KBO⁺19,
LAAM11, LQW⁺17, LCY⁺19, MHHS17,
SP16, TAM⁺16, VAM10, VALK19].
Multiply [CCRL19, WF17, ZCK19].
Multiply-Add [ZCK19]. **Multiplying**
[PP16]. **Multiprefix** [HHY11].
Multiprocessor
[BKH⁺13, CA12a, Fuj11, HTC13, HWL⁺14,

P [GT19]. **P1687** [ZICL12]. **P2P** [CS15, CLMM11, LSW15, PPB⁺14, SL13, SLC15a]. **Packed** [CXZ13, JL11]. **Packer** [LTW⁺12]. **Packet** [AHK10, BMS12, BSS14, BSS15, CW15, CW16, FBR⁺12, GY13, IHR⁺16, LFJ⁺13, LW13, LPCW14, MFT⁺17, MOYB12, RO11, SRCbL⁺15, ST11b, XHZ14, YFJ⁺14, YM11, YZGG16, ZWLS15]. **Packet-Mode** [AHK10]. **Packets** [KKH⁺14]. **Packing** [CGJ⁺10, SXCL14]. **Page** [AKJ⁺13, GCF⁺16, LBN14, LH16, LZZ⁺17b, PBE17, SPC⁺18]. **Paging** [KLLK11, WLY⁺14]. **Pair** [PR10]. **Paired** [KP13]. **Pairing** [BDE⁺11, CKM15, CMRH17, FVV12, KHPP16]. **Pairing-Based** [CKM15, CMRH17]. **Pairing-Friendly** [FVV12]. **Pairings** [LT14]. **Pairs** [PR10, VK15]. **Pairwise** [RNS13]. **Pancyclicity** [LH12a]. **PAnDA** [TLB⁺17, WTBT13]. **Papers** [Ano10c, Ano11c, Ano11d, Ano11e, Ano11f, Ano13d]. **Paradigm** [BDDL18, DYJ19, KYZC19, MFT⁺17]. **Parallel** [AR17, CS11b, CZP⁺16, Cil13, CDL⁺17, DN15, DYCG16, Fan16, Fin10, FM16, GRM16, GJ15, GAC14, HK13a, HWS⁺17, HWSX17, HS18, HT16, HHW⁺18, Ima18, KGD16, KAH⁺15, KLC18, KT12, LR16, LR10, LLCC13, LWL⁺16, LTW⁺12, LB13, LMT13, ML18, MHRARG⁺14, MBB⁺17, MKRM12, MC11, NL15b, NL16a, NZ15, NR15, NTR14, PZZQ19, PRM16, PSL17, QJM⁺10, QWB⁺13, RKR15, RT14, RS10, RQ14, SNY⁺10, TRA18, VAM10, WGR⁺14, WZLS16, XP10, XLX⁺14, YSZ⁺14, ZLBB19, ZCZL16, ZCS16, ZYL15, ZM10, ZYY18, ZXX⁺14, ZMRQ11]. **Parallelism** [HJF⁺13, JDA⁺16, LR16, LWF⁺17, SHGW15, SJC⁺17a, SJC⁺17b, XLL⁺18]. **Parallelization** [YLGE14]. **Parameter** [CYC⁺16, DZLP14, KSJ⁺12, NDC⁺13, YFCV14]. **Parameter-Aware** [KSJ⁺12]. **Parameterized** [WLZ10]. **Parameters**

[MBF18]. **Parametric** [LTL14, YLH13]. **Parity** [GRM16, KLC⁺16, MAD14]. **Parity-Based** [GRM16]. **PaRS** [ZHQX19]. **Parsing** [TLL⁺13]. **Partial** [CYHC14, CLC⁺16, DHM16, FSL⁺17, JWC12, JRC14, LHPH15, MY10, XHZ14]. **Partial-Terminal** [LHPH15]. **Partially** [DSPB13, DKK16, Pom16a, RSU17, SKEB16, WLJ⁺16]. **Partially-Functional** [Pom16a]. **Participation** [WZY16]. **Participatory** [LZZV16]. **Particle** [LKYC12, RM15c]. **Partition** [FF16, NTR14, SDL⁺19]. **Partitioned** [LCX⁺16, LS10c, YLML15, KMC17]. **Partitioning** [ASTU10, CTD⁺16, EDL⁺14, HWG⁺14, JSC10, KCY18, KKT15, LP12, LZA⁺16, MWW14, SJS10, WHYS16, YCCJ15, YHC19, ZRL15]. **Partitions** [LC16a]. **Party** [KKH⁺14, QZL⁺16]. **Pass** [ZGR13]. **Passing** [YKK⁺15]. **Passive** [JGHD11]. **Password** [ASBdS16, LLD19, YRT⁺16]. **Password-Authenticated** [YRT⁺16]. **Path** [BDP15, DSY⁺15, DVUS14, EDL⁺14, Fen14, GEN⁺17, KP13, NI11, RS13, SBP16, WTY⁺14, XTF⁺12, Yan14]. **Path-Based** [EDL⁺14, GEN⁺17]. **Path-Dividing** [Yan14]. **Paths** [Fen14, FK15, GDC⁺16, SKA10]. **Patient** [LDP10]. **Pattern** [AK16, DSKH15, GSK12, LP13a, LLCC13, LWL⁺16, MGW14, PPKW12, RSG⁺19, ZLY15, ZLN11]. **Pattern-Aware** [DSKH15]. **Patterning** [LZZ17a, khR⁺18]. **Patterns** [CCC15, CH14, LWF⁺17, Pom13b, RGK15, SBH11]. **Payload** [SPH13]. **PBC** [RPM16]. **PC** [BSS14, BSS15]. **PC-DUOS** [BSS14]. **PC-TRIO** [BSS15]. **PCLMULQDQ** [JL11]. **PCM** [NL15a, NL19, CCY⁺16, CJK19, LBN14, LWF⁺17, MCM16, QLH⁺16, ZZJ⁺19]. **PCs** [KBH⁺10]. **PDG_GEN** [MNFA14]. **PEAF** [EKA17]. **Pearl** [HHKW12]. **Pearl-Necklace** [HHKW12]. **PEBD**

HGL⁺15, KLK⁺14, KP15, KLC⁺16, LY11, LCLC19, Man16, MMH14, SWZG11, SZW⁺16, WXLL13, WXLY15, WCLY16, YCLH16, YASS14, ZGG⁺16]. **Placement-Ideal** [SWZG11]. **Plagiarism** [CJ12]. **Planes** [UVL⁺13]. **Planning** [CMS10, CKN14, Cro14]. **Plantlet** [MSS17]. **Plasticity** [ZM17]. **Platform** [CZL⁺17, RVL⁺14, SPH13, VGF16, ZLN11]. **Platforms** [AKTB18, AS16, BMP⁺10, DMA⁺15, FMTK19, LCX⁺16, YYP⁺16, YAGB17, ZRL15]. **Player** [BSM⁺14]. **Players** [KLLK11]. **PLRU** [KLLK11, LKLK13, WLY⁺14]. **Plus** [BT16]. **Plus-Minus** [BT16]. **PMC** [HWL⁺14, LKT13, Tsa13]. **Podcast** [Ano10g]. **Point** [AMG17, AK14, BLMM16, BGHL19, CHCK12, CK15, CI16, DJJ⁺08, GH11, GNTS13, GABK11, HMS⁺12, JPG10, JKMR11, JLMP11, JCK15, JMMP16, KGD16, LP17, Lee12, Lef17, LCW⁺16, MKFM13, Nan19, PGvdG14, SBH11, SS12, VVMAZ12, VMHGN18, WF17, YTND12, ZMR⁺13, ZCK19, dDLM11]. **Pointers** [RKN⁺18]. **Points** [JLMP11, YTND12]. **Policies** [CXLL16, XLF15]. **Policy** [CWZC13, CFMA19, Cro14, LXDV17, LCHX11, RVH⁺16, ZHW15]. **Polymorphic** [CXZ13, TXL11]. **Polynomial** [AH10, ACO12, BNP10, BLB⁺19, CNH13, CHN14, Cil13, DWZ18, ERRMG15, Fan16, FP19, GAFN15, Gio12, HF15, HN11, JKMR11, LPW10, PCHS14, PCHS17, SDP11]. **Polynomials** [AK16, CMLRHS13, LCwW10, TIHM18]. **Polysynchronous** [NLRB17]. **Popularity** [ZHQX19]. **Popularity-Aware** [ZHQX19]. **Population** [MB16]. **Population-Based** [MB16]. **Pore** [MHRARG⁺14]. **Port** [GCL⁺13, LW15]. **Portable** [KLLK11]. **Ports** [Hie11]. **Positive** [WHC⁺15b]. **Post** [BKH⁺13, COLK18, DSR15, KN12, LLK18, NZ14, NL14, OHCK17, OCK17, PN16, SD18]. **Post-CMOS** [PN16]. **Post-Quantum**

[LLK18, SD18]. **Post-Silicon** [BKH⁺13, COLK18, NZ14, NL14, OHCK17, OCK17, KN12]. **Post-Synthesis** [DSR15]. **Postsilicon** [CCL⁺13, PBV11]. **Potential** [CLW⁺19, Cil11]. **Power** [AQPMS15, AS14, ARS16, BDDL18, BSS15, BRN⁺15, BGM⁺13, BGMR13, BJ12, CLS14, CSCW13, CRJZ16, CGJ⁺10, CBTU14, DYW15, DMXY14, Dar15, DA12, DKLB15, DGC⁺15, EKA17, FZL⁺14, FHW18, GWMB13, GC16, GCAG16, GBD⁺15, GRL⁺14, GSF⁺10, GDY15, HRM⁺16, HMA⁺10, IPS17, JAKD18, JP13, JHQL16, JLLH19, KPS⁺17, KWC⁺16, KH14, KBP13, KHZ17, LK15a, LZ15, LW17, LWZ18, LCL17, LN12, LGMP10, LHTG15, LWH⁺16, LY17, LPL10, MWW14, MYHL16, MOYB12, MS12, MTBB10, MKRM11, Nan16, NC11, OPV⁺17, PKC⁺17, PvdGG12, QLH⁺16, RSNK17, RSN⁺18, RRK11, SP16, SCK10, SYD18, SKH16, SIVH16, SRK⁺17, SLZX15, SPC⁺18, SRHC12, TJX⁺17, TLGM17, VED⁺16, VALK19, WMW12, WJL⁺12, WZM⁺16, WP16, WSZ⁺16, WTZ⁺19, WMG18, XLS⁺12, YAG19, YM11, YTM16, YKDEV19, ZR15a, ZOK⁺19, ZZ10]. **Power-Aware** [CRJZ16, CGJ⁺10, HRM⁺16, YTM16]. **Power-Constrained** [TLGM17, WMW12, WJL⁺12]. **Power-Efficient** [DKLB15, EKA17, FZL⁺14, JAKD18, JP13, KH14, SRK⁺17]. **Power-Equalized** [WMG18]. **Power-Off** [KWC⁺16]. **Power/Performance** [GCAG16]. **POWER5** [MBC⁺13]. **POWER6** [MBC⁺13]. **PowerCool** [ASS⁺18]. **Powered** [BDM⁺19, CLZ19, MTBB10]. **Powering** [ASS⁺18, HZL⁺16, VB13]. **Powers** [Dum14, Wal19]. **PowerTracer** [LZW⁺15]. **Practical** [DCM16, GDLL18, GC16, GPR⁺19, HSA14, HKR⁺18, KMM16, LMJ14, MBF18, PDJ⁺19, SQJ⁺15, WJX⁺19, YFJ⁺14].

Read [BEHL⁺19, CLW⁺19, GC16, KCL19, LKK⁺19, LSG⁺18, LCY⁺16, HCY18].
Read-Modify-Write [LKK⁺19]. **Reads** [FSL⁺17, RLSK18, ZLLX15]. **Real** [AF14, ADP⁺15, ABEP16, AEP18, AE11, AC11, BBD⁺12, BBP⁺13, Bin15, BBB16, BPC12, BGRH15, CWF14, CBB19, CW10, Cha14, CYCC11, CGL⁺18, CQ14, CLR13, DZD⁺16, DA12, EE17, FM16, GCAG16, HWZ⁺12, HV12, HCH15, HV16, HHLK12, HXL11, HV14b, HGW⁺17, IBH⁺13, KS10a, KSS12, KM11, KGP15, KMC17, KLLK11, KCE⁺18, KAQC14, KDEV19, KT12, LYH11, LHC⁺14, LKLK13, LSSE15, LXDV17, LC16a, LLW⁺11, LGS⁺18, MUMB11, MBSSA19, MFG14, MKM14, MW13, NRG15, NZLK14, OPZ15, PTD⁺12, PC10, PMH⁺14, RHC⁺14, RF14, SYD18, TB15, TH11, TFCY16, TCHL18, THGT13, TKT16, WXS12, WBZ⁺15, WLY⁺14, WA10, WLZ10, XWLX17, YPB⁺16, YYW⁺16, YHV13, YTM16, YAGB17, ZLBB19, ZD13, ZLJ⁺17, ZCW18, ZZ19, ZYY18, ZHM⁺19, ZQQ11, ZCYX15]. **Real-Numbers** [HV16].
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Real/Complex [AC11]. **Realignment** [VCG⁺12]. **Realizable** [LT15]. **Realization** [LK10, XMH13]. **Realizing** [WKB16, ZLW⁺17]. **Reallocation** [Tse12]. **Rearranging** [SJS10]. **Reasoning** [DSB13]. **Reasons** [Ano10b]. **Receiver** [HWX15]. **Receiver-Centric** [HWX15]. **Receiving** [Ano13f, ST12]. **Rechargeable** [WLYY16]. **Recoding** [RS10, ZDP⁺15]. **Recognition** [AWFV13, LKLT12, QWB⁺13, TBC⁺17, YAG19]. **Recombination** [CHN14, HMNN12, PCHS17].
Recompilation [GDJZ18]. **Reconfigurable** [AD16, BQP⁺16, BBI⁺13, CZP⁺18, CCLH10, DPO17, DKK16, EKA17, GKB⁺10, GP14, GLP15, GFAM11, HNB⁺12, IBH⁺13, KMLH11, KGC14, LDB⁺17, LYJ⁺18, MLCH10, NVB16, PPP13, RWC18, RSU17, SOM⁺13, SPH13, TLB⁺17, TBC⁺17, UVL⁺13, WTBT13, WZCG16, ZMR⁺13, ZBK⁺17, ZYY18].
Reconfiguration [MKLW14, PB16, YZHX12]. **Reconfiguring** [JWH⁺15, ZNL18]. **Reconstructing** [GDC⁺16]. **Reconstruction** [HQLX15, LS10b, MG16, MH19, SST12]. **Recording** [WFY⁺17]. **Recoverability** [YCK16]. **Recoverable** [DDNP11]. **Recovery** [ASTU10, AD16, DKK16, GSG⁺15, HGML11, JSC⁺17, KWC⁺16, LLL15, LSA⁺17, LLD19, TLB⁺17, XHZ14, XLX⁺14, YXZZ14, ZXX⁺14]. **ReCREW** [DKH⁺13]. **Rectilinear** [WTY⁺14]. **Recurrent** [XWL⁺16b]. **Recursive** [KP13, LMZQ17, MHHS17, Red14]. **Recursively** [LS10c]. **Redeeming** [YSLL16]. **Redio** [WZW⁺19]. **Redirection** [HQLX15]. **Redistribution** [ZZS10]. **ReDO** [SVD18]. **Reduce** [COLK18, DZ10, GPRS17, KGGJ14, KS10b, LXK12, LZW⁺15, OHCK17, OCK17, QPG10, WBGI19, WZK⁺19]. **Reduced** [CCRL19, HLC⁺19, LK15a, Li12b, Pom12a, PSL17, WS10]. **Reducing**

[BS16, CTD⁺16, CLZ19, KLK17, KCL19, LAAM11, LKH16, LCLC19, RS13, SPC⁺18, WFT⁺19, WZ14, WZW⁺19, YCW11, Yan14, YLP15, ZLWZ15, ZMW15]. **Reduction** [AKKH12, CCC15, CCC⁺18, CFMA19, GBA18a, JJK⁺11, JT15, KVV10, LK15b, NL19, OKC13, SMK⁺16, TLL12, WS10, XJFT16]. **Redundancy** [CAbZM18, CCRL19, FHL⁺18, GY15a, GY15b, HBR11, KwPK⁺15, KS12, LW17, SSW12, VCSG⁺19, ZHQX19]. **Redundant** [AO12b, Bra10, CCK⁺16b, CvdBC18, CLC⁺16, EJ15, GJ15, HK13a, HVZ13, JPG10, LCY⁺19, TAM⁺16, VVMAZ12, VAB14]. **Redundant-Digit** [JPG10]. **Reed** [PROM15, RMB⁺12, TW10]. **Reference** [ZZ17]. **Refine** [LVMS18]. **Refinement** [HSH⁺10, Sri10, ZYY10]. **Refresh** [BCM14, BCC⁺16, CLW⁺19, DSG⁺19, GC16, JSC⁺17, LHL⁺15a, SSJ⁺18, SCJ⁺16b, SPC⁺18, WBGI19]. **Refresh-Aware** [JSC⁺17]. **Refreshing** [FHW18]. **Refurbishment** [AD13]. **Regenerating** [LLL15]. **Regenerating-Coding-Based** [LLL15]. **Regime** [SMB⁺15]. **Region** [CCK10, HWSX17, HCSW15, MSC12, ZD13]. **Region-Based** [CCK10]. **Region-Level** [HWSX17]. **Regional** [CHC⁺15]. **Regions** [DNSS11]. **Register** [CCV⁺11, JLKR19, MWZ⁺17, NCD⁺17, QPG10, RURM18, RRK11, VCSG⁺19, XLL⁺18]. **Registers** [QPG10]. **Regression** [DP13, LDP10]. **Regular** [ARM15, CMB13, Cha10a, LKT13, LXZH16, OWP16, YP12]. **Regularity** [LYL⁺19]. **Regulated** [YYW⁺16]. **Regulation** [LSG⁺18]. **Reinforcement** [FCB⁺19, WP16, ZM17]. **Reinforcing** [YCK16]. **Rejuvenation** [BDL⁺13]. **Rejuvenations** [HGW⁺17]. **Related** [Cil11]. **Relating** [ZGW14]. **Relational** [XTW15]. **Relations** [BCTV15, BCTV19, PR10]. **Relationship** [HL10b, SCJ⁺16b]. **Relationships** [MB12b]. **Relaunching** [GCF⁺16]. **Relaxation**

[CCK⁺16a, LZZ17a]. **Relaxed** [LYL⁺19]. **Relay** [CWY13, LY11, LB15a, MMH14, ZY12]. **Releasing** [CLW⁺19]. **Reliability** [BMS11, BM13b, Cao12, CK11, CHH⁺13, CCK⁺16b, CJA⁺16, CvdBC18, FHL⁺18, HCL⁺14, HCY18, HTA10, HL10b, ISC15, Ibr16, KLC⁺16, LXJD15, LCH⁺15, LLL16, LYY16, LHL13b, MHK15, MMAC19, NEE18, PCZB11, SMCN18, SKEB16, SDP⁺12, VSC⁺19, WWM16, XH16, YyHL11, YWXZ12, YL14, YMTV14, ZYL15, ZWYY15, ZWC13]. **Reliability-Aware** [BMS11, HMR⁺17, ZYL15]. **Reliability-Driven** [BM13b, PCZB11]. **Reliable** [ACW⁺11, AFH⁺10, AS14, ARS16, BBI⁺13, BS10, CHL17, CAGM14, DKH⁺13, HLY14, IBH⁺13, KDEV19, LXL⁺14, LKLT12, VBR⁺13, WKB16, XL16, YTD⁺17, ZL15]. **Relinquishment** [ST17]. **Relocatable** [DLC⁺13]. **Relocation** [KK10]. **Remainder** [Fan16, PB11]. **Remapping** [JDA⁺16, KCKL19]. **Remote** [HPR16, JGG⁺14, KCRG15, SRCbL⁺15]. **Removal** [LHCL13]. **Removing** [RXC⁺15, WLQS13]. **Renaming** [JLKR19]. **Renewable** [CFW14, RLX15]. **Reordered** [NWA12]. **Reordering** [KKH⁺14]. **Reorganization** [LBWH11]. **Reorganizing** [AGFM11]. **Repair** [LLW⁺17, PN16]. **Repairing** [RSU17, TW10]. **Repeatable** [DN11]. **Repetitive** [TLP17]. **Replacement** [CXLL16, CFMA19, KS14, LBN14, OGH⁺14]. **Replacing** [YMG15]. **Replay** [RTL⁺18, ZCZL16]. **Replica** [AT16, LYY16, LRY⁺15]. **Replicas** [LK18]. **Replication** [AD14, BR13, CS15, GV15, HS18, LYY16, LLX⁺17, SWZG11, SL13, SLC15a, Tse12]. **Reporting** [LZYL13]. **Repositioning** [FKMK16]. **Represent** [LCA10]. **Representation** [AO12b, BNP10, BFMT16,

Bra10, HN11, LFH⁺16, LWK11].
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[ZCZL16]. **Reproducibility** [RT14].
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[CWZ11, LSS13, RDEN10, YKDEV19].
Request [LR10]. **Requester** [CWCS15].
Requester-Based [CWCS15]. **Requests**
[LZZV16, LZW⁺15]. **Required** [KS10b].
Requirement [HV13, LYS14].
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[HHKW12, MAHD18, SAR⁺11, SZW⁺16].
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[CCAM14, CATB19, HV13, HLWV17,
MG11a, PCZB11, SMAR⁺19, VSC⁺19,
ZBK⁺17]. **Resilient** [DKLB15, DZLP14,
HK16, KDEV19, SKEB16, SVD18, YEY⁺16].
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CZL⁺17, COLK18, DCK16, Fin10, FB13,
GO10, HMR⁺17, HGW⁺17, HLA⁺17,
KGP15, KPS⁺17, KFB⁺15, KL16, LC16a,
LZA⁺16, LGF⁺15, MNGV16, NRG15, PB16,
PAP13, PR14, SLL15, SPTC15, SXCL14,
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Resource-Efficient [DCK16].
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PLP⁺13, RF14, SH12, WL13, YHC19].
Respect [CATB19]. **Response**
[BDB18, MBD⁺17, NRG15, WZ14, YLH10,
ZHW⁺16]. **Response-Time** [BDB18].
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[BGM⁺13]. **Responsiveness** [YCW⁺19].
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Restoring

[CHLL16, LHL13a, SCJ⁺16a, YLA10].
Restricted [OWP16]. **Restriction** [AK19].
Result [LK15a]. **Retention**
[DSG⁺19, SSJ⁺18, WBGI19, JYL⁺17].
Retention-Aware [JYL⁺17]. **Retentive**
[RRK11]. **Rethinking** [LLD⁺16, ZZL14].
Retrieval [BCMJ10, CWTT13, LWF13].
Retrieval-Guaranteed [CWTT13].
Reusability [MWY⁺16].
Reusability-Aware [MWY⁺16]. **Reuse**
[JC11, KSN⁺15, OGPK14]. **Reused**
[COLK18]. **Reversible** [DSR15, GM12].
Reviewers
[Ano10a, Ano11b, Ano12b, Ano13b, Ano14b,
Ano15b, Ano17b, Ano18b, Ano19b, Ano16b].
Reviewing [Kor15]. **Revisited**
[CKM15, CB15, MBGS10, SKC⁺14].
Revisiting [MMTM15]. **ReviveNet**
[YyHL11]. **Revocable** [SZDL14].
Revocation [JCM16, LLC⁺15]. **Reward**
[MFG16]. **Reward-Based** [MFG16].
Rewarding [SPTC15]. **Rewrite** [WZ14].
RFID [LLM⁺15, LXZ⁺15, MWWT13,
QZL⁺16, SKZS13, SSKL16, SDZ15,
YXWL16, ZCC⁺14]. **RFID-Enabled**
[QZL⁺16]. **Right** [VIDH19]. **Ring**
[BPC12, HGML11, KKY⁺16]. **RLWE**
[GDLL18]. **RLWE-Based** [GDLL18]. **RNS**
[BT16, CATB19, GLP⁺12, GL19, Hia17,
Sou15, YFCV14]. **Road** [JGHD11].
ROBDD [LCA10]. **Robin** [FJA⁺17].
Robot [LBS15]. **Robotic** [SAR⁺11].
Robots [LBS15]. **Robust** [BDDL18,
BDBB18, DDNP11, LMB13, MVB10, MC11,
NI11, ORM10, SB16, WZLX12, ZWX12].
Role [XKT⁺15]. **Role-Based** [XKT⁺15].
ROM [AAR19]. **ROM-Embedded**
[AAR19]. **ROMs** [LLHC15]. **Roofline**
[IPS17]. **Root**
[ARH14, AH10, FBE⁺18, JLLH19, KCK16,
LP13b, LN12, Rus13, VB13, WE12].
Rooted [SG13]. **Roots** [JKMR11]. **ROSE**
[CC11]. **Rotated** [YHT⁺16]. **Rotation**
[MM17]. **Rotations** [RS10]. **Round**

Snooping [AKKH12]. **SNOW** [PC16]. **SoC**
[BBA19, CFR⁺14, LYH11, VTA16,
WZBB15]. **Social** [JWL⁺16, LCL15, LSS13,
LS13, LSW15, PLZW14, SL14a, SLLG15,
SLC⁺15b, TZL⁺14, WHC⁺15b, WW14,
XWH14, ZZX⁺15]. **Social-Aware**
[SLC⁺15b]. **Society**
[Ano10d, Ano10e, Ano10b]. **Socket**
[CG18, LHH17]. **SOCs** [IGLM15, RC14].
Soft
[AF14, AS12, DZLP14, EGVFC⁺12, HBR11,
KS12, NEE18, RURM18, RTRM19, RCN11,
RBMO11, SB16, SMAR⁺19, SVD18, UVG16,
VSC⁺19, XH16, YAGB17, dOPSR16].
Soft-Errors [UVG16]. **Soft-Processors**
[RURM18]. **Soft-Real-Time** [AF14].
Softcore [PPP13]. **Software** [AVG⁺15,
ADC11, AH13, BDL⁺13, CSS13, DPS11,
FHLOJRH18, GBO⁺16, HPR16, HWG⁺14,
HL10b, HGL⁺15, JSC10, KKP⁺16, KASZ13,
LK10, LH16, LSHC15, MRL⁺18, MMAC19,
MF14, RCK⁺16, SNM16, TS11, WGW⁺15,
WLJ⁺16, WHYS16, WFT⁺19, XHZ14,
YLGE14, ZPM⁺15, ZLG⁺15, ZGG⁺16].
Software-Based
[ADC11, DPS11, SNM16, YLGE14].
Software-Defined [ZLG⁺15, ZGG⁺16].
Software-Driven [TS11].
Software-Transparent [WFT⁺19]. **Solid**
[Cha10b, CLZ19, DSW⁺14, JR17, Jun16,
KLK18, KBH⁺10, KSJ⁺12, LRP16, MLE14,
PDXZ13, SNY⁺10, TAH⁺16]. **Solid-State**
[Cha10b, CLZ19, DSW⁺14, KBH⁺10,
PDXZ13, SNY⁺10, TAH⁺16]. **Solomon**
[PROM15, TW10]. **Solution**
[CCE⁺18, CXLX15, GSH⁺14, NZ15,
RBRL15, SKPC15]. **Solutions**
[CCO⁺14, PLM16]. **Solve** [MTFK19].
Solvers [DALD18]. **Solving**
[DALD18, Fuj11, GO10]. **Some** [JLMP11].
Somewhat [MBF18, RJV⁺18].
Sophisticated [BPBBL13]. **Sorting**
[FFISC13, LNCX18, LCL17, LBSK17].
SOSEMANUK [PC16]. **Sound** [AGCD16].

Source [ADJG19, CJ12]. **Source-Code**
[CJ12]. **SPAC** [Pan16]. **Space**
[BNP10, BKL⁺13, BCMJ10, BBH12,
CHN14, CCY⁺16, CYC⁺16, DYW15,
DJO11, Fen14, HN11, HMNN12, HK17,
JAD⁺18, KH18, LWF⁺17, Nan16, PCHS17,
PCHS18, SN16, XDZ11, ZMY11, KMC17].
Space-Division [ZMY11]. **Space-Efficient**
[BBH12, LWF⁺17]. **Space-Time** [DYW15].
Spaces [LTW⁺12]. **SPaCS** [ZGR13]. **Spam**
[SL14a, ZL11]. **Spanning**
[FEP⁺12, SBI12, TYWC10, WTY⁺14].
SparCE [SJVR19]. **Spare**
[AGFM11, SC11, AAR19].
Spare-Enhanced [SC11]. **Spark** [CZL⁺17].
Sparse [JSC⁺19, LPL⁺13, LJG⁺19, MRD19,
NZ15, PP16, RO11]. **Sparse-Insertion**
[JSC⁺19]. **Sparse-Iteration** [PP16].
Sparsity [LYL⁺19, SJVR19]. **Spatial**
[DNSS11, KGGJ14, MWY⁺16, SSW12,
XHZC16, ZCL⁺16]. **Spatio**
[CSPC12, DYCG16]. **Spatio-Temporal**
[CSPC12, DYCG16]. **Spatiotemporal**
[Cro14]. **Special** [Ano10c, Ano11e, AHI12,
AISA16, Avr13, BKPMC13, BMM11, BS10,
BKP16, BCS11, BdD19, CHTD19, DPO17,
EM12, GC14, GM11, HMO⁺17, LLK18,
MG11a, MOS14, NST14, SLPB18, ST11a,
VP14, XL16, ZMS13]. **Specially** [LS10a].
Specific [AK15, CKKS14, JRC14, LSA⁺17,
MGW14, SP16]. **Specifications** [MIS⁺14].
Specified [YXWL16]. **SPECT** [KN13].
Spectral [YCW11, YLP15, ZMB18].
Spectral-Null [YCW11, YLP15].
Spectrum
[BBVL14, NH10, XWL10, XLTZ11].
Speculation [KGGJ14]. **Speculative**
[GLXY13, LR18, STR15, XLC14, YLGE14].
Speculatively [Bra10]. **Speech**
[AWFV13, TBC⁺17, YAG19]. **Speed**
[ARM16, Ano13f, CCH⁺15a, GJ15, GY13,
GCF⁺16, HK13a, HZ11, NWA12, PBT13,
TFCY16, ZL11]. **Speed-Up** [GCF⁺16].
Speeding [WGR⁺14]. **Speedup** [ZYL15].

[DALD18]. **Trie** [HHY11, HY12, ML16].
Trie-Based [ML16]. **Tries** [LYS10].
Trigger [KN12, NZ14]. **Triggered**
[MAHD18]. **Trigonometric** [dLSGDR17].
Trinomials [Fan16, LMZQ17]. **TRIO**
[BSS15]. **Triple** [ERRM16, FMP19, LZZ17a,
RNS13, TFCY16]. **Triple-Word** [FMP19].
TRNG [LB15b]. **TRNGs** [PRM19].
Trojan [NDC⁺13, ZZ17]. **TrueNorth**
[TBC⁺17]. **Truncated** [DRC14, GPN11].
Trust [JWL⁺16, MM16]. **Trust-Based**
[MM16]. **Trusted** [JWWZ16, MGdC⁺18].
Trustworthy [LSW15]. **TrustZone**
[BBA19]. **Truthful**
[HZL⁺16, MFG16, MFG14, ZJL⁺16]. **TSAC**
[WZL15]. **TSP** [PKC⁺17]. **TSS** [CYJ⁺10].
TSV [CCE⁺18, EYBK15, YEY⁺16].
TSV-Based [CCE⁺18, EYBK15].
TSV-to-TSV [YEY⁺16]. **Tunable** [Nan19].
Tuning [NL14]. **Turn** [TLP17].
Turnaround [EE17]. **Tweakable**
[CMLRHS13, MLCH10]. **Twin**
[AMVOS⁺15, AVS⁺16]. **Two**
[AJH15, CHL17, LAAM11, LLW⁺11,
LLS⁺16, NI11, NL15b, NZC11, PLZW14,
Pom15c, RLRL19, Ste14, TWTT11, Tse12,
WEX14, WHC⁺15b, ZGR13, ZMRQ11].
Two-Dimensional
[Pom15c, Ste14, TWTT11, WEX14].
Two-Factor [LLS⁺16]. **Two-Level**
[AJH15, LLW⁺11, NL15b, ZGR13].
Two-Rail [NI11]. **Two-Stage** [PLZW14].
Twofold [GO10]. **TXOP** [LHY13]. **Type**
[PCHS18, RKN⁺18, WF12, ZCW18, Ima18].
Type-I [Ima18]. **Types** [KN11a].

Ultimate [PN16]. **Ultra** [BDDL18, FHW18,
LT15, WWY⁺16, XYF⁺15]. **Ultra-Low**
[BDDL18, FHW18, WWY⁺16].
Ultra-Scalable [LT15, XYF⁺15].
Unbalancing [JLC10]. **Unbiased**
[LMB17, VMHGN18]. **Unbounded**
[XXBL17]. **Uncertainty**
[BIP⁺17, LMB13, WHYS16]. **Unclonable**

[CJSM17]. **Underwater** [CBVL16].
Undetectable [Pom12b]. **Unequal**
[CMM15, DRM16, NL15b, NL16a, YW12].
Unfaithful [FNS16]. **Unicast** [RBRL15].
Unified [AFC10, LLC⁺16, LJY⁺15, LJ15,
MF14, SB10]. **Uniform**
[NTR14, ST18b, WhCCC12]. **Uniprocessor**
[SL14b]. **Uniqueness** [GLH⁺19]. **Unit**
[BPG16, GH11, HMS⁺12, LCL17, LN12,
MKFM13, PGvdG14, WF17, WE12, ZCW18].
Unitaries [KMM16]. **Unitary** [Red18].
Units
[FFISC13, JRJ⁺18, KN12, Nan16, dOPSR16].
UNIVERCM [DFP⁺13]. **Universal**
[DZLP14, DFP⁺13]. **Unix** [SF17].
Unknowns [NS13]. **Unobtrusive**
[MUMB11]. **Unreliable**
[BMT14, GHG⁺14, KAH19, RCK⁺16].
Unschedulability [ZZ19]. **Unsigned**
[JLLH19]. **Unspecified** [NM10]. **Unstable**
[YCCWC15]. **Unstable-Bandwidth**
[YCCWC15]. **Update**
[HY12, KE19, KCS14, LDL⁺17]. **Updates**
[BMS12, CLW⁺16a, SZG⁺18]. **Uplink**
[CKH15]. **Upon** [LCX⁺16]. **Upper**
[Bin15, HCCG10]. **Upsets**
[ALBP14, WNKL16]. **Urban** [WAK⁺17].
Usable [MAG⁺17]. **Use**
[DAPS14, Fin10, MB12a]. **Used** [LOC⁺16].
User [HCD⁺16, JCM16, QQW⁺17,
RVH⁺16, SZDL14, YCCJ15, ZJL⁺16].
User-Friendly [SZDL14]. **Users** [PPB⁺14].
Using [ARM16, ABH⁺13, AAR19, ADP⁺15,
AKL18, AD16, AXS⁺10, AHNT16, AMG17,
AVS⁺14, ADC11, AD13, AS14, BNP10,
BD15, BFMT16, BCTV15, BJ12, BBH12,
CSS13, CCH15b, CZP⁺16, CTD⁺16,
CJA⁺16, CW15, CW16, CLL⁺14, CJK19,
CCR⁺17, CND⁺18, CJ12, CH14, Cro14,
CP10, CDL⁺17, DN11, DJA14, DLC⁺13,
DCV⁺12, DAPS14, EKA17, ERRMG15,
ERRM16, EG11, GKD⁺17, GAFN15, GO10,
GZB⁺15, GCL⁺13, HTA10, HCSW15,
HNB⁺12, IRMM⁺16, JSA17, JZLD10,

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