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(2, 2) [LTC⁺15]. (C_s, P_t) [HJP15]. (n, k) [ZHW19]. 1 [Dow15, TRY16]. 2 [DDG⁺15, FGR17, KSA12, LL14, MBRM15, PG11, WWW16, XZLL18, ZX16]. $2^{2n+1} - 1$ [BG15]. $2^{2n+2} - 1$ [BG15]. 2^{2q} [AJ15]. 2^n [BG15]. $2^{n+1} - 1$ [HS19]. 2^{n+k} [HS19]. $2^n - 1$ [HS19]. $2^q \pm 1$ [AJ15]. $2^q \pm 3$ [AJ15]. 3 [DB13, GHFY18, GB10, jLbLzH18, LJ15, ZLL18]. 5 [AJ15]. * [NHC13]. + [YB16]. 2 [Cha10b, Hua14]. 3 [Cha10b, SC10]. e [NHC13]. *cyclical* [YLLS16]. c [KRDH13]. C^3P [EFV15]. ℓ [ZTL15]. g [XZL17, ZLX⁺19]. i^* [SKK18]. K [EA17, LWPZ13, ABM12, ALH17, APW11, DLV10, Fan10, Fan11, GN19, GYDX12, K VX12, Kuo10, LLF17, MP18, WCL15, WWJ18]. $L(2, 1)$ [Cal11a]. $L(h, k)$ [Cal11b]. $L(p, q)$ [ZQ13]. L_p [KV16]. m [Fan10]. μ [Jia14]. N [YC19, Fan10, Fan11, LLF17]. $O(k)$ [DLV10]. p [BPK10, DD10b]. π [Cao10, HY11]. ± 1 [HZW⁺14]. q [CZCD18]. QR [ACG⁺11]. S [LJ15]. t [Kor11, WCCL13].
-Adic [BPK10, DD10b]. **-Ary** [LLF17, CZCD18, Fan10, Fan11, Kor11, WCCL13]. **-bit** [K VX12]. **-boxes** [LJ15]. **-Bubble-Sort** [ZHW19]. **-calculus** [Cao10, HY11]. **-Clustering** [DLV10]. **-Coteries** [Kuo10]. **-Cover** [LWPZ13]. **-Covered** [ABM12]. **-cube** [Fan10, Fan11]. **-Cubes** [LLF17]. **-D** [DB13]. **-Dimensional** [Dow15]. **-Diversity** [ZTL15]. **-Extra** [WWW16, GHFY18]. **-Free** [HJP15].

-Good-Neighbor [XZL17, ZLX⁺19].
-Labeling [Cal11a, ZQ13]. **-Labelling** [Cal11b]. **-Layer** [DDG⁺15]. **-Means** [KRDH13]. **-Medoids** [EA17]. **-Metric** [TRY16]. **-Moduli** [AJ15]. **-Multiple** [LTC⁺15]. **-Nearest** [GYDX12, WCL15].
-Neighborhood [KSA12]. **-NMF** [MP18].
-Pancycle-Connectivity [Fan10]. **-policy** [YC19]. **-Security** [Jia14]. **-Time** [DLV10].
-tree [NHC13]. **-trees** [XZLL18].

1 [BV15]. **128** [LJ18a, LYD⁺18]. **1950s** [Day11, Wet10]. **1960s** [Day11].

2 [AAZ13]. **2-Party** [BBKL19]. **2009** [GG10]. **2010** [Jar11]. **24th** [GG10]. **2D** [HIDFGPC15].

3 [NYT⁺11]. **3D** [AOS⁺15]. **3D-RP** [AOS⁺15].

4 [YYO15].

5G [RASM17].

6 [XHC⁺15]. **64/128** [LJ18a].

7 [AAZ13]. **754** [AAH10].

802.11 [OKA17, RHF⁺15]. **802.11p** [GH17].

978-0-262-02649-9 [Lar10].
978-0-387-33333-5 [Gaz10].
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978-1-4020-5529-4 [Jas10].
978-1-4200-4757-8 [Joh10].
978-981-277-171-1 [Lev10a].

= [AD16].

AADL [BCK⁺11]. **AAS** [ALZ⁺17].
abatement [HHH⁺18]. **ABE** [QZZ18].
abelian [HWS⁺19]. **ABO** [ZYY19].
ABO-LTFs [ZYY19]. **Absolute** [WXLL18].

Abstract [BDT10, MKW11]. **Abstraction** [WJ16, YWY10]. **Accelerate** [LGC19].
Accelerated [LR12]. **Accelerating** [VRD10, VO16]. **Acceleration** [PHM⁺12].
Accelerator [WOLP15]. **Accelerometer** [CAV17]. **Access** [CLG⁺19, CK15, HSMY12, HFP⁺19, JCSZ13, KHC15, KHR⁺19, LWDZ16, LPL15, LLLW17, RHF⁺15, RASM17, XTH11, ZTBW11, ZVH11, ZDL⁺17].
accessibility [NK19]. **Accurate** [PB14, RT12, YB16]. **Achievable** [Alm19].
Achieve [DBC18, Tan15]. **Achieving** [ABG⁺12, BN14, KCZJ14]. **ACO** [TL19].
ACO-TS [TL19]. **ACORN** [ZFL18].
across [PSS10]. **Action** [WWHL12].
Active [CLM16, LJ15, OJSO14, WJ19].
Activities [BY14, NHMI13, WL18].
Activity [BY16, CLLH13, DSTC12, GRK13, KTC⁺11, MGBD15, WXL18, ZHL⁺17].
Activity-Aware [DSTC12]. **actor** [SKS19].
Acylic [BBB⁺15, PGBFW14]. **Ad** [BBM10, BSK19, BAFF11, GH17, GGZC11, HC15, MK19, SJS12, SGG⁺13, WCKH10, YWSH10, YDE11, YT11, ZYR⁺13].
Adaptability [LSW10]. **Adaptation** [CMSML16, Kha11, RDB14b, TY14, ZSX10].
Adapted [GRK13, HM13]. **Adaptive** [AS11, ALA19, AAH10, ABCG11, BACD13, EFYS19, FFH17, FXV13, GN10, GTM15, HZW⁺14, HT16, HLAZ15, HXLX18, HXLX22, ISH13, JDAS12, KXS⁺10, KCZJ14, LCH16, LH11, LZL⁺15, LL11b, MDY15, SVP13, WHYH12, WLI⁺14, XYL⁺11, ZLX⁺15]. **Adder** [BG15].
Adder-Based [BG15]. **Additive** [Yas19].
Adic [BPK10, DD10b]. **AdSelector** [LS17].
Advanced [JSP13, KHC14]. **Advances** [Ano10, HXZ12]. **Advent** [Day11]. **Adverse** [NNF19, NK19]. **adverse-tisements** [NK19]. **Advertisement** [LS17].
Advertisements [NK19]. **Advertising** [LNBFP13, WXZ⁺12]. **AES** [BW16, SY15, VGA19, WJ19]. **AES-Like**

[BW16, WJ19]. **AET** [HTC⁺15].
Affiliation [XLM⁺12, XGLM14, XZLW15].
Affiliation-Hiding [XLM⁺12, XGLM14, XZLW15]. **Affine** [LYL⁺18]. **Against** [BVS⁺13, BL15b, BL16, CW12a, CMA14, GDCC16, HLJ⁺15, LA12, LÖ10, SGH15, SLY⁺16, WSA15, Che15a, HLLG18]. **Age** [ATA19]. **Age-Group** [ATA19]. **Agent** [AFGG11, BL11, CFMR14, GK17, KTTRJ10, LR14, Nic11, PXG⁺17, RA14, Rog11, SNG⁺10, TKB11, ZLG15, dFHP⁺11, LBZ19]. **Agent-Based** [BL11, KTTRJ10, Nic11, TKB11]. **Agents** [BH10, Cor11, FT11, SZB15, SYH11, ZC10]. **Aggregate** [AGF15, WCD19]. **Aggregating** [MMH18]. **Aggregation** [EKOS19, SJ18a]. **Aggregations** [CTIAP12]. **Agreeing** [vdALM⁺10]. **Agreement** [Chi16, MDS15, XLM⁺12, XGLM14, XZLW15, dAEN⁺18]. **Ahead** [JMB12, NH19]. **Ahead-of-Time** [JMB12]. **AI** [BT18]. **Aided** [Alm19, GMSV14, LNWZ19, MV19]. **Air** [XYL⁺11]. **Air-Cushion** [XYL⁺11]. **al** [LLSW16]. **Alan** [Lav12]. **Algebra** [DH12b, ZYF17]. **Algebraic** [WCXZ17]. **Algebras** [HTG12]. **Algol** [Gra12]. **Algorithm** [AK12, AUB11, BZS⁺16, BKP11, Cai12, CW11, Che14, CFJ⁺13, CGVP15, DA14, DLV10, DB13, FS18, GÁVRRL16, HM16, HLJ⁺15, HQL17, IEBS19, KJ11, KR14, KV15b, LL11a, LL14, LR14, LYL⁺18, LYC11, LV17, MSH⁺11, MK19, OR12, RJ18, SC11, SZW⁺18, SLL15, WZCC18, WS10, WLZ⁺18, XHTH13, XYL⁺11, ZWJ⁺14, yZdZhZ18, ZSJ10, ZTTM18]. **Algorithmic** [BT18, ET19, Mur10b]. **Algorithms** [BBM10, BCG12, BMRS11, CC11, CHL14, CMSML16, DE10, GF17, HJK13, HK15, KRDH13, Kha16, KTTRJ18, LS14, Mar10a, MCT19, MBRM15, PB14, SJA17, STW⁺18, SSK12, TKM11, Tah11, Tim11, WOV⁺10, WCW⁺18, YLW⁺17, YDE11, YS15, ZBY⁺10, ZW15, wZfG15, ZX16, ZDZ⁺15a, Gon07]. **Alignment** [IA15, VRD10]. **All-Against-All** [LA12]. **All-But-Many** [CCL⁺19]. **Alliance** [Ano10]. **Allocation** [BAFF11, CLH⁺14, CMKJ10, CL16, Do11, FGS15, HGZ10, KV15a, KL10, KZY16, KCZJ14, LZL⁺17, LS14, NNN⁺14, OBA16, PZZ⁺17, PCC⁺16, RAJ15, ŞLV⁺11, SKK⁺12, SZB15, TL19, ZJH⁺15, LJWL19, TXJ⁺19]. **Almost** [GDCC16]. **Almost-Tight** [GDCC16]. **Amazon** [ÁHFE18]. **Ambient** [CvdT10, LLV10, PSS10, SS10a, SSS15, vDBvEW10]. **Ami** [SKK⁺12]. **Ammann** [Maj10]. **AMPS** [GTM15]. **Analogs** [NLDH11]. **Analysing** [GSS14]. **Analysis** [ASCTFP16, Alh19, AHM15, BV15, BKFP19, BFCRH14, BCK⁺11, CTIAP12, CW11, CWRZ18, CCY10, CCHL18, CAV17, DLM⁺14, Das17, DBHC15, DHW10, Dim13, EDH⁺18, FP19, Fra11, GRVD⁺15, GH17, GMS⁺12, HJL16, IAG⁺14, LZZZ13, LSTC11, ML13, Mal10, Meg18, Meg19, MBRM15, Mur10a, NSA15, NP16, Pek12, PTOM18, RHF⁺15, RMGT11, SY15, SSS⁺12b, SKK18, Tah11, VKC15, WGS17, WHP⁺13, XS11, YC19, ZH15, ZDM⁺15, ZYY⁺13, jZ18, ZL15, KAZ18, TZ11]. **Analysis-Based** [Meg18]. **Analytic** [ZW15]. **Analytical** [LDK11]. **Analytcs** [AGF15, ALA19]. **Analyzer** [SSS⁺12b]. **Analyzing** [DLL⁺13, SS10b]. **Anchor** [NZ14]. **and/or** [YLA⁺13]. **ANEEC** [PWY⁺13]. **Animal** [KTC⁺11]. **Animation** [SPS⁺18]. **Annealing** [HGZ10]. **Annotated** [ATS15, Cal11b, SHH⁺15]. **Announcement** [ALZ⁺17]. **Anomalies** [ZYWW13]. **Anomaly** [GBBK11]. **Anonymity** [IDVGMP⁺13]. **Anonymization** [MP18, SWLZ12]. **Anonymous** [Chi12, HH14, LSQX19, Ver17, Wan14, WYML16, YZJH12, ZJ14, ZMW16, ALZ⁺17]. **Answerin** [CJYY17]. **Answers** [GN19]. **Ant** [WS10, ZDZ⁺15b]. **Ant-based** [WS10].

Anticycle [HB11]. **Anti** [SK18a, TPG⁺15]. **Anti-Packet** [TPG⁺15]. **Anti-Smishing** [SK18a]. **Antidimensional** [TRY16]. **API** [QF19]. **Appearance** [SA11]. **Appliance** [CLLH13]. **Appliance-Aware** [CLLH13]. **Application** [BPK10, CCL⁺19, CLRJ14, CBA18, CWZ19, CRGM14, DAOG14, Dim13, K p15, MGBD15, NM19, RDB14b, TAC⁺18, TEP⁺16, WWXH18, WHP⁺13, XHTH13, ZH15, ZM16]. **Application-Level** [CRGM14]. **Application-Specific** [DAOG14, TEP⁺16]. **Applications** [AAA19, AAH10, Ang13, ABL⁺18, Awa13, BDC11, BBP13, BFMT15, CXF⁺15, CCC⁺10, CRGM14, DG15a, ETR⁺16, GB15, KHC14, KLL14, LWDZ16, LR14, MGM12, NP16, Nic11, PB12, PHM⁺12, PL18, RAKJ17, RHH12, RR16, TS19, WOV⁺10, XZA14, ZZQ⁺19, ZYY19, RM08, Lev10a]. **Applied** [FGR17, G VRRL16, WN11]. **Approach** [AKA15, AZHASD14, AGP10, ALA19, BDT10, BS16, BFMT15, CFM17, CTD18, CJYY17, CQS13, Chi16, CW12b, CRGM14, DG15a, ELS11, FP18, FET17, GN19, HLAZ15, HS11, HY11, HZJS17, KHC15, KAS13, KZY16, LH11, LAP11, LfHmXjL11, LJ18b, LLV10, MDY15, MKN13, MMPB10, MEH19, MHMSGH16, OLL15,  KA11, PK18, PRG⁺10, PTWB14, RHH12, RLVRG 15, SAPS19,  LV⁺11, SH15, SK18a, TLRE11, TA16a, VMF⁺14, VKC15, WGZW14, WXZ⁺12, YMS⁺15, YLLS16, ZW15, ZHY⁺14, CPSK07, Gaz10]. **Approaches** [CQL10, EFYS19, GTB10, JHHC15, LCMC11, SZB19, TB11]. **Approximate** [Che14, IJY⁺14, YHGL17]. **Approximation** [LS14, Mar10a, Gon07]. **Approximations** [TEP⁺16]. **Arbitrary** [GDKP10]. **Arbitration** [K p15]. **Arbitrator** [WSA15]. **Arc** [ZM19]. **Arc-Connected** [ZM19]. **Archimedean** [Ana10]. **Architectural** [Fra11]. **Architecture** [ACW13, AS11, AV16, ASG15, CXF⁺15, CCCS11, CP16, CLL10, EOIH15, EDH⁺18, GDKP10, GIB12, HMM11, yHRT⁺12, IMS10, KJ11, KS18, LCX14, NPTZ16, PCC⁺16, RMP10, SKKM15, TV12, VBMH10, WF10, WWZ⁺17, ZLG15]. **Architecture-Level** [yHRT⁺12]. **Architecture/OS** [CLL10]. **Architectures** [ABS12, GMS⁺12, HYZ17, HMM18, OLF⁺17, PHM⁺12, ZZX16]. **Archival** [HZQ⁺19]. **ArchSORS** [OLF⁺17]. **Area** [AK12, BKPS10, CQS13, DDLM17, yHRT⁺12, IAG⁺14, KL14, KSPR15, LSCG10, PL16, SAKOK11, SJS12, XLXZ17, YZJH12]. **Area-Feature** [BKPS10]. **Area-Thickness** [DDLM17]. **Argumentation** [JHHC15]. **Argumentation-Driven** [JHHC15]. **Arithmetic** [HS19, LSTC11, Par15]. **Arithmetic-Friendly** [HS19]. **Armed** [LV17]. **Arrangement** [CQS13, MRPR15]. **Array** [PZ19]. **Arrays** [PC12]. **Article** [SMLM14]. **Articles** [CWWK14]. **Artificial** [GV16, Lev11b, LLV10, PW19, SS10a]. **Ary** [LLF17, CZCD18, Fan10, Fan11, Kor11, WCCL13]. **Ascending** [Mer13]. **ASCENT** [BCKM17]. **Ashman** [SLW⁺17]. **ASIC** [NYT⁺11]. **ASICs** [Jas10, Nur07]. **Aspects** [Nil10]. **assembly** [WCL⁺11]. **Assessing** [ARR⁺16]. **Assessment** [RMB15, THY⁺18, TKB18]. **Asset** [Tim11]. **Asset-Task** [Tim11]. **Assets** [GTN10]. **Assignment** [GTN10, NG17, PTWB14, SJ18b, Tim11, WGL⁺18, ZHL⁺17]. **Assignments** [A PD11]. **Assistance** [EMB19]. **Assisting** [MGBD15]. **Associate** [Llo13]. **Associated** [CW11]. **Association** [GBA18, HK13]. **Associative** [ZSJ10]. **Assortative** [Meg16]. **Assortativity** [Meg19]. **Assumption** [CCL⁺19, GWW⁺13]. **Assumptions** [EKOS19, IAG⁺14, PDNH15, RKBY15, YLL⁺17]. **Assurance** [RBNB15]. **Assured** [LMA⁺15, Tan15]. **Asymmetric** [OBA16, SPdGPM18, XLM⁺12, XGLM14, XZLW15, ZZQ⁺19]. **Asynchronous**

[DGFGHZ13, Hie13, KW11, LAP11, ZLX⁺15]. **Atmospheric** [LWKB15]. **Atomic** [DGFGHZ13, MPSP17]. **Attack** [CWZ19, DHT⁺19, DSB15, GDCC16, HLJ⁺15, HLAZ15, KH10, LLSW16, LJ19, PP17, ZFL18, TYL⁺18]. **Attackers** [BL15b, BL16]. **Attacking** [YZJH12]. **Attacks** [BS16, BKBK14, CZ19, Che15a, CL18, CMA14, HLLG18, LJ18a, LYD⁺18, LSG⁺19, LÖ10, SY15, SP15, SH15, SGH15, TV12, YL17]. **Attribute** [CLG⁺19, CD16, CHH⁺19, GSW⁺16, HSMY12, HSMY14, HBC⁺19, LW16, WDCL18, WLH15b, WHLH16, ZZM17a, ZZM17b, ZDL⁺17, Ver17]. **Attribute-Based** [CLG⁺19, CD16, CHH⁺19, GSW⁺16, HSMY12, HSMY14, HBC⁺19, LW16, WDCL18, WLH15b, ZZM17a, WHLH16, Ver17]. **Auction** [CZLY19, CLH⁺14, FZCL18, KZY16, LZWY18, YHGL17, ZJH⁺15]. **Auction-Based** [KZY16, LZWY18]. **Auctions** [FXV13, Vel10]. **Audio** [QF19]. **Auditing** [LLLW17]. **Augmentation** [WHSW15]. **Augmentation-Based** [WHSW15]. **Augmented** [BDL⁺13, CCY10, CKH18, DLL⁺13]. **Authenticated** [FVS17, XLM⁺12, XGLM14, XZLW15]. **Authenticating** [OKG⁺12]. **Authentication** [HLLC11, Jia17, KS18, MBC15, WZXL12, WZCC18, WT10]. **Authority** [XZLW15, ZDL⁺17]. **Authorization** [LMGC17, SRD⁺12, YKK18]. **Authorized** [GHY18, HTC⁺15, LLSW16, Ma17]. **Auto** [TS19]. **Auto-scaling** [TS19]. **Automata** [BLS16, BE12, Che15b, Dan11, ISD15, Kap11, KV15b, PC12, YEFVJ15]. **Automated** [CXH14, DLM⁺14, GLBS13, KTC⁺11, NBN14, PBH⁺13, Vel10]. **Automatic** [AFKT12, BKFP19, BPFK19, FAFD15, IDVGMP⁺13, LfHmXjL11, MT11, PWY⁺13, TA16a, YLLS16]. **Automatically** [NC16]. **Automating** [ET19, SMM⁺19]. **Automation** [BT18, FWC13]. **Automaton** [GJ16, LAP11]. **Autonomic** [KAS13]. **Autonomous** [AKL⁺19, DB15, HHV17, WYL⁺13]. **Availability** [CWRZ18, LFHF14, TXJ⁺19]. **Available** [ZDCZ18]. **Average** [KMNA⁺16]. **Avoidance** [CRGM14, SM16]. **AVX** [GK16]. **AVX2** [MKL18]. **Aware** [ACG⁺11, AGP10, BZS⁺16, Cha10a, CZL⁺18, CLLH13, CP16, CK10, CL16, CMY17, Cor11, DJAJ15, DSTC12, Do11, GM11, GHMP18, HZWT15, JG15, KHC15, KHR⁺19, KSPR15, LR14, LWS⁺14, MSH⁺11, NSRP15, RAKJ17, RASM17, RR16, RRCC⁺15, SSY15, SCT18b, VO16, Wak17, WLW⁺18, WCKH10, XZY⁺10, XLX17, YDE11, YGLW15, ZZM17b, AV16, HMZ15, OB18, TYL⁺18, WS10]. **Awareness** [RL11]. **Axes** [Whi12a]. **Axial** [VBVP14].

B [EDH⁺18, KOA15, RT12]. **B-spline** [RT12]. **B-Tree** [EDH⁺18]. **Baccelli** [Kon10, Pen10]. **Back** [Har10b]. **Backbone** [DE10]. **Background** [KS16]. **Backoff** [IAG⁺14]. **Backtracking** [LZ19]. **Backward** [LCX14, XHTH13]. **Bad** [KCC15]. **Baier** [Lar10]. **Balanced** [KV19, XHC⁺15]. **Balancing** [CMY17, LMMP16, RLTZ17, YWR⁺14]. **Ballots** [CW12a]. **Bandit** [LV17, PANH10]. **Bandwidth** [CLLL17, LFHF14, LWZ⁺18, SKK⁺12, SLW⁺17, WCKH10]. **Bandwidth-Availability-Based** [LFHF14]. **Bandwidth-Based** [WCKH10]. **Bank** [KV16]. **Barrier** [KSH⁺14, NK19]. **Base** [ISST19]. **Based** [AOS⁺15, AAA19, AFGG11, AV16, AZHASD14, AJ17, ALA19, ABS12, ACPD11, ASS15, BL11, BWLA16, BBM17, BG15, BDC11, BÜ11, BGM⁺13, BBKL19, BACD13, BP19, Cai12, CLL14, CCUA14, CBA18, CZLC14, CL17, CZCD18, CLG⁺19, CLND19,

CCC⁺¹⁰, CZL⁺¹⁸, CHDP17, Chi12, CD16, CHH⁺¹⁹, CSS16, DE10, DH12a, DJAJ15, DHT⁺¹⁹, DSBB19, DA18, DB13, EA17, ED09, ED10, EMB19, EMTSM18, Erg11, FEDHL16, FNP12, FFH17, FVS17, FS18, GWW⁺¹³, GWWC15, GSW⁺¹⁶, GLBS13, GK17, GDCC16, GYDX12, GY13, GJJ15, HSMY12, HSMY14, HLJ⁺¹⁵, HPG⁺¹⁵, HQL17, HBC⁺¹⁹, HCZ⁺¹⁹, HHL10, HZX15, HWS⁺¹⁹, HLC10a, HZQ⁺¹⁹, HuRH⁺¹⁵, HHH16, HH14, HP17, IEBS19, ISH13, IDVGMP⁺¹³, JDAS12, JD12, JHHC15, JJO⁺¹⁷, KS18, KHC15, KAS13, KTRRJ18, KTRRJ10, KZY16, K VX12, LMGC17, LMG⁺¹⁸, LYY^{+18a}, LHYW12, LP14, LDLJ15, LTH⁺¹⁵, LDZ16, LTZY16, LYPL17, LBZ19, LPL15, LSLW15]. **Based** [LS14, LY10, LL11b, LYL⁺¹⁸, LZ19, LNWX19, LCLL12, LWW13, LPD13, LFHF14, LGHD15, LW16, LCXZ16, LZWY18, LLV10, LV17, LGPRH14, LNBFP13, LDB⁺¹⁵, LLS17, LLF17, LLH18, Ma17, ML13, MBC15, MKN13, Meg18, Meg19, MGBD15, MK19, NSRP15, NNF19, Ni16, Nic11, NL19, ÖKA11, PABD10, PB12, PZ19, PiLCH11, PR11, PYM⁺¹⁵, PDNH15, PYS18, PL18, Pop11, PP17, QF19, RHH12, RDZ⁺¹⁶, RSW14, RAJ15, RRCC⁺¹⁵, RJV13, dMRGAS18, SV15, SAKOK11, SJ18a, SBV19, SM16, SL10a, SH15, SLW⁺¹⁷, SK18b, SJ18b, SZB19, SSK19, SKK18, SKS19, SZL15, SGH15, STBB14, TLRE11, Tan11, TPG⁺¹⁵, TL19, TA16a, TA16b, TNWT14, TT12, TTH15, TV12, TKB11, UKW⁺¹⁸, VBVP14, VGA15, VGA19, Wak17, Wan14, WS15, WZCC18, WT18, WDCL18, WLH15b, WCKH10, WT10, WMS⁺¹², WCW⁺¹⁴, WHSW15, XLM⁺¹⁴, XXW11, XGLM14]. **Based** [XZW⁺¹⁷, YC11, YGFL15, YWR⁺¹⁴, YYO15, YMWS11, YHS⁺¹⁷, ZTBW11, ZWJ⁺¹⁴, ZDM⁺¹⁵, ZXZ⁺¹¹, ZCL⁺¹², ZCL13, ZMW16, ZZ17, ZZM17a, jZ18, ZCX⁺¹⁶, ZVH11, ZVG16, ZYM18, ZDCZ18, ZYH⁺¹⁹, ZSJ10, ZZZ14, ZHL15, ZDZ^{+15b}, BWR12, CWZ19, FM11, GH17, GN19, HY11, Hsu12, HHH⁺¹⁸, IA15, KJ11, LSW10, MS14, NS16, RLVRGÁ15, SZW⁺¹⁸, TYL⁺¹⁸, WHLH16, WS10, WXZ⁺¹², WWJ18, XLXZ17, YWFQ18, Ver17]. **Bases** [Sta18]. **Basis** [BBP13, Bro10, FGR17, Mel13]. **Bat** [SZW⁺¹⁸]. **Bayesian** [Cha11, GOR⁺¹⁰, SF17]. **BC** [LSG⁺¹⁹]. **BCPL** [Ric13]. **BE** [VRD10]. **Bees** [RLVRGÁ15, XYL⁺¹¹]. **Before** [SWLZ12]. **Behavior** [CLC⁺¹⁹, CLJ⁺²², HCZ⁺¹⁹, SCKH18, TKB11]. **Behavior-Obfuscation** [CLC⁺¹⁹, CLJ⁺²²]. **Behavioral** [Cao10, Cao14, GIP^{+12a}, GIP^{+12b}]. **Behaviors** [GAF⁺¹⁵, LBD⁺¹⁹, VB16]. **Behaviour** [WDW12]. **Behaviours** [RiCH10]. **Belief** [SBV19]. **Benchmarking** [Jar12, MSWI⁺¹², TU17]. **Benchmarks** [LPV10, WT12]. **Bending** [Xie11]. **Better** [HM16, JG15]. **Between** [JLS11, RSW14, SPdGPM18, ZC10, LCX14]. **Betweenness** [Che14]. **Beyond** [Roc12]. **Bézier** [GTS⁺¹¹]. **BFT** [CNV13]. **BFT-TO** [CNV13]. **Bibliography** [Cal11b]. **Bidders** [FXV13, Vel10]. **Bidirectional** [HC15]. **Big** [NPTZ16, NP16, XLX17]. **Big-Data** [NPTZ16]. **BigFeel** [FP19]. **Bilinear** [ASS15, IL15]. **Binary** [AÇPD11, FET17, LYC11, Mer13, RCS16, SSS16, SK18b, Sta18, TPV18, YTV16]. **Binding** [ARR⁺¹⁶, CK10]. **Bio** [ABG⁺¹², VGA19]. **Bio-Inspired** [ABG⁺¹²]. **Bio-Key** [VGA19]. **Bioinspiration** [XYL⁺¹¹]. **Biological** [Mit12, STW⁺¹⁸]. **BioMedical** [AJ17]. **Biometric** [NGAuHQ16, YYK⁺¹⁷]. **BIP** [AÇPD11]. **Bipancycle** [Fan10]. **Bipancycle-Connectivity** [Fan10]. **Bipancyclicity** [Fan11]. **Bipartite** [WHS⁺¹⁶]. **Bird** [HQL17]. **Birds** [HQL17]. **Birthmark** [PiLCH11, YWFQ18]. **Biswapped** [CL17, LC14, XS11]. **Bit** [CHL14, GGZC11, JJO⁺¹⁷, KTM19, OLL15,

YLL⁺¹², K VX12]. **Bit-Parallel** [CHL14]. **Bit-Vectors** [OLL15]. **Biterm** [LZL⁺¹⁹]. **Bits** [Sin12, YCL17]. **BlackjackBench** [DLM⁺¹⁴]. **Blind** [BCPV11, LGPRH14, Tan11, YMWS11]. **Block** [GSS19, STW⁺¹⁸, YCL17, ZX16]. **Blockchain** [BT18, PTOM18]. **Blockchains** [RM19]. **Blogs** [HY15]. **BMC** [YDHW18]. **Board** [EÇGK16]. **Body** [BY14, FFH17, KL14, KSPR15]. **Body-Worn** [BY14]. **Bone** [SBV19]. **Book** [Gaz10, Jas10, Joh10, Lar10, Lav12, Lev10a, Lev11a, Maj10, Mar10a, Uli11]. **Boolean** [AGR15, SZL15, ZZQ⁺¹⁹]. **Boosted** [ÖKA11]. **Boosting** [FNP12, ZMZ17b]. **Bootstrapping** [WWXH18]. **both** [SDN15]. **Botnet** [NSA15]. **Bottom** [BGM⁺¹³]. **Bottom-Up** [BGM⁺¹³]. **Bound** [RMR^{+15a}, WJ19]. **Boundary** [BKPS10]. **Bounded** [KLA⁺¹⁵, PDNH15, QZZ18, ZYT13]. **Bounding** [CTIAP12, MPLDV13]. **Bounds** [ASCTFP16, GF17, Jia17, LJ15, PB14]. **BOUQUET** [MMH18]. **Box** [BW16, LYL⁺¹⁸, RMP10]. **Boxes** [WJ19, LJ15]. **BPEL** [MK15, aSPW⁺¹⁷]. **Brain** [VBVP14]. **Branch** [ZYY19]. **Branches** [YLC15]. **Branching** [GF13, WCW10]. **Breakdowns** [YC19]. **Breaking** [CLS15]. **Bribery** [CW12a]. **Bridge** [yZdZhZ18]. **British** [GG10]. **Broadcast** [FYF⁺¹⁸, LMGC17, LMG⁺¹⁸, MPSP17]. **Broker** [SBBB12]. **Browser** [QF19]. **Browsing** [YZJH12]. **BT** [WT12]. **Bubble** [WWW16, ZHW19, WW19]. **Bubble-Sort** [WWW16, WW19]. **Bucket** [CC19]. **Buffering** [NHC13]. **Bug** [ZJLC16]. **Building** [DFG10, HHCL10, JG15, Lav12, RMB11, SRD⁺¹²]. **Built** [Gra12]. **Bulk** [BV15]. **Burnt** [SZL16]. **Business** [DBC18, LDB⁺¹⁵, WDW12]. **Butterfly** [RMP⁺¹⁶]. **Bypassing** [WZ17]. **Bytecode** [BDT10].

C [AD16, LCMC11, YWY10]. **C#** [PS17]. **C-like** [LCMC11]. **C-Planarity** [AD16]. **C3ware** [LPL14]. **Cache** [CP16, HLAZ15, Kha11, LGHD15, MDB⁺¹⁸, SSS16, SY15, YC11, ZWJ⁺¹⁴]. **Cache-Sensitive** [SSS16]. **Caching** [GRVD⁺¹⁵, HGRV15, HLAZ15, YIUH14]. **Calculation** [NYT⁺¹¹]. **Calculus** [HY11, Mis14, Cao10]. **Call** [HLC10a]. **Cambridge** [Maj10, Har11]. **Camera** [FFH17]. **Can** [dRFMD⁺¹⁷, YZLC15]. **Cancellation** [BBP13]. **CAP** [MEdJMGE⁺¹⁹]. **Capabilities** [DBHC15, Lop15a]. **Capability** [DBC18, IA15, SDN15]. **Capacitor** [Mar10b]. **Capacity** [CP16, HZWT15, ZDCZ18]. **Capsule** [Kam10, Kam11a, Kam11b, Kam11c, Kam11d, Kam11e, Kam11f, Kam11g, Kam11h, Kam11i, Kam11j, Kam12a, Kam12b, Kam12c, Kam12d, Kam12e, Kam12f, Kam12g, Kam12h, Kam12i, Kam12j, Kam12k, Kam13]. **Capture** [BP10, ZDZ^{+15a}]. **Capturing** [CXH14]. **Carbon** [HMZ15, MSW⁺¹², RATB⁺¹³]. **Carbon-aware** [HMZ15]. **Carlo** [WL13]. **Carry-Select** [LSTC11]. **Cartesian** [SAK16, WZF18, YC14b]. **Cascadable** [BHAC10]. **Cascade** [Kot11, ZL19]. **Cascaded** [MZW⁺¹⁸]. **Case** [Bla13, OS18, PRG⁺¹⁰, RMGT11, SY15, YL17]. **Cases** [EFYS19, GB14, SHH⁺¹⁵]. **Cash** [Tan11, YMWS11]. **Casting** [CW12a]. **Categorization** [CZC10, PWY⁺¹³, Zam19]. **Caterpillars** [CFS14]. **Causal** [ALH17, YWDW12]. **Causality** [Win11]. **Cayley** [XZLL18, ZH19]. **CBR** [KAS13]. **CBR-Based** [KAS13]. **CCA** [BWLA16, CBJX19, CZLC14, GWW⁺¹³, HWS⁺¹⁹, LLPY19, LTZY16, LSLW15, PDNH15, ZYY19, ZY17]. **CCA-Secure** [BWLA16, CZLC14, GWW⁺¹³, LTZY16]. **CCA2** [LLSW16]. **CCSA** [NP16]. **CDH** [PDNH15]. **CDNs** [HZWT15]. **Celebration**

[Har11]. **Cell** [CCUA14, VRD10]. **Cells** [LZL⁺17, STW⁺18]. **Cellular** [Dan11, LAP11, LZZZ13, ZYY⁺13]. **Center** [IEBS19, JWCZ13, LFLJ18, PCC⁺16, SLW⁺17]. **Centers** [CCHL18, LGC19]. **Centrality** [Che14, LZ19, Meg19]. **Centres** [RATB⁺13]. **Centric** [GRVD⁺15, HGRV15, LGC19, ZVG16]. **Centroid** [GYDX12]. **cepsral** [CC11]. **Cerebral** [PKM18]. **Certificate** [BP19, CGE⁺14, GWWC15, KSH⁺14, LTH⁺15, LDZ16, LLS17, WMS⁺12]. **Certificate-Based** [GWWC15, LTH⁺15, LDZ16, LLS17, WMS⁺12]. **Certificateless** [GWWC15, HMS⁺12, IL15, LSQZ17, LSQL18a, RSD19, SZS14, TCL15, WMS⁺12, YY17, ZM18]. **Certificates** [HP17]. **Certification** [BF19, LDB⁺15, Ver17]. **Certifying** [SW14]. **CFD** [CXF⁺15]. **Chain** [WL13]. **Chained** [JC10]. **Chains** [VM14, YLW⁺17]. **Challenges** [AFG⁺17, Fra15, RJS⁺17, WRSV12, ZJLC16]. **Chan** [MPP15]. **Chance** [SA11]. **Change** [BPK10, CDYC11, GK17, TSC⁺17]. **Changepoints** [GOR⁺10]. **Channel** [CLL14, KH10, SJ18b, TT12, Whi12a, YL17, ZYY⁺13, ZJH⁺15]. **Channel-Recommendation** [CLL14]. **Channels** [Cao10, Hie13, QZXR15]. **Chaotic** [Erg11, PC12]. **Characteristics** [SDN15, WT12]. **Characterization** [CXF⁺15, DLM⁺14]. **Characterizations** [Yan19]. **Characterizing** [TRY16]. **Charging** [LSY⁺16]. **Cheating** [DD10a]. **Checking** [BK08, Das17, FYMY15, JLDJ19, KLA⁺15, YL17, Lar10]. **Checkpointing** [RMGT11]. **Checkpoints** [BDL⁺13]. **Chess** [Lev11b]. **Children** [PKM18]. **Chinese** [SY13]. **Chip** [AS11, ADML⁺13, BHAC10, CCCS11, DAOG14, Jas10, JC10, Nur07]. **Choices** [HZJS17]. **Chris** [Mal10]. **Christel** [Lar10]. **Churn** [IK17]. **CHURNs** [RBNB15]. **Cios** [Gaz10]. **Cipher** [BW16, DM18, DG12, Hey17, LJ19, YCL17]. **Ciphers** [DJG⁺15, Hey17, LJ16, ZH15]. **Ciphertext** [CHH⁺19, JMG⁺16, PDNH15]. **Ciphertext-Policy** [CHH⁺19]. **Ciphertexts** [LLPY19]. **Circuits** [LAP11, WLZ⁺15]. **Circulant** [GSRM17]. **Circular** [CHL14, IEBS19, LA12, LJA15, PZ19]. **Circus** [ZLCW14]. **City** [GTK⁺19]. **Civil** [ET19]. **Clairvoyant** [SW14]. **Class** [BCG12, DTFT11, DTFT12, DCLN11, JZ13, KH18, NM19, SY15, TZ11]. **Classes** [DP16, DGV17, PS17]. **Classification** [CC19, CHH⁺19, FET17, FGR17, HPG⁺15, IK17, JYP⁺15, JS15, LR10, PT13, SBV19, SPJA11, Yil12, ZCL⁺12, ZSJ10, KAZ18]. **Classifier** [FXV13, GYDX12, JD12]. **Classifiers** [Tah11]. **Clause** [TA16a, TA16b]. **Clause-Based** [TA16a, TA16b]. **Clauses** [WJ16]. **Clients** [Chi16, LLPY19]. **Clique** [DP16]. **Clique-Width** [DP16]. **Closing** [Den12a, Kap11]. **Cloud** [AJA16, BBM17, BGD⁺10, CFM17, CLL14, CLH⁺14, CC14, CTD18, CCHL18, CL15, CL16, CMY17, DSBB19, DB15, EFV15, EV16, ETR⁺16, FPY15, GA18, GB15, HSMY14, HLZ15, HuRH⁺15, IJY⁺14, KMSM15, KS18, KKM15, KHC14, KCZJ14, K p15, LCH16, LPL14, LLPY19, LfHmXjL11, LDLJ15, LWS⁺14, LWZ⁺18, LNBFP13, MDS15, MGM12, NPTZ16, NP16, NNN⁺14, PXG⁺17, PCC⁺16, RLTZ17, RMFM15, RR16, RJ18, RAJ15, SL14, TV15, URHK19, Wak17, WRSV12, XTH11, ZZQ⁺19, ZVH11, ZVG16, ZDL⁺17, ZDZ⁺15b, dAEN⁺18, HHH⁺18, NP16]. **Cloud-Based** [DSBB19, KS18, LNBFP13]. **Cloud-Distributed** [NPTZ16]. **Clouds** [AD11, Jay12, LLLW17, XLX17]. **Cluster** [BP19, EDH⁺18, LWZ⁺18, SM16, EDH⁺18]. **Cluster-Based** [BP19, SM16]. **Clustered** [EB12, HYZ17, KS18, SJ18b]. **Clustering** [AGF15, AV16, CTD18, DE10, DLV10, EA17, ISST19, KRDH13, LH11, LLN⁺15, PRJS11,

PKM18, SSS12a, SVG⁺¹⁵, ZDZ^{+15b}].

Clusters

[HHV17, HZQ⁺¹⁹, PXG⁺¹⁷, WT12]. **Co** [HY15, LLZY15, MMAY19, SK18b, ZYY⁺¹³, LHYW12]. **Co-Channel** [ZYY⁺¹³].

Co-creation [HY15]. **Co-independent**

[MMAY19]. **Co-occurrence** [SK18b].

Co-Occurring [LLZY15].

CO-SVC-MDC-Based [LHYW12].

Coalgebraic [CKP⁺¹¹]. **Coalition**

[Ano10, LWW13]. **Codd** [HLL11]. **Code** [CCL⁺¹³, DD10b, ĐG13, GDKP10, LLDL17, QO17, SV15, SJ14, Sta18, Tah11, WCCL13, XHC⁺¹⁵, ZZX16]. **Code-Based** [SV15].

Coded

[ECL15, HZQ⁺¹⁹, HXQ⁺¹⁹, XHQX18].

Codes [FAFD15, KBN10, KS19, ZSL19].

Coding

[JYL18, LR12, PBL14, Whi12a, WCXZ17].

Coefficient [Meg19]. **Coefficient-Based**

[Meg19]. **Coefficients** [GB10]. **Coercion** [CW12a]. **Coexistence** [AZHASD14, PR11].

Cognitive [Alm19, DA18, KV16, MDN⁺¹¹, NB12, SJA17, Sak10, SJ18b, ZJHJ17, ZJHJ19, ZJH⁺¹⁵]. **Cohesive** [FMRS17].

Collaborate [NM19]. **Collaboration**

[HLZ⁺¹⁷, RATB⁺¹³]. **Collaborative** [KJR15, LPL14, MK11, ÖKA11, SNG⁺¹⁰, STBB14, ZWC⁺¹⁹, TYL⁺¹⁸]. **Collection** [CCF11, CCC⁺¹⁰, IDVGMP⁺¹³, WBS15].

Collective [HQL17]. **Collision**

[HHL10, SM16]. **Collocative** [MKW11].

Colony [ZDZ^{+15b}]. **Color**

[BCPV11, BÜ11, FET17, KYU11, LL11b].

Color-Texture [FET17]. **Colored**

[HWCZ16, jZ18]. **Coloring** [LL14].

Coloured [HJL16]. **Colouring** [HJP15].

Combinatorial [MMAY19]. **Combined**

[Chi14, OJSO14, SSK12].

Combined-Semantics [Chi14].

Combining [ASCTFP16, HM13, HHCL10,

JLDJ19, LZHS14, LBD⁺¹⁹]. **Comment**

[Ver17]. **Comments** [GG10, TCL15].

Commerce [LNBFPA13, AAA19].

Common [CZC10, LWC15, PiLCH11].

Communication

[ADBPLV13, AV16, Awa13, BP19, Das17, Dim13, HCZ⁺¹⁹, KSPR15, Kon10, OKG⁺¹², QS15, RTE⁺¹³, SZB15, VO16, WNNZ17].

Communication-Aware [VO16].

Communications [CL13, EMB19, GH17,

HH17, LZZZ13, RSD19]. **Communities**

[AAZ13, FMRS17, LH13, WCW⁺¹⁴,

YMS⁺¹⁵, ZL15]. **Community**

[CJYY17, DLL⁺¹³, HBS⁺¹⁹, Jun12, KCC15, LBD⁺¹⁹, LLV10, RMB11, XLM⁺¹⁴].

Community-Based [LLV10].

Community-Topic [DLL⁺¹³].

Commutability [DPZ11]. **Compact**

[BF19, EB12, LSQX19, ZMW16].

Compaction [Sin12]. **Comparative**

[GÁVRRRL16, KV16, MCT19, TKB18].

Comparing

[HBDJ13, HMM11, MS11, SZL15].

Comparison [AHM15, CQL10, Do11,

RCS16, STW⁺¹⁸, XLXZ17]. **Comparisons**

[JS15]. **Compatibility**

[CFS13, CFS14, WDW12]. **Competitive**

[ADBPLV13]. **Compiler**

[JMB12, MKW11, PHB15, RCS16].

Compiling [LCMC11]. **Complete**

[KM14, LMMP16, XZL17]. **Complex**

[AHM15, Cro10, LBZ19, Meg16, Meg18,

SY13, SSS^{+12b}, VGA15, WHYH12,

WDW12, YZLC15]. **Complexity**

[GdJ13, HHS⁺¹⁵, HJP15, AUB11].

Compliant [YT16a]. **Component**

[Bro10, HMM11, ML13, MV16, TLRE11].

Component-Based [ML13, TLRE11].

Component-Oriented [Bro10].

Components [EFY16, YEFVJ15].

Composing [TLRE11]. **Composite**

[Elg15, NB17]. **Composition**

[BZS⁺¹⁶, NRZQ15, WXP⁺¹⁰, ZSX10].

Compositional [HS11, YDHW18].

Compositionally [YEFVJ15].

Compositions [MK15, Mer13, YEFVJ15].

Comprehensive [RDB^{+14a}]. **Compressed**

[JJO⁺17]. **Compression** [BMG12, CC19, DB13, FNP12, GHMP18, KXS⁺10, KBN10, LJF19, MMB13, Pop11, PH15, SY13, TS17, WGZW14]. **Computable** [Bla13]. **Computation** [Abd15, Aho12, ABL⁺18, Bac12, Baj12, BBDF11, BE12, Buz12, Che14, Con12, Den12a, DW12, Den12b, Den12c, Fra12, FGS15, Fre12, Gel12, LLZY15, LHM⁺15, Mit12, NSMS14, RR16, Ros12a, Ros12b, SH10, SCD15, WLH15a, Weg12, ZWC⁺19]. **Computational** [Aho12, KV15a, MMay19, NBN14, Nil10, TSK17, Tra12, WLHH18]. **Computed** [STW⁺18]. **Computer** [Bra11, CZC10, GG10, Gra12, Ham12, HS11, KHC14, LL15, NLDH11, SM12, Trc10, BTHS12, GG10, Mal10, Mil10, Pen10]. **Computers** [FGG13, LPD13, Lav12]. **Computing** [ACW13, AKL⁺19, AJA16, BFCRH14, BGD⁺10, BGM⁺11, BD16, CFM17, CL15, CCCS11, DB15, DN16, EFV15, ETR⁺16, GA18, Gur15, HSMY14, HHCL10, HuRH⁺15, IJY⁺14, IJM14, JAAA⁺17, Jar12, Jas10, JSP13, KMSM15, KHC14, KCZJ14, LHL16, MDS15, MHW10, MCT19, MGM12, NP16, Nur07, OS16, PB12, PSP14, PXG⁺17, RMFM15, RAJ15, Ros12a, Ros12b, SMLM14, Wak17, XTH11, XZA14, YCL15, ZSX10, ZWC⁺19, dAEN⁺18, ÁHFE18]. **computing-intensive** [ÁHFE18]. **CON** [WGL⁺18]. **CON/SLK** [WGL⁺18]. **Concentrations** [LWKB15]. **Concentric** [PZ19]. **Concept** [CHDP17, DBHC15, DSZZ15, MS14, TMC15, ZDCZ18]. **Concepts** [PTP10]. **Conceptual** [SAPS19, SSS12a]. **Conclusive** [GdJ13]. **Concurrency** [YDHW18]. **Concurrent** [ER14, HLC10b]. **Condition** [LJC11, SAK16, XZL17]. **Conditional** [LK18, LLTY13, LSLW15, SZL16, XZLL18, ZLX⁺19]. **Conditionally** [ZJ14]. **Conditions** [MK15]. **Confidence** [dMRGAS18]. **Confidentiality** [HLLC11]. **Configurable** [EFV15]. **Configure** [MT11]. **Conflict** [HFP⁺19]. **Conflicts** [CZLY19]. **Congestion** [HCL15, LWDZ16, LR14]. **Congestion-Aware** [LR14]. **Congruence** [HJL10]. **Conjunctive** [Chi14]. **Connected** [HYZ17, ZM19]. **Connection** [CW12a]. **Connections** [SMLM14, ZL19]. **Connectivity** [Fan10, GHFY18, OKA17, WWW16, WZF18, XZLL18, ZHW19, ZH19, ZWFW15, WW19]. **Conquer** [VvdAMG17]. **Consensus** [BD14, YZLC15]. **Consideration** [Fre12]. **considerations** [LJWL19]. **Considered** [Fre12]. **Considering** [KCC15, SGG⁺13]. **Consistency** [KLS18, MEdJMGE⁺19]. **Consistent** [CL15, CFJ⁺10]. **Constant** [AEHS15, KOTY17, LSQX19, ZMW16]. **Constant-Round** [KOTY17]. **Constant-Size** [AEHS15]. **Constants** [CW11]. **Constellation** [OJSO14]. **Constrained** [CLSV15, JMG⁺16, KÖ14, KO15, LWC15, ZLYX10]. **Constrained-Version** [KÖ14, KO15]. **Constraint** [BBGM14, KLS18]. **Constraints** [BBGM14, KV16, KKPb14, QS15, SZB15, WWHL12, WS15, ZC10]. **Constructed** [ZH15]. **Constructing** [Dun11, KÖ14, KO15]. **Construction** [BWLA16, BPBRT16, CFJ⁺10, EEK17, GWW⁺13, GWWC15, KM14, KTA12, SMM⁺19, WMS⁺12]. **Constructions** [KOTY17, YLL⁺17]. **Constructive** [CFJ⁺13]. **Constructs** [TKM11]. **Consumption** [AG12, GGZC11, LNBFP13, PHB15, RATB⁺13]. **Contact** [WBS15]. **Contagion** [TNWT14]. **Contagion-Based** [TNWT14]. **Contained** [ZLL⁺14]. **Container** [HHV17]. **Containerized** [TS19]. **Contemporaries** [Lav12]. **Content** [AAZ13, AGP10, AGM⁺16, GRVD⁺15, GLBS13, HGRV15, ÖKA11, PW12, PA15, PZPS15, PH15, SK18b, SMLM14, VBVP14, WZXL12, XLM⁺14, ZXZ⁺11].

Content-Based [SK18b, VBVP14, XLM⁺14].
Content-Boosted [ÖKA11].
Content-Centric [GRVD⁺15, HGRV15].
Content-Modelling [AAZ13]. **Contention** [CWCS14, PR11, ZTBW11].
Contention-Based [PR11, ZTBW11].
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Context-Awareness [RL11].
Context-Driven [DG15a]. **Context-Free** [ZTTM18]. **Contexts** [SMLM14].
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Contracting [JZ13]. **Contracts** [vdALM⁺10]. **Contrast** [JDAS12].
Contrasting [LPP⁺13]. **Contribution** [Mal10]. **Contributors** [Ma17]. **Control** [ATS15, CUA14, Cha10b, Che15b, CHDP17, HSMY12, HBC⁺19, HHS⁺15, HLC10a, HCL15, HFP⁺19, JCSZ13, KHC15, KHR⁺19, LWW13, LLLW17, LKG10, SC10, WN11, XTH11, YDE11, YWFQ18, ZTBW11, ZLYX10, ZVH11, ZDL⁺17, ZLG15].
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Controlled [GTS⁺11, WP17]. **Controller** [HXLX18, HXLX22]. **Controllers** [MT11].
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Correcting [ABS14, Yas19]. **Correction** [Yas19]. **Correlation** [LBD⁺19, Meg19, XTH11, YCL17].
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Correspondences [WDW12].
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Cost-driven [ÁHFE18]. **Cost-Efficient** [DSBB19, LGHD15]. **Cost-Sensitive** [LV17]. **Costs** [HJM12, MSWI⁺12].
Coteries [Kuo10]. **Could** [Sab11]. **Counter** [BGM⁺13, SPRR⁺17]. **Counter-Based** [BGM⁺13]. **Countermeasures** [PZPS15].
Counting [KR14, ST17]. **Counts** [DHW10, Mal10, MKL18]. **Coupled** [Erg11].
Covariance [AAH10]. **Cover** [ISD15, LWPZ13]. **Coverage** [CSS16, SP10, TU17, TMOO11, WZ17].
Coverage-Driven [SP10]. **Covered** [ABM12]. **Covering** [BBB⁺15]. **Covert** [NSA15]. **CPL** [Ric13]. **CPPC** [RMGT11].
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Crawlers [TU17]. **CRC** [Joh10].
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Creative [PCLU12]. **Credible** [ZW15].
CRESCENT [Elg15]. **Crick** [ZTTM18].
Crisis [GST15]. **Criteria** [PYS18, BHR10].
Criteria-Based [PYS18]. **Critical** [Cro10, RMB15, Sta18, TKB18, YWSH10, ZLCW14]. **CRM** [LHM⁺15]. **Cross** [CCF11, DSB15, Erg11, KOA15, LHM⁺15, MV16, OB18, PCLU12, YGFL15, ZLYX10].

Cross-Context [PCLU12]. **Cross-Coupled** [Erg11]. **Cross-Layer** [LHM⁺15, OB18]. **Cross-Network** [CCF11]. **Cross-Resolution** [KOA15]. **Cross-Site** [DSB15]. **Crossbar** [JC10]. **Crossed** [CKH18]. **Crowd** [FZCL18, LZWY18, PL18, TKB11, WWJ18]. **Crowd-outsourcing** [WWJ18]. **Crowd-Powered** [PL18]. **Crowdsourced** [Alm19]. **Crustal** [NHMI13]. **Cry** [Day11]. **Cryptanalysis** [DG12, DJG⁺15, LJF16, LSQ18a, LSQX19, LJ16, MV19, YCL17, YMWS11]. **Cryptocurrency** [RM19]. **Cryptographic** [RMP10, YS15]. **Cryptography** [LWL10, VGA19, YL17]. **Cryptosystems** [CLND19]. **CS** [LJ19]. **CT** [LJ18b]. **cube** [Fan10, Fan11]. **Cubes** [CKH18, CFJ⁺13, LLF17]. **Cubic** [BK12a, BK14, RT12, XZL17]. **Cues** [HZA18]. **Current** [RJS⁺17]. **Curve** [ABS12, MSTA17]. **Curvelet** [SK18b]. **Curves** [BWR12, GTS⁺11, LL11a]. **Cushion** [XYL⁺11]. **Customer** [HY15]. **Customization** [PCC⁺16]. **Cut** [DA14]. **Cuts** [Yan19]. **Cutting** [CC19]. **Cyber** [OS18, WYL⁺13]. **Cyber-Physical** [WYL⁺13]. **Cybersecurity** [TK15]. **Cycle** [EFV15, LLF17, MKN13]. **Cycle-Based** [MKN13]. **Cycle-sharing** [EFV15]. **Cycles** [CL17]. **Cyclic** [YLLS16]. **Cycling** [ZLX⁺15, HB11].

D [DB13, FGR17, GB10, Hua14, KV16, jLbLzH18, LJ15, MBRM15, PG11, ZZLL18, ZX16]. **D-like** [LJ15]. **Daily** [BY14]. **Data** [AJ17, AJBTT19, ABCG11, BPFK19, BdBG⁺17, CZLY19, Cao14, CCF11, CCHL18, CLG⁺19, CCC⁺10, CPSK07, CHH⁺19, DCA18, Dow15, EKOS19, ET19, EV16, ETR⁺16, FYMY15, FPY15, GTK⁺19, GRK13, GAFF⁺14, HSMY14, HZHC11, HZQ⁺19, JDAZN16, JYP⁺15, JRC⁺10, JWCZ13, KRDH13, Kha11, KSPR15, KLT⁺15, Kot11, LLPY19, LJA13, LLZY15, LFLJ18, LCMC11, LHFF13, LM17, LGC19, MDY15, Ma17, MP18, MMH18, MP17, MDB⁺18, Meg18, MDSF12, Mur10a, NTSA16, NH19, NPTZ16, NP16, NC16, ÖKA11, PB12, PSP14, PG11, PCC⁺16, PZL12, Pyl19, QZZ18, RR16, RJ18, RATB⁺13, RM08, SAPS19, SMM⁺19, SJ18a, SLW⁺17, SSS⁺12b, SWLZ12, Tan15, WLH15a, WZCC18, WBS15, XLX17, YB16, ZVH11, ZH14, ZDL⁺17, ZTL15, Gaz10, Lev10a]. **Data-Driven** [GRK13]. **Data-Intensive** [EV16, ETR⁺16, RR16]. **Data-Plane** [MMH18]. **Database** [Cha10a, SC11]. **Databases** [AJ17, ABL⁺18, GBA18, WP17]. **Datacenters** [RAKJ17]. **Dataflow** [WS15]. **Dataflow-Based** [WS15]. **Datagram** [HCL15]. **Datasets** [GRK13]. **Date** [WGL⁺18]. **DBM** [CW11]. **DCCP** [RDB14b]. **DCell** [LFLJ18, WEFJ15]. **DCF** [YT11, HJL16]. **DCOPs** [KTTRJ18]. **DCT** [GB10]. **DDoS** [CZL⁺18, SP15]. **Deadline** [CLSV15]. **Deadline-Constrained** [CLSV15]. **Deadlock** [Cha10b, Das17, YEFVJ15]. **Deadlock-Free** [YEFVJ15]. **Dealing** [VN16]. **Decades** [Koc10]. **Decentralized** [BCKM17, BDL⁺13, CMKJ10, CD16, JRC⁺10, MEH19, RFMJ10, SDW13, VMF⁺14]. **Decimal** [KJ11]. **Decision** [ATA19, Ano10, DG15a, Lev10a, LV17, OS18, SS10b, Tah11, XXW11, Yil12, RM08]. **Decision-Making** [DG15a, SS10b]. **Decisional** [CCL⁺19]. **Decisions** [JD12]. **Decoder** [PBL14]. **Decomposed** [VvdAMG17]. **Decomposition** [ACG⁺11, FS18, K VX12, LR12, NS16]. **Decoupling** [HK13]. **Decreasing** [WM19]. **Deduplicated** [BBM17]. **Deduplication** [LDLJ15, MDY15, VB16]. **Deduplication-Based** [LDLJ15]. **Deep** [KK18, Mur10a, SBV19, TD12, VWR11, dLGCML14, KAZ18]. **Defects** [DD19].

Defence [Nic11]. **Defense** [CL18]. **Defined** [AFG⁺17, Ano17, DP16, dRFMD⁺17, GHMP18, JAAA⁺17, LZL⁺17, LLDL17, RJS⁺17, RASM17, WB16]. **Degradation** [Kuo10]. **Degree** [AHM15, LPV10]. **Degrees** [HBDJ13]. **Delay** [AG12, AK12]. **Delegated** [MZHY15, TMC15]. **Delegation** [YAM⁺15]. **Deletion** [TPG⁺15]. **Delimited** [PK18]. **Delivery** [SPRR⁺17]. **Delivery** [AGP10, ABCG11, LCH16]. **Delta** [BPK10]. **Demand** [CDYC11, CP16]. **Demand-Aware** [CP16]. **Dendrograms** [Bra10]. **Deniable** [HLLC11]. **Denial** [BKBK14, LÖ10, PP17]. **Dense** [ABH15, LZL⁺17]. **Density** [ZH14]. **Dependability** [BCK⁺11]. **Dependable** [Llo13]. **Dependencies** [BL15a, FSGS15, LLTY13, SKS19]. **Dependency** [DJAJ15]. **Dependent** [DB15, Dim13, PT13, WXLL18, ZHL⁺17, GdM16, JJ18, WGL⁺18]. **depending** [JJ18]. **Deployed** [ED09, ED10]. **Deploying** [Cor11, DCLN11, FT11]. **Deployment** [HL15, PZ18, SZB19, YHS⁺17, ZWJ⁺14]. **Depth** [AUB11]. **Depth-optimal** [AUB11]. **Derived** [HK15]. **Deriving** [EFYS19, Mel13, YEFVJ15]. **Describing** [DBC18]. **Description** [YT16a]. **Design** [AK12, BGM⁺11, CvdT10, Cro10, DAOG14, DPZ11, EFV15, FWC13, Fra11, HS19, HLC10b, Jas10, JC10, LJA13, Lop12, MGBD15, Nur07, RTE⁺13, SKKM15, YAQ12]. **Designation** [Che15a, LSQ18b]. **Designing** [BH10, OLF⁺17, PSD15]. **Desktop** [LCH16]. **Detect** [LJ18b, NSA15, WOLP15]. **Detecting** [BSK19, BKBK14, CZ19, GN19, HCZ⁺19, MS11, PiLCH11, SH15, TV12, WHS⁺16, WCW⁺14, YSC⁺15, ZYWW13, ZL15]. **Detection** [ATS15, BPK10, BS16, BBK11, CDYC11, CZL⁺18, CLC⁺19, CLJ⁺22, DA14, DSB15, DA18, DD19, DSZZ15, ĐG13, EA17, GBBK11, GBBK14, GAFP⁺14, HLJ⁺15, HZAZ18, HL15, HBS⁺19, LH13, LJA13, NSMS14, PCLU12, PP17, RCTK18, RiCH10, SDW13, SZW⁺18, SP15, SSK19, WM19, WGS17, YB16, YWFQ18]. **Detector** [DSZZ15, GSAS12, RRDC⁺18, dMRGAS18, KT18, TYL⁺18]. **Detectors** [NPTZ16]. **Deteriorating** [WL18, WXLL18, LJWL19]. **Determination** [SLV⁺11]. **Determine** [Meg18]. **Determinism** [HBDJ13]. **Deterministic** [KK18, KV15b, PS15, XLC19, EFYS19]. **Determinization** [BLS16]. **Deuce** [Wet10]. **Developing** [LWKB15, PRG⁺10, TBBH18]. **Development** [GK17, KL14, LMA⁺15, PW19, ZC10]. **Device** [LZZZ13]. **Device-to-Device** [LZZZ13]. **Devices** [GDKP10, GdM16, GMSV14, JMG⁺16, LS17, MK13, PSS10, WLI⁺14, WT10]. **DFA** [VWR11]. **DHT** [AOS⁺15]. **DHT-Based** [AOS⁺15]. **Diagnosability** [GHFY18, LFLJ18, SZL16, WWW16, ZLX⁺19]. **Diagrams** [Mer13]. **Dialogue** [OS18]. **Diameter** [LPV10]. **Diameters** [CYTP18]. **DICOM** [LJ18b]. **Dictionary** [KS12, Pop11]. **Dictionary-Based** [Pop11]. **Difference** [XLXZ17]. **Difference-Comparison-based** [XLXZ17]. **Differences** [SR10, WXLL18]. **Different** [GÁVRRL16, ZL15]. **Differential** [BFF⁺15, LJF16, LJ15]. **Differentiated** [GN10]. **Diffie** [Chi16, GWW⁺13]. **Diffusion** [FLCT10, LBZ19, ZHL15]. **Digit** [Cha10a, Par15]. **Digital** [FGR17, MS12, MHMSGH16, Par15, Shi08, Joh10]. **Digraphs** [RH17, ZM19]. **Dijkstra** [Day11]. **Dilation** [RMR⁺15a]. **Dimension** [GSRM17, NdMCdMM16]. **Dimensional** [ADML⁺13, Dow15, LGC19]. **Dimensions** [NC16]. **Dioxide** [RATB⁺13]. **Direct** [KM14, ASG15]. **Directed** [BBB⁺15]. **Direction** [Hua14]. **Directional** [KLS18]. **Directions** [BKBK14, ZJLC16]. **Directories** [GVVL12]. **Dirichlet** [MZW⁺18]. **Disabled** [PRG⁺10]. **Disabling**

[KKPB14]. **Disaster**
 [NRZQ15, SZB15, SZB19]. **Discovering**
 [DBHC15, Jun12]. **Discovery**
 [Gaz10, GVVL12, HHV17, LPP⁺13,
 LLTY13, LBD⁺19, LJA15, MS14, PCLU12,
 Suz13, VL13, VvdAMG17, WCKH10,
 YNP15, CPSK07]. **Discrete** [PG11, Xie11].
Discriminant [GY13]. **Discriminating**
 [GB10]. **Discriminative** [CBA18, ZDM⁺15].
Discussant [GG10, Mal10, Mil10, Pen10].
Discussion [QS15]. **Disjoint**
 [ABH15, BKP11, BK12a, BK12b, BK14,
 HJK13, LC14, WS10]. **Disjoint-Path**
 [BKP11, BK12a, BK12b]. **Disk** [GFPC16].
Displaying [CWVK14]. **Dispute** [BT18].
Dissemination [LLDL17, SJ14, UKW⁺18].
Disortative [Meg16]. **Distance** [CBA18,
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 MPLDV13, MCT19, SH10, SAK16, ZZ17].
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 [CBA18, IDVGMP⁺13].
Distance-Bounding [MPLDV13].
Distinguisher [ZZ17]. **Distinguishers**
 [LJF19]. **Distinguishing**
 [EFYS19, HT15, HT16, HT17]. **Distortion**
 [Jia17]. **Distributed**
 [ACG⁺11, AUB11, AZHASD14, BD14,
 BEG⁺16, BCC⁺19, BBGM14, BKBK14,
 CC14, CCHL18, CFJ⁺10, DE10, DA14,
 DFG10, FZCL18, FP19, GTN10, GHXW16,
 GBA18, HGZ10, HT16, Hie16, HT17,
 HLC10a, KR14, KTTRJ10, LL15, LR14,
 LWW13, LZN⁺16, MT11, MPH14, NPTZ16,
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 SU18, SC11, WN11, XLX17, ZZX16].
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 CLH⁺14, LCLL12, LWL⁺17, Lop15b,
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Distributions [VM14]. **DiVA** [TEP⁺16].
Dive [TEP⁺16]. **Divergence** [FET17].
Diverse [CC14, HZJS17]. **Diversity**
 [ZTL15]. **Divide** [VvdAMG17]. **Dividends**
 [CW11]. **Dividing** [GF17]. **Division**
 [CW11]. **DNA** [Mar10b]. **DNA/RNA**
 [Mar10b]. **DNS** [HLAZ15]. **DO** [YLLS16].
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Document [GTL13, MHMSGH16, SY13].
Document-Enriched [GTL13].
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 [ABS14, SSS12a, Thi11, WGZW14]. **Does**
 [NTSA16]. **Domain** [Bla13, JS15, PRJS11].
Domains [Bla13, TNWT14]. **Domestic**
 [RiCH10]. **Domination** [MMAY19]. **Dot**
 [SAK16]. **Dot-Cartesian** [SAK16].
Dot-Lexicographic [SAK16]. **Double**
 [CZLY19, ZJH⁺15]. **Down** [BGM⁺13].
Download [ZGC16]. **DPPACS** [RR16].
Drawings [BD16, DDLM17]. **Drift**
 [DSZZ15]. **Driven** [BFMT15, BS10a,
 DG15a, GRK13, GK17, JHHC15, LMA⁺15,
 LLZY15, LHFF13, QS15, SP10, SNG⁺10,
 ZSX10, dFHP⁺11, dLGCML14, ÁHFE18].
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 [WWZ⁺17]. **Drug** [NNF19]. **DS** [PS15].
DS-Methods [PS15]. **DSC** [LJ19]. **DTKI**
 [YCR16]. **Dual** [BWR12, HK13, HHS18,
 MCT19, NG17, PT13, PP17]. **Dual-Form**
 [HHS18]. **Dual-Tree** [MCT19]. **Duality**
 [FSGS15, ZSL19]. **Due** [WGL⁺18, ZHL⁺17].
Due-Window [ZHL⁺17]. **DuelMerge**
 [MM17]. **Durable** [Elg15]. **during** [SVP13].
Duty [HB11, ZLX⁺15]. **Duty-cycling**
 [HB11]. **DV** [LYPL17]. **DV-Hop** [LYPL17].
DWT [THY⁺18]. **Dynamic**
 [ADML⁺13, BCC⁺19, BAFF11, BACD13,
 CMKJ10, CWS⁺10, CMSML16, Dan11,
 GK17, HBS⁺19, JCSZ13, Kap11, Kha11,
 KTTRJ10, KS16, LR10, LR12, jLbLzH18,
 LHM⁺15, MSH⁺11, NM19, RH17, SSS16,
 SSK12, SL10b, SLW⁺17, SZB15, TS19,
 TV12, YDE11, YWFQ18, ZZZ14].
Dynamical [Nil10]. **Dynamically**
 [ASG15, Ort11, QO17]. **Dynamics**
 [YZJH12].
E-commerce [AAA19, LNBFP13].

E-Voting [LGPRH14]. **Each** [YLL⁺12].
EAR [DSTC12]. **Early** [Day11, HuRH⁺15].
Earthquakes [NHMI13]. **EC2** [ÁHFE18].
Economy [XYL⁺11, BS10b, Uli11].
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[KW11, Kot11, mAYL10]. **Handoff** [LQZ⁺10]. **Handover** [CHDP17]. **Handwritten** [Cha10a, GdM16]. **Hankin** [Mal10]. **Hard** [MSH⁺11, ZWTM15, wZfG15]. **Hard-to-Invert** [ZWTM15]. **Hardcover** [Gaz10, Jas10, Joh10, Lar10, Lev10a, Maj10]. **Hardness** [APW11, BLRT10]. **Hardware** [DLM⁺14, GAFP⁺14, LCMC11, RMP10, WOLP15]. **Harmful** [Fre12]. **Harmony** [RKBY15]. **Harrison** [GG10]. **Harvesting** [ZJHJ17, ZJHJ19, ZGC16]. **Hash** [CZLC14, HHL10, HLC10a, LYY⁺18a, LJF19, MSTA17, NS16, RMB11, ZZM17a]. **Hashed** [GWW⁺13]. **Hashing** [LK14, THY⁺18]. **HCSP** [WNNZ17]. **HDH** [PDNH15]. **Headline** [YGFL15]. **Healing** [THP⁺11, THP⁺12]. **Health** [BEG⁺16, ZVG16]. **Healthcare** [BN14, HLKL15, MMPB10]. **Heap** [EEK17]. **Heartbeat** [IA15]. **Heating** [ZLG15]. **Hellman** [Chi16, GWW⁺13]. **Hess** [HP17]. **Hess-Like** [HP17]. **Heterogeneous** [BHR10, DAOG14, GTL13, HWY11, KV19, LQZ⁺10, MSWI⁺12, PR11, QLZ18, SZB15, TMOO11, XHQX18, dFHP⁺11]. **Heuristic** [BLRT10, EFYS19, HL15, KV19, TB11]. **Heuristics** [DDG⁺15, KÖ14, KO15]. **Hexagonal** [YLW⁺17]. **HIBE** [LSQX19]. **Hidden** [CLG⁺19, XHTH13, YLL⁺12, YT11, ZYT13, ZYY19]. **Hiding** [DCA18, JDAZN16, XLM⁺12, XGLM14, XZLW15]. **Hierarchical** [BKP11, BK12a, BK12b, BK14, LSLW15, LJ18b, NMS14, PABD10, QYZ19, SSS12a, WYML16, ZCL13, ZMW16]. **Hierarchy** [Cao10, VN16, ZSL19]. **High** [ASG15, BGM⁺11, CWRZ18, DN16, EB12, ECL15, GIB12, Jar12, LHFF13, LGHD15, MPSP17, MDSF12, NdMCdMM16, PW12]. **High-Dimension** [NdMCdMM16]. **High-Performance** [BGM⁺11, DN16, ECL15, Jar12, LGHD15, EB12]. **High-Priority** [LHFF13]. **High-Speed** [ASG15, PW12, GIB12, MDSF12].

High-Throughput [MPSP17]. **Higher** [ZZ17]. **Highly** [AS11, BCC⁺19, PBL14, ZX16, DT13]. **Highway** [GH17]. **Hill** [SJS12]. **Hill-Area-Restricted** [SJS12]. **Hillston** [BTHS12]. **HISS** [DT13]. **Histogram** [LL11b]. **Histograms** [ASCTFP16, MCT19]. **Historical** [CWWK14]. **Histories** [QS15]. **Hit** [MS14]. **Hitch** [CHDP17]. **HMM** [DA18]. **HMM-Based** [DA18]. **Hoc** [BAFF11, GH17, GGZC11, HC15, MK19, SJS12, SGG⁺13, YWSH10, YDE11, YT11, BBM10, BSK19, WCKH10, ZYR⁺13]. **HOL** [AAH10]. **Hole** [WZ17]. **Holes** [BSK19]. **Hollow** [IEBS19]. **Home** [MMPB10, OKA17]. **Homogeneous** [HWCZ16, AG12]. **Homomorphic** [GHY18, WT18, WCXZ17]. **Honey** [RLVRGÁ15]. **Honeybee** [XYL⁺11]. **Hop** [LYPL17, YT11]. **Horn** [WJ16]. **Horse** [Sta18]. **Hotness** [DSBB19]. **Hours** [HSZS17, HSZS18]. **HPC** [WS15]. **HSI** [FSMT19]. **Huang** [LLSW16]. **Hull** [PL16]. **Human** [HHS⁺15, IA15, Lev11b, SLZ14, WWHL12]. **Humans** [RBNB15, RB17]. **Hybrid** [ABCG11, CLL14, CJYY17, CP16, FET17, FYF⁺18, GBBK14, GÁVRRL16, HH17, JYP⁺15, KSH⁺14, KV19, LWPZ13, LWYZ17, LSTC11, LGHD15, MEH19, MK19, NGAuHQ16, Ort11, ŞLV⁺11, SSK19, TL19, WNNZ17, WT12, YC11, YC14b, YB16]. **Hyper** [CYTP18, KÖ14, KO15, YLC15]. **Hyper-heuristics** [KÖ14, KO15]. **Hyper-Stars** [CYTP18, YLC15]. **Hyperbolic** [AK12]. **Hypercube** [KSA12, WLC⁺19]. **Hypercubes** [BKP11, BK12b, MRPR15, Yan19, ZLX⁺19]. **Hypergraphs** [FSGS15].

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 CMS10]. **Informative** [LCXZ16].
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 [GDKP10]. **Inner** [LMG⁺¹⁸]. **Innovation**

[Uli11, BS10b]. **Innovative** [SHR⁺11]. **Input** [Kap11, RHH12]. **Input/Output** [Kap11]. **Insecurity** [HZX15, Wan14]. **Insider** [AJA16]. **Insights** [TBBH18]. **Inspection** [PW12, VWR11, XLXZ17]. **Inspired** [ABG⁺12, DP13, FS18]. **Instances** [SW14, mAYL10]. **Instantiation** [DPZ11, LNWZ19, MGBD15]. **Instantiations** [LYY⁺16]. **Instruction** [KL10]. **Instructions** [GK16, MKL18]. **Instrumented** [FT11]. **Insulated** [LDZ16, LLS17]. **Integer** [AÇPD11, CCY10, KTM19, RAJ15, WT18, ZQ13]. **Integral** [IEBS19, KKM15, LJF19, PG11]. **Integrated** [CXF⁺15, CL16, LfHmXjL11, RMR15b]. **Integrating** [AJ17, AJBTT19, TKB11]. **Integration** [DPZ11, FP19]. **Integrity** [FYMY15, MV16]. **Intel** [CXF⁺15]. **Intelligence** [Lev11b, LLV10, PW19, PSS10, SS10a, vDBvEW10]. **Intelligent** [Alh19, LE13, MMPB10, TMOO11, VBBR16, WLW⁺18]. **Intensive** [EV16, ETR⁺16, RR16, ÁHFE18]. **Inter** [BY16, HS19, SSK12, SKS19]. **Inter-** [SSK12]. **Inter-Activity** [BY16]. **Inter-actor** [SKS19]. **Inter-Modulo** [HS19]. **Inter-Subject** [BY16]. **Interaction** [GLL⁺13, KHYC15, SHR⁺11]. **Interactive** [Fra11, LBD⁺19, URHK19, LK18]. **Interchange** [SLP11]. **Interconnection** [BLRT10, FWC13, KMNA⁺16, SAKOK11]. **Interest** [CZLY19, CQL10]. **Interface** [YGH⁺14]. **Interfaces** [PRG⁺10, KAZ18]. **Interfacing** [JYP⁺15]. **Interference** [QZXR15, YDE11, ZYY⁺13]. **Interference-Aware** [YDE11]. **Interflow** [QZXR15]. **Interleaving** [TY14]. **International** [Ano10]. **Internet** [CW12a, Cro10, DG15b, HZWT15, HLC10a, MDB⁺18, NNF19, PZ18, SSK19]. **Interorganizational** [vdALM⁺10]. **Interplay** [SPdGPM18]. **Interpolation** [FLCT10, RT12]. **Interpretation** [BDT10]. **Interpretative** [MKW11]. **Interpreting** [SVP13, TD12]. **Interrogating** [HLC10a]. **Interrogating-Call** [HLC10a]. **Interval** [Bla13]. **Intra** [SSK12]. **Intra-Task** [SSK12]. **Introduction** [AO08, Ano10, DW12, Jay12, Lev10b, Llo13, Pek12, RA14, SS10a, Suz13, Maj10]. **Intrusion** [CNV13, GBBK14, HLJ⁺15, NSMS14, SZW⁺18, SSK19]. **Invariant** [BÜ11, NS16]. **Invariants** [LWYZ17]. **Inventing** [Swa11]. **Inversions** [YTV16]. **Invert** [ZWTM15]. **Inverted** [KTA12]. **Invertible** [SLY⁺16]. **Inverting** [DKB⁺14]. **Investigating** [BY16]. **Investigation** [JWCZ13, ZHL⁺17]. **Invisability** [BN14]. **Invited** [BTHS12]. **Involving** [OLL15, RB17]. **IoT** [CLLH13, PZ19]. **IP** [ASG15, EB12, FEDHL16, OKA17, SP15, TJZF12, WB16]. **IP-Connectivity** [OKA17]. **IPE** [ZM16]. **IPTV** [CLL14]. **IPv4** [NK14]. **IPv6** [ECL15, LE13]. **Irrational** [Sta18]. **Irredundant** [ZLL⁺14]. **ISBN** [Gaz10, Jas10, Joh10, Lar10, Lev10a, Maj10]. **ISBN-13** [Gaz10, Jas10, Joh10, Lar10, Lev10a, Maj10]. **ISGcloud** [RMFM15]. **Isolated** [YS15]. **ISP** [ZWJ⁺14]. **Issue** [Ano10, Ano17, Jay12, Llo13, Pek12, RA14, RLJ15, SS10a, Suz13, XZA14]. **Issues** [AFG⁺17, AD11, FT11, LE13, PZPS15, Mit19]. **Item** [CZ19]. **Items** [CZ19, DJAJ15, SVG⁺15]. **Itemset** [MDSF12]. **Iterative** [LCLL12, VGF11]. **iTrust** [CMSML16]. **J** [Gaz10]. **Jammer** [FLWL19]. **Jane** [BTHS12]. **Japan** [NHMI13]. **Jari** [Jas10]. **Java** [AFGG11, BDT10, JMB12, KW11, PiLCH11, RTE⁺13, ZLCW14]. **Java-Based** [AFGG11]. **Jeff** [Maj10]. **jInfer** [KKM⁺15]. **Job** [SDN15, WGL⁺18, WLWL18]. **Job-dependent** [WGL⁺18]. **Jobs** [LLpC16, WL18, JJ18, LJWL19]. **join**

[Ma17]. **Joint** [FGS15, SA11, ZJHJ19, ZLYX10, ZJH⁺15]. **Joltik** [LSG⁺19]. **Joltik-BC** [LSG⁺19]. **Joost** [Lar10]. **Joost-Pieter** [Lar10]. **Journal** [BTHS12, GG10, Mal10, Mil10, Pen10]. **Jumping** [KKM19]. **Jungle** [Roc12].

Kaaniche [Ver17]. **KAD** [CGE⁺14]. **Karhunen** [BCPV11]. **Katoen** [Lar10]. **KDM** [CBJX19]. **KEM** [CZLC14]. **Kernel** [GFPC16, XZY⁺10, XXW11, ZDM⁺15]. **Kernels** [IEBS19]. **Key** [BN14, BVS⁺13, Che15a, CLND19, CWZ19, Chi16, CMA14, ELS11, FVS17, GSW⁺16, HLLG18, HH17, HWS⁺19, HWY11, HTC⁺15, Jia14, LLSW16, LDZ16, LTW10, LSQ18b, LCLL12, LWL⁺17, LYY⁺18b, LLS17, LLH18, MZHY15, MV19, PDNH15, SGH15, SLY⁺16, TMC15, THP⁺11, THP⁺12, VGA19, WP17, WT10, WCXZ17, XLM⁺12, XGLM14, XZLW15, YLL⁺17, YL17, YNN11, ZCL13, ZY17, Mit19]. **Key-Evolving** [ZCL13]. **Key-Insulated** [LDZ16, LLS17]. **Key-Policy** [GSW⁺16]. **Keying** [BCPV11]. **Keys** [ABL⁺18, HLL11, LSQX19, ZMW16]. **Keystroke** [XTH11]. **Keyword** [Che15a, GN19, LSQ18b, WDCL18]. **Khudra** [CWZ19]. **Kiasu** [LSG⁺19]. **Kiasu-BC** [LSG⁺19]. **Kind** [WJ19, XZLL18]. **Kinds** [ZH19]. **Klepto** [XY18]. **KNN** [ZDM⁺15]. **Knowledge** [DP13, Gaz10, JK12, KKBF12, LYY⁺16, Möl13, ST17, SSS12a, WXZ⁺12, YNP15, CPSK07]. **KRAMER** [STBB14]. **Krzysztof** [Gaz10]. **Kullback** [FET17]. **Kurgan** [Gaz10]. **Kurtosis** [YYO15]. **KVM** [LZL⁺15].

Label [PT13]. **Labeling** [BKPS10, Cal11a, SAK16, ZQ13]. **Labelling** [Cal11b]. **Ladder** [Mar10b]. **Laguerre** [DKB⁺14]. **Landmark** [WHSW15].

Language [jLbLzH18, ML13, Ort11, PH15, Sab11, SVS15, TKM11]. **Languages** [LCMC11, PSS10]. **LANs** [HM16]. **Large** [CL18, FFH17, KTTRJ18, LH13, LW16, LLDL17, LPV10, MDY15, WSR11, WT12, WCW⁺14, ZHY⁺14, ZWFW15]. **Large-Scale** [KTTRJ18, LH13, LLDL17, LPV10, MDY15, WSR11, WT12, WCW⁺14, ZHY⁺14, ZWFW15]. **Laser** [DB13]. **Late** [Day11, Wet10]. **Latency** [RASM17, YLLS16, ZMSM13]. **Latency-Aware** [RASM17]. **Latency-Resistant** [YLLS16]. **Latent** [KKBF12, LR10, XLM⁺14]. **Later** [EEK17]. **Lattice** [LNWZ19]. **Lattice-Based** [LNWZ19]. **Lattices** [ACB17, LYY⁺18a]. **Laurent** [Ver17]. **Layer** [DDG⁺15, JYL18, LHM⁺15, OB18, RDB14b, ZLYX10, HNAS18]. **Layered** [HFP⁺19, IMS10, PZ18]. **Layering** [YK⁺17]. **Layout** [Gur15, ISST19, SSS16]. **LBP** [VBVP14]. **Leakage** [DCA18, HHS18, IL15, LTZY16, LSQZ17, SGH15, TTH15, ZYT13, ZWTM15, ZM16, ZZM17a, ZYY19, ZY17, ZYM18, ZYH⁺19]. **Leakage-Free** [IL15, LSQZ17, TTH15]. **Leakage-Resilient** [HHS18, LTZY16, ZYT13, ZZM17a, ZY17, ZYM18, ZYH⁺19]. **Leaping** [GÁVRRL16]. **Learn** [TA16a]. **Learning** [BY14, Cao14, CUA14, CLRJ14, ISD15, JBM⁺19, LV17, LKG10, RG14, SK18a, WGL⁺18, WLZ⁺18, Zam19, TXJ⁺19]. **Least** [KTM19]. **lecture** [Kon10, BTHS12, GG10, Mal10, Mil10, Pen10]. **Legacy** [For12]. **Leibler** [FET17]. **Length** [LWC15, MPLDV13, PDNH15]. **Less** [CNV13]. **Lessen** [QZXR15]. **Level** [ATA19, CRGM14, GBBK14, yHRT⁺12, JHBA17, LZZZ13, MDS15, MV16, TY14, ZYWW13, daEN⁺18, MZW⁺18, TS19]. **Levenberg** [BMRS11]. **Leveraging** [GVVL12, SMLM14, URHK19, PBL14]. **Lexicographic** [SAK16]. **Library**

[OVGG14, VBBR16, VBBR16]. **Lie** [HWS⁺19]. **Life** [MKN13, RG14]. **Life-Long** [RG14]. **Lifecycle** [Tan15]. **Lifetime** [KAAE11]. **Lightpath** [PTWB14]. **Lightweight** [GMSV14]. **Like** [BW16, HP17, WJ19, LCMC11, LJ15, LJ16]. **Limitations** [MK15]. **Limited** [PK18, TXJ⁺19]. **Line** [BÜ11, DDLM17, YMWS11, HHL10, Tan11]. **line/Off** [HHL10]. **Linear** [CCY10, CMA14, DP13, GF13, Gur15, HJK13, KH18, KXS⁺10, LJ15, LJ16, MRPR15, RAJ15, YCL17, ZZZ14]. **Linear-Time** [HJK13]. **Linearizability** [WSY19]. **Lines** [FSMT19, PS17]. **Linesman** [Pyl19]. **Lingual** [Jun12]. **Link** [AKL⁺19, CBA18, PCLU12, YAQ12, ZWJ⁺14, ZHY⁺14]. **Linkable** [YLA⁺13]. **Linked** [AJ17, AJBTT19]. **Links** [ACB17]. **Linux** [XZY⁺10]. **Lior** [Lev10a]. **List** [AEHS15, CGE⁺14]. **Literature** [PCLU12, ZJLC16]. **Live** [LZL⁺15]. **Liveness** [LJC11]. **LMaFit** [XZW⁺17]. **LMaFit-Seed** [XZW⁺17]. **Load** [CMY17, KV19, MK15, RLTZ17, YWR⁺14]. **Load-Balanced** [KV19]. **Load-Balancing** [CMY17]. **Local** [BGM⁺11, FET17, FMRS17, GYDX12, IAG⁺14, LSCG10, ÖKA11, SK18b, VGA15, YWSH10, YZJH12]. **Local-Minimum-Free** [YWSH10]. **Locality** [GY13, XLX17]. **Locality-Aware** [XLX17]. **Locality-Based** [GY13]. **Localization** [FLWL19, HM16, HJS⁺13, IEBS19, LYPL17, PZ18, PZ19, ZBY⁺10]. **Locating** [ADBPLV13]. **Location** [JLS11, KTC⁺11, LTL10, LZWY18, NH19, Ni16, OKT⁺16, PSD15, RL11, WWJ18]. **Location-based** [WWJ18]. **Location-Privacy** [PSD15]. **Locations** [LWKB15]. **Locomotion** [WCL⁺11]. **Loève** [BCPV11]. **Log** [YKK18]. **Log-polar** [YKK18]. **Logging** [BCKM17, FEDHL16]. **Logic** [HXLX18, HXLX22, JHHC15, KH18, PL18, Rig14, WLZ⁺15]. **Logic-Based** [JHHC15]. **Logical** [Bro10, MMPB10]. **LogicCrowd** [PL18]. **Logics** [ACB17, CKP⁺11, HY11]. **Logo** [SA11]. **Logs** [YCL15]. **Loiss** [DG12]. **Long** [Kha16, RG14]. **Longer** [YLC15]. **Longest** [LWC15]. **Lookup** [ASG15, EB12, ECL15]. **Loop** [BPBRT16]. **Loop-Free** [BPBRT16]. **Loopless** [WCW10]. **Loss** [GF17]. **Lossless** [MMB13]. **Lossy** [CCL⁺19]. **Low** [AK12, AUB11, BF19, FEDHL16, IEBS19, RDB⁺14a, WCKH10, WT10, wZfG15, ZMSM13]. **Low-Area-Power-Delay** [AK12]. **Low-complexity** [AUB11]. **Low-Cost** [IEBS19]. **Low-Power** [RDB⁺14a, WT10, wZfG15]. **Low-Storage** [FEDHL16]. **Low-Stretch** [BF19]. **Lower** [LJ15, RMR⁺15a]. **LP** [LS14]. **LP-Based** [LS14]. **LTE** [TL19]. **LTE-A** [TL19]. **LTFs** [ZYY19]. **Lukasz** [Gaz10]. **Luo** [RSD19]. **LWE** [XY18].

M [BV15, Ver17, YC19, BV15]. **M/M/1** [BV15]. **M2M** [OKA17]. **MAC** [GH17, OB18, PR11, PA15, SM16, VN16, WCXZ17, YT11, ZTBW11]. **MAC-REALM** [PA15]. **Machine** [BY14, EFY16, For12, NL19, PXG⁺17, PCC⁺16, PP17, SL14, SK18a, TA16b, VMF⁺14, WL18, WGL⁺18, WXLL18, WLZ⁺18, Zam19, ZHL⁺17, LJWL19, PW19]. **Machines** [Do11, EFYS19, HT15, IJM14, JS15, LMR18, LZL⁺15, TV12]. **Macroscopically** [HK15]. **Mad** [LCLL12]. **Magic** [KÖ14, KO15]. **Mahalanobis** [ZZ17]. **Maimon** [Lev10a]. **Main** [JYP⁺15]. **Maintaining** [BCC⁺19]. **Maintenance** [WL18, WXLL18]. **Makespan** [WLWL18]. **Making** [Ano10, DG15a, OS18, SS10b]. **Malicious** [BL15b, BL16, CL15, CL18, MS11, VGA15, XLXZ17]. **Malicious-Resilient** [CL15]. **Malware** [ATS15, CLC⁺19, CLJ⁺22, GAF⁺15]. **Management** [BEG⁺16, BKFP19, CLLH13,

CP16, DP13, DFG10, Elg15, GST15, GK17, GLL⁺¹³, HHV17, HuRH⁺¹⁵, JYP⁺¹⁵, JG15, LfHmXjL11, LZL⁺¹⁷, LTL10, LTW10, Lop15b, Mit10, MHMSGH16, NK14, NM19, NB17, PANH10, RRDC⁺¹⁸, Ros14, SBBB12, TMOO11, VKZ⁺¹⁰, WYL⁺¹³, ZNQR15]. **Managing** [Har10a, KBMA12]. **Manets** [FM11, AOS⁺¹⁵, GVVL12, WS10]. **Manhattan** [ZX16]. **Manipulation** [Con12]. **Many** [ABH15, CCL⁺¹⁹, CXF⁺¹⁵, EDH⁺¹⁸, FS18, GMS⁺¹², PHM⁺¹²]. **Many-Core** [EDH⁺¹⁸, GMS⁺¹², PHM⁺¹²]. **Many-Objective** [FS18]. **Manycore** [LWDZ16]. **Mapping** [CFM17, GV16, KOA15, PCC⁺¹⁶, VO16]. **MapReduce** [LLZY15, LWDZ16, LLpC16, MDY15]. **Maps** [ZWWF15]. **Margin** [Yil12]. **Maritime** [KS16]. **Marked** [CCY10]. **Markers** [BL15a]. **Market** [CZLY19]. **Marking** [FEDHL16]. **Markov** [AZHASD14, VM14, WL13, XHTH13, XXW11]. **Markov-Based** [AZHASD14]. **Marquardt** [BMRS11]. **Mart** [SMM⁺¹⁹]. **Massive** [ABS12, GLK⁺¹⁶, OR12, PWY⁺¹³]. **Matching** [CFM17, CHL14, DE10, FP18, Jun12, Kha16, KS12, KVX12, LA12, Meg16, OR12, SY13, SLZ14, VWR11, WXZ⁺¹²]. **Matching-Based** [DE10]. **Materialized** [ZZZ14]. **Mathematical** [AKA15, SZB19]. **Mathematics** [Ham12]. **Matrix** [LYY^{+18b}, OVG14, VGF11, WWXH18, XZW⁺¹⁷]. **Maximal** [HM17, Meg16, PGBFW14, Sin12, ZLL⁺¹⁴]. **Maximally** [ZM19]. **Maximization** [CTD18, KAAE11, RASM17, Tam18, YHGL17]. **Maximized** [IEBS19]. **Maximizing** [Alm19, ABS13, HK15]. **Maximum** [DDG⁺¹⁵, LPV10, Yil12]. **May** [Lar10]. **MBST** [ZYWW13]. **MC** [AAZ13, HIDFGPC15]. **MC-2D** [HIDFGPC15]. **MC64** [EDH⁺¹⁸]. **MC64-Cluster** [EDH⁺¹⁸]. **MD** [NYT⁺¹¹]. **MD-GRAPE-3** [NYT⁺¹¹]. **MDC** [LHYW12]. **MDedup** [VB16]. **MDS** [XHC⁺¹⁵]. **Mead** [CGVP15]. **Meadows** [BBP13]. **Mean** [GYDX12, TZ11]. **Mean-Based** [GYDX12]. **Meaningful** [LTC⁺¹⁵]. **Means** [BFCRH14, KRDH13]. **Measure** [BS16, ZZ17]. **Measurement** [MKK15]. **Measures** [GRK13]. **Measuring** [AHH13, BSK19, DSBB19, NC16]. **Mechanical** [Gra12]. **Mechanism** [BSK19, CLH⁺¹⁴, CLLH13, CL18, KTTRJ10, LL15, LQZ⁺¹⁰, LJYL13, LS17, YGLW15]. **Mechanisms** [KL14, LJA13, LZWY18, NSRP15, WBS15]. **Media** [HY15, KHYC15, SVG⁺¹⁵, TY14, XLM⁺¹⁴, YIUH14, YNP15]. **Medical** [AJ17]. **Medium** [STBB14, ZTBW11]. **Medoids** [EA17]. **Meet** [KH10, LJ18a, LYD⁺¹⁸, LSG⁺¹⁹]. **Meet-in-the** [LYD⁺¹⁸]. **Meet-in-the-Middle** [KH10, LJ18a, LSG⁺¹⁹]. **MEI** [DLL⁺¹³]. **Mel** [CC11]. **Mel-** [CC11]. **Mellin** [CC11]. **Mellin-cepstral** [CC11]. **Membership** [GSAS12, mAYL10]. **Memoization** [MS14]. **Memories** [Whi12b]. **Memory** [BGM⁺¹¹, BMG12, CFJ⁺¹⁰, DCLN11, Gra12, JYP⁺¹⁵, KS19, KTA12, LWDZ16, LCMC11, LHCN11, MH11, PBH⁺¹³, SSS16, VB16, ZZX16, HXQ⁺¹⁹]. **Merged** [KM14]. **Merging** [MM17]. **Mesh** [BACD13, CLSV15, HH14, NSRP15, RJS⁺¹⁷, SKK⁺¹², ZX16]. **Message** [FYF⁺¹⁸, GTM15, HLLC11, Jia17, KTTRJ18, MPH14, VMF⁺¹⁴, YGH⁺¹⁴]. **Message-Passing** [VMF⁺¹⁴, YGH⁺¹⁴]. **Messages** [GST15, UKW⁺¹⁸, YLL⁺¹²]. **Messaging** [CQL10]. **Meta** [dLGCML14]. **Meta-Modelling** [dLGCML14]. **Metadata** [GLBS13, ISH13]. **Metadata-Based** [ISH13]. **Metaheuristics** [LZN⁺¹⁶, Gon07, Mar10a]. **Metamorphic** [ATS15]. **Metamorphosis** [KV15b]. **Metaphor** [RCTK18]. **Metaphors**

[Lev11b]. **Meter** [XLXZ17]. **Method** [CZ19, CZL⁺18, DD19, FSMT19, FSGS15, GBBK14, HHS⁺15, HC15, KTM19, LZL⁺15, LYPL17, LSW10, LZWY18, MKK15, MDSF12, Ni16, QF19, SY15, SZW⁺18, SP15, TSK17, WZXL12, WZCC18, WJ19, WCW⁺14, YYO15, ZDM⁺15, ZSX10, ZZM17b]. **Methodological** [CFJ⁺10, PRG⁺10]. **Methodologies** [AAA19, BBK11]. **Methodology** [GTL13, KOA15, NC16, PRJS11]. **Methods** [BGM⁺13, BKBK14, FP19, GBBK11, PS15, TB10]. **Metric** [SM12, TRY16, YGFL15]. **Metrics** [MKK15, Meg18, TKM11, TA16b, Trc10, WXP⁺10]. **MFA** [TL19]. **MIBS** [CWZ19]. **Microblogging** [GJQG14]. **Microblogs** [SIK14]. **Microcosmic** [WWC⁺11]. **Microgrid** [LZZ⁺17]. **Micropayment** [RM19]. **Middle** [KH10, LJ18a, LYD⁺18, LSG⁺19]. **Middleware** [BL11, LPL14, RTE⁺13, dFHP⁺11]. **Migration** [CK15, LZL⁺15, NNN⁺14, SL14, SYH11, YWR⁺14]. **Military** [GTB10]. **Miller** [LL11a]. **MILP** [CWZ19]. **MILP-based** [CWZ19]. **Min** [NM19]. **Min-uMax** [NM19]. **Mind** [Lev11b]. **Miniature** [HWS⁺19]. **Minimal** [BH10, Dun11, GAFP⁺14]. **Minimization** [Chi14, GGZC11, WXLL18, WVGP11, WLWL18]. **Minimize** [PHB15]. **Minimized** [Ni16]. **Minimizing** [ABM12]. **Minimum** [BPBRT16, MRPR15, Xie11, Yan19, YWSH10]. **Mining** [CZ19, Gaz10, GBA18, GTL13, HY15, Lev10a, MBBA16, MDSF12, OKT⁺16, PCLU12, PZL12, SCKH18, VvdAMG17, WZCC18, XLM⁺14, YMS⁺15, YNP15, ZW15, ZCX⁺16, ZH14, ZWFW15, CPSK07, RM08]. **Mins** [APW11]. **Misbehavior** [KKPB14]. **Missing** [ACB17, ÖKA11]. **Mission** [Sta18, SNG⁺10, dFHP⁺11]. **Mission-Critical** [Sta18]. **Mission-Driven** [dFHP⁺11]. **Mitigating** [AZHASD14, CWCS14]. **Mitigation** [DHT⁺19]. **Mixed** [BD16, ST16, WLZ⁺15]. **MLC** [JYP⁺15]. **MLH** [GBBK14]. **MLH-IDS** [GBBK14]. **Mobile** [ABCG11, BCH⁺15, CL13, CCC⁺10, CL18, CL16, CMY17, DG15a, EOIH15, FZCL18, FT11, GVV12, GdM16, GTM15, HB11, HK13, HLC10b, HC15, HLKL15, JAAA⁺17, KAAE11, LWKB15, LCLL12, LS17, LZWY18, Meg18, MHW10, MK19, NK14, NRZQ15, OKT⁺16, PL18, RHH12, RHG⁺11, SCKH18, SZB19, SYH11, SJS12, TY14, TB11, WCKH10, WT10, ZTBW11, ZWC⁺19]. **Mobility** [BDC11, GPK11, HK13, NK14, WB16]. **Möbius** [CFJ⁺13]. **Modal** [CKP⁺11, Möl13]. **Model** [Abd15, BK08, BFF⁺15, BFMT15, BS10a, BP10, CBJX19, CUA14, CK15, Das17, DLL⁺13, GN19, GA18, GK17, GJJ15, HZX15, HMM11, HK13, HSHS17, HSHS18, HFP⁺19, ISD15, IA15, JLDJ19, Kap11, KV15a, KHR⁺19, KLA⁺15, Lar10, LK18, LMA⁺15, LDZ16, LZL⁺19, LHM⁺15, LCXZ16, LLS17, LKG10, MDS15, MK11, MPP15, MKW11, NM19, NB12, PYM⁺15, PBH⁺13, PTOM18, QLZ18, RSD19, RJV13, SZS14, Sin12, SLP11, SZL16, SK18a, Tra12, VBBR16, WWC⁺11, WM19, WXP⁺10, XHTH13, YWY10, YT16a, mAYL10, YT11, ZC10, ZX16, ZYY19, ZDCZ18, ZHL15, ZDZ⁺15b, dLGCML14, TCL15]. **Model-Based** [CCUA14, RJV13, GN19, IA15]. **Model-Development** [ZC10]. **Model-Driven** [BFMT15, BS10a, GK17, LMA⁺15, dLGCML14]. **Modeled** [ZM19]. **Modeling** [BFCRH14, BGM⁺13, BL16, Cha11, CWRZ18, CCHL18, ISH13, IAG⁺14, KS16, LZL⁺19, MKN13, Mar10b, NHMI13, ZYY⁺13]. **Modelling** [AAZ13, BL15b, DD10b, GB15, HJL16, Jar12, LDK11, LBZ19, PA15, RHF⁺15, RMB15, RMR15b, SL10b, Vel10, WNNZ17,

dLGCML14, DBC18, Kon10]. **Models** [BCK⁺11, CLM16, DH12b, GÁVRRL16, HMS⁺12, KMSM15, LR10, LH11, LNBFP13, MBBA16, MEdJMGE⁺19, OS16, Pek12, PGBFW14, SVP13, SRD⁺12, TKB11, VN16, WDW12, XXW11, ZLCW14, TZ11]. **Modern** [NTSA16]. **Modernizing** [BFMT15]. **Modification** [LLSW16]. **Modified** [KV16, TPV18]. **Modifying** [WL18, ZHL⁺17]. **Modulated** [MPP15]. **Modulation** [JYL18]. **Module** [OBA16]. **Modules** [PiLCH11]. **Moduli** [AJ15, BG15, HS19]. **Modulo** [HS19]. **MoG** [CLC⁺19, CLJ⁺22]. **MOLAR** [LGHD15]. **Monitoring** [BEG⁺16, BDL⁺13, CCC⁺10, HM17, MGM12, NHMI13, SPRR⁺17, TAC⁺18, VKZ⁺10, WCL15]. **Monitors** [Cha10b, IF16]. **Monomial** [Nil10]. **Monotonic** [ZZZ14]. **Monte** [WL13]. **Moppet** [BS10a]. **Morphing** [MBC15]. **Morphology** [IA15]. **Morris** [Mil10]. **Most** [CFS13]. **Motif** [FGR17, GÁVRRL16]. **Motion** [BY16, CDYC11, GIB12]. **Motorcycle** [SHR⁺11]. **MotorcycleSim** [SHR⁺11]. **Movable** [ACW13]. **Movement** [ZYZ⁺13]. **Moves** [MM17]. **Movie** [ÖKA11]. **Moving** [BDL⁺13]. **Mp2P** [MK11]. **MPEG** [AAZ13, Ang13, GLBS13, HM13, YYO15]. **MPEG-4** [YYO15]. **MPEG-7** [AAZ13]. **MPI** [CRGM14, WT12]. **MPI/OpenMP** [WT12]. **MPSoC** [CK10]. **MRC** [BG15]. **MS** [VWR11]. **MS-DFA** [VWR11]. **MSC** [DH12a]. **MSC-Based** [DH12a]. **MSCs** [DH14]. **Muller** [WLZ⁺15]. **Multi** [ABL⁺18, ASS15, BHR10, BS16, BLRT10, CFMR14, Chi12, CLL10, DGFGHZ13, ELS11, GF17, GTS⁺11, GA18, GBBK14, GB15, GGZC11, HM14, HNAS18, HLZ15, HFP⁺19, ISST19, LH13, LBZ19, LR14, LV17, LZN⁺16, LGC19, MZHY15, MZW⁺18, MEH19, NGAuHQ16, OR12, OKG⁺12, PT13, PB12, PW12, PXG⁺17, RAKJ17, RLTZ17, RTE⁺13, RG14, RA14, SL14, SU18, SCD15, TS19, Wan14, WOLP15, WHSW15, WLZ⁺18, XZY⁺10, YGH⁺14, YYK⁺17, YT11, YLLS16, jZ18, ZDL⁺17, ZLG15, dFHP⁺11]. **Multi-Agent** [CFMR14, LR14, PXG⁺17, RA14, ZLG15, dFHP⁺11, LBZ19]. **Multi-Armed** [LV17]. **Multi-Authority** [ZDL⁺17]. **Multi-Biometric** [NGAuHQ16, YYK⁺17]. **Multi-Cloud** [GB15]. **Multi-Core** [RTE⁺13, XZY⁺10, YGH⁺14, CLL10]. **Multi-criteria** [BHR10]. **Multi-Dimensional** [LGC19]. **Multi-Dividing** [GF17]. **Multi-floors** [ISST19]. **Multi-groups** [BLRT10]. **Multi-Hop** [YT11]. **Multi-Label** [PT13]. **Multi-layer** [HNAS18]. **Multi-Layered** [HFP⁺19]. **Multi-Level** [GBBK14, MZW⁺18, TS19]. **Multi-Machine** [WLZ⁺18]. **Multi-Measure** [BS16]. **Multi-Objective** [GA18, HLZ15, LZN⁺16, RLTZ17, SU18, SL14]. **Multi-Party** [ABL⁺18, SCD15]. **Multi-Path** [GTS⁺11, GGZC11]. **Multi-phase** [ELS11]. **Multi-pose** [MZW⁺18]. **Multi-Proxy** [ASS15]. **Multi-Query** [WHSW15]. **Multi-Receiver** [Wan14, Chi12]. **Multi-Robot** [MEH19]. **Multi-Scale** [LH13]. **Multi-Segment** [WOLP15]. **Multi-Signature** [ASS15]. **Multi-source** [PB12]. **Multi-state** [jZ18]. **Multi-Stride** [PW12]. **Multi-task** [RG14]. **Multi-Threading** [OR12, YLLS16]. **Multi-Tier** [RAKJ17]. **Multi-Two-Party** [DGFGHZ13]. **Multi-User** [MZHY15, OKG⁺12]. **Multi-Way** [HM14]. **Multi-Weight** [BS16]. **Multiagent** [CCUA14, VRAC11]. **Multicarrier** [KV16]. **Multicast** [AUB11, LTW10, WF10]. **Multicore** [CWCS14, KLA⁺15, OBA16, SPdGPM18, WT12]. **Multicoupon** [HIDFGPC15]. **Multicriteria** [DG15a]. **Multidimension** [AJA16]. **Multihomed** [HLC10b]. **Multilevel** [NSA15, YMS⁺15]. **Multilingual** [Jun12]. **Multimedia**

[AGP10, GIP^{+12a}, GIP^{+12b}, HLC10a, NSA15, OB18, PZPS15, PYM⁺¹⁵, WLY⁺¹⁵, ZW15, Zha15]. **Multiobjective** [ARVR15, GÁVRRL16, KNHK12, RLVRGÁ15]. **Multiparty** [CCL⁺¹³, vdALM⁺¹⁰]. **Multipath** [BAFF11, HLC10b, WS10, XS11, HCL15]. **Multiple** [ABCG11, DTFT11, DTFT12, DSB15, GSS19, HHL10, JDAZN16, LTC⁺¹⁵, Ma17, OR12, PSS10, SVG⁺¹⁵, TB11, VRD10, VWR11, WWB17]. **Multiple-Collision** [HHL10]. **Multiple-Stride** [VWR11]. **Multiplication** [ABS12, CW11]. **Multiplicative** [PB14]. **Multiprocessor** [NL19]. **Multiprocessors** [CCCS11, KW11]. **Multiresolution** [PABD10, SK18b]. **Multiset** [MSTA17]. **Multisets** [AC14]. **Multisite** [URHK19]. **Multispectral** [TS17]. **Multithreaded** [Lop13]. **Multivalued** [BD14]. **Multivariate** [CLND19, ST16, YT16b, YL17]. **MultiView** [URHK19]. **Mum** [SR10]. **Mumford** [Bra10]. **Mutation** [aSPW⁺¹⁷]. **Mutual** [DLL⁺¹³, WT10]. **mvSERS** [HLKL15].

N [Ver17, KV16]. **Named** [MDB⁺¹⁸, PWY⁺¹³]. **Narrow** [PRJS11]. **Narrowing** [HJP15]. **NAS** [WT12]. **Nash** [SPJA11]. **Natural** [Gel12, LHCN11, MMB13, PH15, Sab11, Whi12a]. **Nature** [Par15]. **Navigational** [ZV15]. **NdRFT** [BFCRH14]. **Near** [AFKT12, GTN10, TY14]. **Near-Optimum** [GTN10]. **Near-Perfect** [TY14]. **Nearest** [GYDX12, JD12, WCL15]. **Necessary** [LJC11]. **Negotiation** [DB15]. **Neighbor** [GYDX12, HLJ⁺¹⁵, JD12, XZL17, ZLX⁺¹⁹]. **Neighborhood** [GY13, KSA12, LCLL12, XLXZ17]. **Neighbors** [WCL15]. **Neighbourhood** [Dan11]. **Nelder** [CGVP15]. **Nested** [XHTH13, yZdZhZ18]. **Nested-Stacking** [yZdZhZ18]. **Net** [YHS⁺¹⁷]. **Nets** [Abd15, BFF⁺¹⁵, HJL16, LJC11, PTOM18, jZ18]. **Network** [AFG⁺¹⁷, AS11, BHAC10, BSK19, BS16, BDL⁺¹³, CFM17, CCF11, CGE⁺¹⁴, CUA14, CBA18, DJAJ15, DAOG14, FFH17, FLZC15, FYF⁺¹⁸, GHMP18, GBBK11, GLL⁺¹³, GV16, HMZ15, HNAS18, HM13, HLZ15, HXZ12, HLC10a, HMM18, JC10, JYL18, KSPR15, KZY16, LR12, LFLJ18, LQZ⁺¹⁰, LTL10, MP18, MMH18, MDN⁺¹¹, MT11, Meg16, Meg18, MMPB10, MK19, NG17, NRZQ15, PBL14, RDB^{+14a}, RHH12, Sak10, SBV19, SSK19, Tam18, TST⁺¹¹, Tim10, VKZ⁺¹⁰, VGA15, VKC15, WN11, WLI⁺¹⁴, WF10, WCXZ17, WCW⁺¹⁸, XHTH13, YZLC15, ZH14, ZL15, TYL⁺¹⁸, SKK⁺¹²]. **Network-Based** [RHH12]. **Network-on-Chip** [AS11, DAOG14]. **Network-Scale** [CCUA14]. **Networking** [CL13, CZL⁺¹⁸, dRFMD⁺¹⁷, GRVD⁺¹⁵, HGRV15, MDB⁺¹⁸, RJS⁺¹⁷, ZHL15]. **Networks** [AG12, ABM12, ABG⁺¹², AKL⁺¹⁹, AFGG11, ADML⁺¹³, AHM15, Alm19, ABH15, AAH10, Ano17, BN14, BBM10, BL11, BEG⁺¹⁶, BCC⁺¹⁹, BMRS11, BAFF11, BPK10, BS10a, BK12a, BK14, CLSV15, CCF11, CLRJ14, CWS⁺¹⁰, CL17, CL18, DE10, DA14, DA18, DSTC12, DLL⁺¹³, EA17, ER14, ELS11, FWC13, FLWL19, GPK11, GN10, GM11, GH17, GTS⁺¹¹, GTB10, GTL13, GGZC11, HJS⁺¹³, HLJ⁺¹⁵, HB11, HWCZ16, HLC10b, HZHC11, Hua14, HC15, HLZ⁺¹⁷, HH14, IAG⁺¹⁴, Jay12, JYL18, KSA12, KL14, KNHK12, KAAE11, KXS⁺¹⁰, KCC15, KMNA⁺¹⁶, Koç10, KLT⁺¹⁵, KLS18, Kon10, LH13, LH11, LHYW12, LL15, LZZZ13, Lev10b, LYPL17, LZL⁺¹⁷, LBZ19, jLbLzH18, LWPZ13, LHM⁺¹⁵, LZ19, LC14, LCLL12, LWW13, LLDL17, LSCG10, LPV10, MDN⁺¹¹, Mar10b, Meg18, Meg19, MS11, NSRP15, NSA15, NK14, NB12, OKG⁺¹², OKA17]. **Networks** [OB18, PB12, PR11, PYM⁺¹⁵, PTP10,

QLZ18, RDB^{+14a}, RMP⁺¹⁶, RASM17, RG14, RL11, RKBY15, Rog11, RLVRGÁ15, SJ14, SJA17, SM12, SAKOK11, ŞLV⁺¹¹, SJ18a, ST17, SM16, SZL16, SLW⁺¹⁷, SVG⁺¹⁵, SJ18b, SYH11, SJS12, SGG⁺¹³, TPG⁺¹⁵, TL19, THP⁺¹¹, THP⁺¹², TB11, UKW⁺¹⁸, VRAC11, WZ17, WOV⁺¹⁰, WHYH12, WCL15, WEFJ15, WWW16, WB16, WCKH10, WSR11, WCW⁺¹⁴, WLY⁺¹⁵, XLXZ17, XS11, XZL17, YC14a, YWSH10, YDE11, YT11, YLX⁺¹¹, YZJH12, YNN11, ZTBW11, ZWJ⁺¹⁴, ZYY⁺¹³, ZYR⁺¹³, ZLX⁺¹⁵, ZW15, Zha15, ZJHJ17, ZZLL18, ZJHJ19, ZM19, ZLYX10, ZHY⁺¹⁴, ZJH⁺¹⁵, dFHP⁺¹¹, DTFT11, DTFT12). **Networks-On-Chip** [ADML⁺¹³]. **Neumann** [GDKP10]. **Neural** [BHAC10, BMRS11, BPK10, EA17, GV16, HNAS18, KNHK12, Koç10, jLbLzH18, NG17, NM19, RHH12, RG14, Tim10, Whi12b, WF10, TYL⁺¹⁸]. **Neuro** [ALA19]. **Neuro-Fuzzy** [ALA19]. **NIPSOM** [VBMH10]. **NMF** [MP18]. **NMR** [AÇPD11]. **No** [TXJ⁺¹⁹]. **No-wait** [TXJ⁺¹⁹]. **Node** [AKL⁺¹⁹, ABH15, BKP11, BK12a, CL17, DA18, LC14, OKG⁺¹², PK18, ZWJ⁺¹⁴]. **Node-Disjoint** [ABH15]. **Node-Link-Based** [ZWJ⁺¹⁴]. **Node-Pancyclic** [CL17]. **Node-to-Set** [BKP11, BK12a, LC14]. **Nodes** [ACG⁺¹¹, KTTRJ10, MS11, RHG⁺¹¹, VGA15, YT11]. **Noise** [FET17]. **Noisy** [Cao10, HZW⁺¹⁴, YZLC15]. **Non** [AG12, AKA15, Ana10, BACD13, Cao14, EFYS19, ER14, GZXA19, HBDJ13, HWS⁺¹⁹, LK18, LWYZ17, LZ19, PS15, RHH12, SKS19, SGG⁺¹³, WCW10, WXP⁺¹⁰, XHC⁺¹⁵]. **Non-abelian** [HWS⁺¹⁹]. **Non-Archimedean** [Ana10]. **Non-Backtracking** [LZ19]. **Non-Cooperation** [SGG⁺¹³]. **Non-Determinism** [HBDJ13]. **Non-Deterministic** [PS15, EFYS19]. **Non-Functional** [AKA15, SKS19]. **Non-homogeneous** [AG12]. **Non-IIDness** [Cao14]. **Non-interactive** [LK18]. **Non-MDS** [XHC⁺¹⁵]. **Non-polynomial** [LWYZ17]. **Non-recursive** [BACD13]. **Non-regular** [WCW10]. **Non-Spatial** [ER14]. **Non-time** [WXP⁺¹⁰]. **Non-transferable** [GZXA19]. **Non-uniform** [RHH12]. **Nonce** [MPLDV13]. **Nonlinear** [ZL19]. **Nonzero** [KAAE11]. **Normal** [KMZ16, LJC11, PABD10, RiCH10, WVGP11]. **Normalized** [YGFL15]. **Note** [CGVP15, HWCZ16]. **Noting** [SDN15]. **Novel** [CLH⁺¹⁴, DD19, DB13, HZJS17, KRDH13, LYY^{+18a}, LCMC11, MPP15, NM19, NC16, RR16, RATB⁺¹³, RiCH10, VBVP14, VN16, WZXL12, ZZM17a]. **Nuclear** [AÇPD11]. **null** [BL15a]. **Number** [AJ15, Erg11, MMAY19, STW⁺¹⁸, WJ19]. **Numeral** [Sta18]. **Numerically** [DH12b]. **Nurmi** [Jas10]. **NVM** [CP16]. **NVR** [AÇPD11]. **NVR-BIP** [AÇPD11]. **O** [AD11, DCLN11, GFPC16, LMR18, WHP⁺¹³]. **Obfuscated** [ZM16]. **Obfuscation** [CLC⁺¹⁹, CLJ⁺²²]. **Obfuscators** [PSD15]. **Object** [CLM16, KLL14, KS16, LTL10, PiLCH11, WSR11]. **Object-Tracking** [LTL10]. **Objective** [FS18, GA18, HLZ15, LZN⁺¹⁶, RLTZ17, SU18, SL14]. **Objects** [AFKT12, BDL⁺¹³, DGV17, GHXW16]. **Oblivious** [HSMY12]. **Observations** [ZC10]. **Obtaining** [PB14]. **OCCI** [YT16a]. **Occurrence** [GÁVRRL16, SK18b]. **Occurring** [LLZY15]. **Oceanic** [NHMI13]. **OCLoptimizer** [FAFD15]. **Oded** [Lev10a]. **OFDM** [LZZZ13, OJSO14]. **Off** [Tan11, YMWS11]. **Off-Line** [YMWS11, HHL10, Tan11]. **Official** [Küp15]. **Offline** [JMG⁺¹⁶]. **Offloading** [ZWC⁺¹⁹]. **Offs** [DDL17, JLS11]. **Offshore** [SR10]. **Offutt** [Maj10]. **Okey**

[EÇGK16]. **OLAP** [BFMT15, MH11]. **On-Chip** [ADML⁺13, JC10]. **On-Demand** [CDYC11]. **On-line** [HHL10]. **On-line/Off-line** [HHL10]. **One** [ABH15, CBJX19, WCXZ17, XZLW15, YLL⁺17]. **One-Round** [XZLW15, YLL⁺17]. **One-to-Many** [ABH15]. **One-Way** [CBJX19, WCXZ17]. **Online** [FXV13, JMG⁺16, LZZ⁺17, YMS⁺15, ZC10, ZHY⁺14, ZHL15]. **Online/Offline** [JMG⁺16]. **OntCAAC** [KHC15]. **Onto** [OJSO14]. **Ontologies** [AJ17, DBC18, TA16a]. **Ontology** [AAA19, AHH13, CvdT10, GF17, KHC15, MHW10, NNF19, SVS15, TK15, TSC⁺17, mAYL10]. **Ontology-Based** [KHC15]. **Ontology-Oriented** [AAA19]. **OP2** [GMS⁺12]. **Open** [AFG⁺17, BCH⁺15, BY14, GTK⁺19, KZY16, RJV13, WM19, AJBTT19]. **Open-Edge** [BCH⁺15]. **OpenCL** [FAFD15]. **Opening** [Den12b, GDCC16, LLH18]. **OpenMP** [MKW11, WT12]. **OpenStreetMap** [AJBTT19]. **Operating** [HXZ⁺16]. **Operation** [MT11, Whi12b, YLSL19]. **Operational** [TK15]. **Operations** [Ano10, GSS19, ZDZ⁺15a]. **Operators** [JZ13]. **Opponent** [SL10b]. **Opportunistic** [BBM10, CCF11, MK13, WBS15]. **Opportunities** [WRSV12]. **Opposing** [SKS19]. **Optical** [NSRP15, PTWB14, RLVRGÁ15]. **Optimal** [BFCRH14, CLW11, FZCL18, FGS15, GA18, KSA12, LYC11, LLN⁺15, PDNH15, RJ18, SHL⁺15, TL19, WYL⁺13, YC14b, ZZ17, yZdZhZ18, AUB11]. **Optimistic** [DGFGHZ13, WSA15]. **Optimization** [ADML⁺13, ARVR15, BBM10, BBGM14, CFMR14, GMS⁺12, GA18, GTM15, HGZ10, HXQ⁺19, KNHK12, LWDZ16, LJYL13, LZN⁺16, MK19, NM19, OJSO14, RA14, SU18, SC11, SBV19, SJ18b, WLZ⁺15, WLZ⁺18, XXW11, ZJHJ17, ZJHJ19, ZLYX10, ZZZ14, ZDZ⁺15b]. **Optimization-Based** [SBV19, SJ18b]. **Optimizations** [NdMCdMM16]. **Optimize** [AGR15, Ort11, XYL⁺11]. **Optimized** [FAFD15, HHHC16, PKM18, SJA17, dAEN⁺18, MDN⁺11]. **Optimizing** [HZQ⁺19, Kha16, WWXH18]. **Optimum** [GTN10]. **Options** [PHB15]. **OPV** [HHHC16]. **OPV-SLA** [HHHC16]. **Oracle** [CBJX19, DH14]. **Oracles** [GSW⁺16, GMS11, YLA⁺13, ZYM18]. **Orange4Ws** [PZL12]. **Orchestrations** [GSS14]. **Order** [DCA18, KH18, WCCL13, WLZ⁺18, ZZ17]. **Order-Hiding** [DCA18]. **Orders** [SV15]. **Organization** [HZJS17, LCMC11]. **Organizational** [PXG⁺17]. **Organized** [GV16]. **Organizing** [DBHC15, FM11]. **Orientated** [TJZF12]. **Oriented** [AAA19, Bro10, Cal11a, HXLX18, HXLX22, MK13, MGM12, NdMCdMM16, OLF⁺17, PZL12, MK11]. **Origin** [vdH15]. **Orthogonal** [BBM14, BZS⁺16]. **Oscillation** [RDB14b]. **Oscillation-Free** [RDB14b]. **Oscillator** [Erg11]. **Oscillatory** [Whi12b]. **OSNs** [PZPS15]. **Osteoporosis** [SBV19]. **Outerplanar** [HM17]. **Outlier** [GBBK11, PCLU12]. **Output** [Kap11, SLP11]. **Outsourceable** [QZZ18]. **Outsourced** [RDZ⁺16, ZDL⁺17]. **Outsourcing** [MK11, MK13, SR10, WWJ18]. **Overhead** [BKFP19, WCKH10]. **Overlapping** [CMKJ10, JS15, WWB17]. **Overtaking** [EMB19]. **Overview** [YIUH14]. **OWL** [SVS15]. **P2P** [CLL14, EOIH15, ISH13, LY10, LHFF13, LFHF14, YLX⁺11, ZWJ⁺14]. **PaaS** [YT16a]. **Package** [LWKB15]. **Packages** [PiLCH11]. **Packet** [AG12, CC19, FEDHL16, GM11, HCL15, Sak10, TPG⁺15, TY14, VWR11, ZYWW13]. **Packet-Level** [TY14, ZYWW13]. **Packets**

[IS13]. **Packing** [PTWB14]. **Page** [LHCN11, VB16]. **Page-Sharing** [VB16]. **Pages** [WCCL17]. **Pairing** [HH14, LSQ18a, LGPRH14, YY17, ZM18]. **Pairing-Based** [LGPRH14]. **Pairing-Free** [LSQ18a, YY17, ZM18]. **Pairings** [ASS15, IL15]. **Pairs** [BBB⁺15]. **Pairwise** [CFS13, CFS14, JS15]. **Palsy** [PKM18]. **Pan** [YLSL19]. **Pancake** [SZL16]. **Pancycle** [Fan10]. **Pancylic** [CL17]. **Pancylicity** [CKH18]. **PAPR** [OJSO14]. **Paradigm** [RATB⁺13]. **Paradox** [Sta18]. **Parallel** [ABS12, CHL14, DN16, GLK⁺16, GJ16, yHRT⁺12, KK18, KTA12, OLL15, PB12, RLVRGÁ15, SHL⁺15, VBMH10, VMF⁺14, WHP⁺13, WT12, ZHY⁺14]. **Parallelism** [HK15]. **Parallelization** [NdMCdMM16, YLLS16]. **Parallelized** [PBL14]. **Parameter** [CGVP15, HBS⁺19]. **Parameter-free** [HBS⁺19]. **Parameterized** [SLL15]. **Parameters** [Gur15]. **Paraphrase** [TA16b]. **Paravirtualization** [AD11]. **Parsing** [SLZ14, ZTTM18]. **Part** [KKMG15]. **Partial** [CBJX19, KH18, Meg19, PS17, SHL⁺15, YWY10]. **Participatory** [PZZ⁺17]. **Particle** [NdMCdMM16, OJSO14, SJ18b, WLZ⁺18]. **Parties** [YCR16]. **Partition** [GSRM17]. **Partitioned** [FVS17, KTA12, LAP11]. **Partitioning** [JC10, KAS13, MSH⁺11, QZXR15, RR16]. **Parts** [DD19, FFH17]. **Party** [ABL⁺18, BBKL19, DGFGHZ13, NSMS14, SCD15, ZM16]. **Passage** [BBDF11]. **Passing** [KTTRJ18, MPH14, VMF⁺14, YGH⁺14]. **Password** [FVS17, Lop15a, Lop15b]. **Password-Based** [FVS17]. **Path** [ADBPLV13, BKP11, BK12a, BK12b, DCLN11, FGS15, GTS⁺11, KLS18, LR14, LKG10, LLF17, MBRM15, SPJA11, WVG11, Xie11, ZW15, ZFZ12, GGZC11]. **Path-Classification** [SPJA11]. **Path-Consistency** [KLS18]. **Path-Planning** [MBRM15]. **Paths** [ABM12, ABH15, BK14, LC14, MMH18]. **Patient** [ZVG16]. **Patient-Centric** [ZVG16]. **Pattern** [BBM17, Cai12, CFM17, CAV17, DPZ11, DCA18, K VX12, LA12, LJA15, NPTZ16, NK14, OR12, OKT⁺16, SK18b, VWR11, WCW⁺14]. **Pattern-Based** [BBM17, WCW⁺14]. **Pattern-Matching** [K VX12]. **Patterns** [FET17, GIP⁺12a, GIP⁺12b, HK13, Kha16, WOLP15]. **Paul** [Maj10]. **Paxos** [MPSP17]. **Payment** [DG15b]. **PC** [SPJA11]. **PC-Nash** [SPJA11]. **PCM** [RRCC⁺15]. **PCM-Based** [RRCC⁺15]. **PeakGraph** [LCXZ16]. **Pedrycz** [Gaz10]. **Peer** [GIP⁺12a, GIP⁺12b, LY10, YIUH14]. **Peer-to-Peer** [GIP⁺12a, GIP⁺12b, YIUH14]. **Peering** [KSPR15]. **Peers** [RMB11]. **Penalties** [WXLL18]. **People** [PRG⁺10]. **Pepa** [TZ11]. **Perceptions** [SR10]. **Perceptual** [NS16, THY⁺18]. **Perfect** [BKP11, BK12b, TY14]. **Performability** [EMTSM18]. **Performability-Based** [EMTSM18]. **Performance** [AKL⁺19, ASCTFP16, AD11, Awa13, BBM10, BKFP19, BGM⁺11, BS10a, BCK⁺11, Bra11, CTIAP12, CXF⁺15, DHT⁺19, DN16, ECL15, EDH⁺18, ETR⁺16, GH17, GMS⁺12, GFPC16, GB15, Har10b, HYZ17, yHRT⁺12, HJL16, Jar11, Jar12, Jay12, KV16, KAS13, LZZZ13, LMR18, LJYL13, LGHD15, MK13, Mit10, MGM12, NZ14, Pek12, RMGT11, SPRR⁺17, SWG13, WT12, WWZ⁺17, YZLC15, ZYY⁺13, EB12]. **Performance-impacting** [RMGT11]. **Performance-Oriented** [MGM12]. **Perimeter** [PL16]. **Permission** [VN16]. **Permissions** [CK15]. **Permutation** [LJ16]. **Person** [FFH17]. **Personal** [RSD19, Wet10]. **Personalization** [LNBFP13]. **Personalized** [BDC11, GJQG14, HHC16, VGA19].

Personnel [HSZS17, HSZS18]. **persons** [NK19]. **Perspective** [VRAC11, HHH⁺18]. **PerTiMo** [CK15]. **Pervasive** [HHCL10, LSW10, MHW10, SVP13, ZSX10]. **Peter** [GG10]. **Petri** [Abd15, HJL16, PTOM18, YHS⁺17, jZ18]. **Petri-Net-Based** [YHS⁺17]. **PGR** [Cha10b]. **Phase** [DTFT11, DTFT12, ELS11]. **Phenylene** [YLW⁺17]. **Philosophical** [JHHC15]. **Phishing** [EA17]. **Phone** [OKT⁺16, SCKH18]. **Photo** [WHSW15]. **Photographic** [YSC⁺15]. **Phrase** [KMZ16]. **Phrase-Structure** [KMZ16]. **Physical** [JYL18, NLDH11, SPS⁺18, WYL⁺13, YAQ12]. **Physical-Layer** [JYL18]. **Physics** [Bac12]. **Pieter** [Lar10]. **Piggybacked** [YC11]. **Pixel** [LTC⁺15]. **PKC** [Ma17]. **PKC-Based** [Ma17]. **PKE** [GWW⁺13, HTC⁺15]. **PKE-AET** [HTC⁺15]. **PKI** [YCR16]. **Placement** [RAKJ17, RR16, TPV18, WCW⁺18, yZdZhZ18]. **Places** [BBDF11]. **Plagiarism** [DG13, YWFQ18]. **Plan** [ISST19]. **Planar** [BD16, DDL⁺15, DDLM17, ZQ13]. **Planarity** [AD16, RH17]. **Plane** [MMH18, YLL⁺12]. **Planning** [LR14, MBRM15, SCT18a, SNG⁺10]. **Plant** [KYU11]. **Platform** [AFGG11, CLL14, Mur10a]. **Platforms** [BHR10, EFV15, GTK⁺19, PHB15]. **Play** [SL10b]. **Playgrounds** [URHK19]. **PMC** [SZL16]. **PMCTrack** [SPRR⁺17]. **PMIPv6** [CHDP17]. **PMR** [SC10]. **Point** [AAHTH10, ABS12, PB14, ZM16]. **Point/Polynomial** [ZM16]. **Pointers** [Lop12]. **Points** [PL16]. **Poisoning** [HLAZ15]. **polar** [YKK18]. **Polarity** [WLZ⁺15]. **Policies** [BH10, JCSZ13, RRCC⁺15, TAC⁺18, TEP⁺16]. **Policy** [CP16, CHH⁺19, GSW⁺16, HGRV15, KHR⁺19, LLpC16, SL14, SL10a, SNG⁺10, ZSX10, YC19]. **Policy-Based** [SL10a]. **Policy-Driven** [SNG⁺10, ZSX10]. **Pollutant** [LWKB15]. **Polygon** [Xie11]. **Polygons** [BCH⁺15]. **Polynomial** [WT18, ZM16, LWYZ17]. **Pools** [WRSV12]. **Population** [MKL18]. **Populations** [HTG12]. **Port** [BBK11]. **Portable** [DLM⁺14, DCLN11]. **Portfolio** [NM19]. **Portrait** [HCZ⁺19]. **Pose** [KLL14, MZW⁺18]. **Position** [PK18]. **Positioning** [Hua14]. **positions** [JJ18]. **Positive** [WVGP11]. **Possible** [Fra15, HJL10]. **Potential** [CMKJ10, ZW15]. **Potentials** [NYT⁺11]. **Power** [AK12, BGM⁺13, Cor11, Dim13, yHRT⁺12, LBIC14, MSWI⁺12, RDB⁺14a, TMOO11, WLZ⁺15, WCKH10, WT10, YAM⁺15, ZH15, wZfG15, ZV15, ZJHJ19, ZJH⁺15]. **Power-Aware** [Cor11, WCKH10]. **Power-Proportional** [LBIC14]. **Powered** [PL18]. **Powerful** [IF16]. **pp** [Gaz10, Jas10, Joh10, Lar10, Lev10a, Maj10]. **Practical** [FT11, HH17, JYL18, LW16, WHLH16, dLGCML14]. **Practice** [JRC⁺10, Jun12, CMS10, Lev11a]. **PRAM** [JYP⁺15]. **Precedence** [BHR10]. **Precise** [FEDHL16, Hie16]. **Precondition** [YWY10]. **Predicate** [LNWZ19, NMS14, ZYT13]. **Predicting** [LWKB15, OKT⁺16, RHH12, SLL15, ZFZ12]. **Prediction** [ALH17, AKL⁺19, CBA18, GOR⁺10, IK17, KNHK12, ÖKA11, ZZM17b, ZHY⁺14, ZH14]. **Predictive** [ALA19]. **Predictors** [JDAZN16]. **Predistribution** [ELS11]. **Preface** [Bra11]. **Preference** [LBZ19, WWJ18]. **Preference-Based** [LBZ19]. **Preferences** [CZLY19]. **Prefetching** [BBM17, Kha11, NTSA16]. **Prefilter** [RT12]. **Prefix** [LSTC11]. **Prefix/Carry** [LSTC11]. **Prefix/Carry-Select** [LSTC11]. **Pregel** [ZCX⁺16]. **PrescADE** [NNF19]. **Prescribed** [WCW10]. **Prescription** [NNF19]. **Presence**

[GOR⁺10, Sin12, Tim11]. **PRESENT** [LJ16]. **PRESENT-like** [LJ16]. **presented** [GG10]. **Preserved** [TS17]. **Preserving** [EKOS19, HLLC11, IJY⁺14, LMGC17, LSY⁺16, LS17, LLLW17, LZWY18, NSMS14, RJ18, SCD15, SJ18a, WZCC18, ZM16, ZTL15]. **Preset** [HT17]. **Press** [Lar10, Maj10]. **Prevent** [HLAZ15, HHHC16]. **Pricing** [JBM⁺19, LZZ⁺17]. **Principled** [TB10]. **Principles** [BK08, Lar10]. **Prior** [YHGL17]. **Prior-Free** [YHGL17]. **Priority** [CCUA14, Dim13, LHFF13]. **Privacy** [BN14, EKOS19, HWY11, IJY⁺14, JLS11, KKMGC15, LMGC17, LSY⁺16, LS17, LLLW17, LZWY18, NH19, NSMS14, PZPS15, PSD15, RJ18, RL11, SCD15, SJ18a, SWLZ12, Wak17, WZCC18, YYK⁺17, ZM16, ZHL15, ZTL15]. **Privacy-Aware** [Wak17]. **Privacy-Preserving** [EKOS19, IJY⁺14, LMGC17, LSY⁺16, LS17, LLLW17, LZWY18, NSMS14, RJ18, SCD15, WZCC18, ZM16, ZTL15]. **Private** [BBKL19, Jia14, LSQX19, MV19, ST17, TSK17, ZMW16]. **Private-Key** [MV19]. **Probabilistic** [EA17, GRVD⁺15, GTB10, PC12, RHF⁺15, Rig14, WP17]. **Probability** [ACB17, Pek14, VM14]. **Probably** [DHW10, Mal10]. **Probe** [BS16]. **Probing** [WBS15]. **Problem** [AZHASD14, APW11, BK12b, Cal11a, Cal11b, CKH18, CL15, CK10, DH14, DDG⁺15, HWS⁺19, KS12, LWPZ13, NG17, NdMCdMM16, PTWB14, SU18, TMOO11, KT18]. **Problems** [DH12a, Fra15, KRDH13, Kot11, LZN⁺16, NM19, OLL15, Tra12]. **Procedure** [Day11]. **Procedures** [RCS16, vdH15]. **Process** [DH12b, Fra12, HTG12, IAG⁺14, LKG10, MZW⁺18, NNN⁺14, OLF⁺17, PGBFW14, QS15, dMRGAS18, RMR15b, VvdAMG17, WDW12]. **Process-Driven** [QS15]. **Processes** [Cha10b, DBC18, KM14, KLL14, LTW10, vdALM⁺10]. **Processing** [Ano10, BL11, FP19, HS19, LR12, NdMCdMM16, Pyl19, SCD15, WGL⁺18, YC14a, ZHL⁺17, JJ18, WLWL18]. **Processor** [Nur07, XZY⁺10, YT16b, YS15, Jas10, VRD10]. **Processors** [HWXD14, OBA16, SPdGPM18]. **Product** [AK12, FSMT19, HM14, OVGG14, PS17, QLZ18, SAK16, WZF18, YC14b]. **Product-Forms** [HM14]. **Products** [LMG⁺18]. **Prof.** [BTHS12, Kon10]. **Professional** [BT18]. **Profile** [AGF15, Hsu12]. **Profiles** [GSS14, YLSL19]. **Profiling** [HK13, PKM18]. **Profit** [Mit10]. **Prognostics** [BEG⁺16]. **Program** [DHW10, Har11, HY11, Mal10, YLLS16]. **Programmer** [Bar11]. **Programming** [AAA19, AKA15, AFGG11, ACPD11, CCY10, DP13, GA18, Gur15, HGZ10, KTTRJ10, LLDL17, PL18, RAJ15, SZB19, TLRE11, Wet10, ZH14]. **Programming-Based** [SZB19]. **Programs** [MKW11, Rig14, aSPW⁺17, YWY10, ZLCW14]. **Progressive** [DG15a, ZZZ14]. **Project** [HSZS17, HSZS18, Zam19]. **Projection** [OJSO14, WHS⁺16]. **Proof** [CZLC14, JLDJ19, LYY⁺18a, LYY⁺16, ZMZ17a]. **Proof-of-Knowledge** [LYY⁺16]. **Proofs** [NBN14, RB17]. **propagating** [GDKP10]. **Propagation** [AD11, Ni16, WWC⁺11, ZFZ12]. **Properties** [ABG⁺12, CL17, MMAY19, MGM12, OLL15, QYZ19, SAKOK11, WEFJ15]. **Property** [BPBRT16]. **Proportional** [LBIC14]. **Prospects** [PANH10]. **Protected** [NSRP15]. **Protecting** [LLPY19]. **Protection** [Lop12, Lop13, LÖ10, NGAuHQ16]. **Protocol** [AOS⁺15, ABCG11, BBKL19, CL15, DSTC12, DGFGHZ13, GH17, HLC10a, HH14, KSA12, KSPR15, LLN⁺15, LYY⁺16, MBC15, PR11, SM16, SJS12, SWG13, TB10, WCKH10, WT10, YC11, YT11, YNN11, ZTBW11, ZXZ⁺11, ZYR⁺13, ZJHJ17, Mit19, OB18, HCL15]. **Protocols**

[CZCD18, Fra15, HLLC11, LWL⁺¹⁷, MV19, MPLDV13, NSMS14, RB17, WOV⁺¹⁰].

Prototype [KV16]. **Provably** [BCKM17, IL15, WMS⁺¹²]. **Proven** [Har10a]. **Provider** [HHHC16, HHH⁺¹⁸]. **Provider-Based** [HHHC16]. **Providers** [LWS⁺¹⁴]. **Providing** [KS18]. **Proving** [WSY19]. **Provisioning** [HZWT15, LCH16, NSRP15, SPJA11, YT16a, ÁHFE18]. **Proxy** [ASS15, DHT⁺¹⁹, GSW⁺¹⁶, GJJ15, GZXA19, HCZ⁺¹⁹, HZX15, LK18, LSLW15, MBC15, Tan11, WYML16, YMWS11]. **PRS** [GLK⁺¹⁶]. **PRSDs** [BMG12]. **Pruning** [LLTY13, STW⁺¹⁸, YLC15]. **PS** [Hua14]. **Pseudoknots** [SLL15]. **Pseudorandom** [Ana10]. **PSO** [LH11, NdMCdMM16, TPV18].

Psychological [NC16]. **Public** [BVS⁺¹³, Che15a, CLND19, EKOS19, ET19, ETR⁺¹⁶, HWS⁺¹⁹, HTC⁺¹⁵, LLSW16, LSQ18b, LLH18, MZHY15, PDNH15, SLY⁺¹⁶, TMC15, TT12, WP17, YL17, ZY17].

Public-Key [BVS⁺¹³, LLH18, PDNH15, ZY17].

Publication [CMSML16, ZTL15].

Publishing [MP18]. **Pull** [YC11].

Pull-Based [YC11]. **Pulse** [Erg11].

Pulse-Excited [Erg11]. **Pupil** [IEBS19].

Pure [KKM19]. **Purpose** [HWXD14].

Push [GTM15, YC11]. **Pushdown** [KK18].

Pyramids [WW17].

Q [CCUA14]. **Q-Learning** [CCUA14].

QARMA [LJ18a]. **QARMA-64** [LJ18a].

QARMA-64/128 [LJ18a]. **QoS** [BZS⁺¹⁶, GN10, KSPR15, KCZJ14, LQZ⁺¹⁰, MPH14, OB18, SPJA11].

QoS-Aware [BZS⁺¹⁶, KSPR15, OB18].

QoS-Security [MPH14]. **QPRR** [KSPR15].

Quadratic [KRDH13]. **Qualities** [TU17].

Quality [AKL⁺¹⁹, CXH14, GTB10, GLL⁺¹³, HL15, KCZJ14, LCH16, LMA⁺¹⁵, THY⁺¹⁸, VKZ⁺¹⁰]. **Quantified** [HSZS17, HSZS18]. **Quantify** [HS11].

Quantitative [BL15b, BL16, GRK13].

Quantum [CCL⁺¹³, DP13, Mel13].

Quantum-Inspired [DP13]. **Quasi** [BD16, DDL⁺¹⁵, PZ18, PWY⁺¹³].

Quasi-Automatic [PWY⁺¹³].

Quasi-Planar [DDL⁺¹⁵]. **Quasi-Upward** [BD16]. **Quaternion** [HZAZ18]. **Queries** [Chi14, ER14, MH11, SC11, SCT18a, SCT18b, TST⁺¹¹, WVGP11, ZZQ⁺¹⁹, ZV15, ZLL⁺¹⁴, ZZZ14]. **Query** [CCC⁺¹⁰, DCA18, HLC10a, LLZY15, MGZ18, SCD15, TSC⁺¹⁷, WHSW15, WWJ18, XLX17, YC14a, YCL15].

Query-Based [CCC⁺¹⁰]. **Query-Driven** [LLZY15]. **Querying** [AJBTT19, AAH10, BdBG⁺¹⁷]. **Question** [CJYY17, Fre12]. **Queue** [ASCTFP16, BBDF11, BV15, Dim13].

Queueing [IAG⁺¹⁴, YC19]. **Queuing** [HJM12]. **Quicksort** [GK16]. **Quorums** [Kuo10].

R [LJF19]. **RAC** [DDG⁺¹⁵]. **Race** [GAFP⁺¹⁴, YB16]. **Radar** [Pyl19]. **Radial** [SAKOK11]. **Radio** [Alm19, DA18, KV16, KTC⁺¹¹, NB12, RASM17, SJA17, SJ18b, ZJHJ17, ZJHJ19, ZJH⁺¹⁵]. **Radiosity** [PABD10]. **Radius** [YWSH10]. **RAID** [LDK11, WWZ⁺¹⁷, XHC⁺¹⁵, XHQX18].

RAID-6 [XHC⁺¹⁵]. **RAID-Coded** [XHQX18]. **Rainforest** [KTC⁺¹¹].

Rallying [Day11]. **RAM** [RRDC⁺¹⁸]. **Ran** [Har11]. **Random** [BHAC10, BMRS11, CBJX19, Erg11, GSW⁺¹⁶, GN10, GHXW16, GMS11, Koç10, LPL15, LZ19, PZ18, PBL14, Tim10, YLA⁺¹³, ZYM18, ZFZ12].

Randomized [KAS13]. **Randomness** [BWLA16]. **Range** [ABM12, BÜ11, DB13, DCA18, MH11].

Rank [JHBA17]. **Ranking** [BS16, WCCL13]. **Raster** [BdBG⁺¹⁷]. **Rate** [FGS15, RASM17, WM19, ZHL⁺¹⁷, ZLYX10]. **Rate-Modifying** [ZHL⁺¹⁷].

Rating [ZZM17b]. **Ratings** [NB17]. **Ratio**

[MS14]. **Rational** [KOTY17, LWYZ17].
Ray [SBV19]. **RBAC** [VN16]. **RC** [Mar10b]. **Re** [EFV15, FFH17, GSW⁺16, GN10, GZXA19, LK18, LSLW15, LLpC16, ML13].
Re-Configurable [EFV15].
Re-Encryption [GSW⁺16, LSLW15, GZXA19].
Re-Execution [LLpC16].
Re-identification [FFH17]. **Re-Routing** [GN10]. **Re-Signature** [LK18]. **RE-UML** [ML13]. **Reachability** [CCY10]. **Read** [BBM17, LLPY19]. **Read/Write** [LLPY19].
Readaheads [XXW11]. **Readiness** [HJL10]. **Ready** [WRSV12, JJ18, WLWL18].
Real [ALH17, ASCTFP16, AFKT12, ABL⁺18, CDYC11, CAV17, FXV13, FGS15, GJQG14, GIB12, IMS10, JBM⁺19, KW11, LZN⁺16, MSH⁺11, Meg19, NH19, NL19, YGH⁺14, wZfG15]. **Real-Time** [ALH17, CDYC11, CAV17, FXV13, IMS10, JBM⁺19, KW11, MSH⁺11, NH19, NL19, YGH⁺14, wZfG15, FGS15, GJQG14, GIB12].
Real-World [ABL⁺18, LZN⁺16, Meg19].
Realistic [CXF⁺15, dRFMD⁺17, GB14].
Reality [ZZLL18]. **Realization** [JHHC15].
Reallocation [LWZ⁺18]. **REALM** [PA15].
Realtime [KXS⁺10]. **Reasoning** [BPK10, JHHC15, SKS19, ZFZ12].
Receiver [Wan14, Chi12]. **Recognition** [BY16, Cai12, CC11, CLLH13, GB10, IMS10, IA15, JHBA17, jLbLzH18, MZW⁺18, STBB14, WWHL12]. **Recognize** [Tah11].
Recognizing [BY14, TKM11].
Recollections [Wet10]. **Recommendation** [CLL14, MGBD15, ÖKA11, SMLM14, WLW⁺18, YMS⁺15, ZZM17b].
Recommender [CZ19, DJAJ15, TBBH18, YGLW15, TYL⁺18]. **Reconfigurable** [ASG15, BHAC10, FWC13].
Reconstruction [ED09, ED10, KOTY17, KLT⁺15, PG11, VGF11, XHC⁺15].
Records [NHMI13, ZVG16]. **Recovery** [LYY⁺18b, NRZQ15, XHQX18]. **Rectangle** [CWZ19]. **Rectangular** [BBM14].
Recurrent [KNHK12]. **Recursion** [MGZ18]. **Recursive** [CC19, Day11, SLZ14, vdH15, BACD13].
Redesign [HMZ15]. **Reduce** [Kuo10, MMH18]. **Reduced** [LJF16, LJ18a, LYD⁺18, LSG⁺19, THY⁺18].
Reduced-Reference [THY⁺18].
Reduced-Round [LJ18a, LYD⁺18, LSG⁺19]. **Reducing** [CSS16, RATB⁺13, STW⁺18, ZC10].
Reduction [GMS11, KH18, KMNA⁺16, KMZ16, LZHS14, OJSO14, PT13, WSY19].
Reductions [Bla13]. **Reed** [WLZ⁺15].
Reference [FS18, KL10, TK15, THY⁺18].
Reference-Inspired [FS18]. **References** [PK18]. **Refinement** [BACD13, LYPL17, WJ16, ZWFW15].
Refinements [LL11a]. **Reflected** [SV15].
Reflections [Den12c]. **Refutations** [FSGS15]. **Region** [HZW⁺14, Ros14].
Regions [SDW13]. **Register** [HYZ17, KL10]. **Register-File** [HYZ17].
Registers [ZH15, ZL19]. **Regular** [Cal11a, CYTP18, GJ16, KV15b, XLC19, WCW10].
Regularization [ED09, ED10]. **Regulatory** [LH11]. **Rehabilitation** [PKM18].
Rekeying [DT13, LTW10]. **Related** [CWZ19, CMA14, GV16, HLLG18, MEJMG⁺19, NHMI13, ZH14].
Related-Key [CWZ19, CMA14, HLLG18].
Relating [CGVP15]. **Relation** [Hie16].
Relational [BP10, LLZY15, LZL⁺19, WP17]. **Relations** [HLL11, Hie13, TA16a]. **Relationship** [CZ19, LCX14]. **Relationships** [GRK13, KCC15, YWDW12]. **Relative** [CXH14, FGN⁺18]. **Relaxation** [GLK⁺16].
Relay [JYL18]. **Relays** [Gra12]. **Relevance** [dMRGAS18]. **Relevant** [LH13].
Reliability [HXZ⁺16, KSPR15, WM19, XZL17, jZ18].
Reliable [ABCG11, Elg15, KSA12, LS14, MK11, MS12]. **Relocatable** [RHG⁺11].

Remembers [Bar11]. **Remote** [FYMY15, HM17]. **Renewable** [LZZ⁺17]. **Repair** [BFCRH14, HC15]. **Repairs** [YC19]. **Repeatable** [RHG⁺11]. **Repetition** [YLX⁺11, ZSL19]. **Replacement** [AÇPD11, RRCC⁺15]. **Replay** [BMG12]. **Replica** [HZQ⁺19, TPG⁺15, WCW⁺18]. **Replica-Based** [HZQ⁺19]. **Replicas** [CNV13]. **Replication** [LFHF14, WWB17]. **Representation** [Tam18, ZDM⁺15]. **Representing** [DH12b, KBMA12]. **Reputable** [RMB11]. **Reputation** [BL15b, FM11, LHM⁺15, MS11, SF17]. **Request** [LWS⁺14]. **Requirement** [YWR⁺14]. **Requirements** [AKA15, CvdT10, Cha10b, GK17, LMA⁺15, ML13, MBBA16, OS16, SKK18, SKS19, SWLZ12]. **Requirements-Based** [GK17]. **Resampling** [FLCT10]. **Rescue** [RFMJ10]. **Research** [ZJLC16, ZDZ⁺15a]. **Reservation** [CLLL17, LSY⁺16]. **Reshaping** [Uli11, BS10b]. **Residential** [ZLG15]. **Residue** [AJ15]. **Resilience** [SM12]. **Resiliency** [BEG⁺16, ELS11]. **Resilient** [CL15, EOIH15, HHS18, KSA12, LTZY16, PSD15, SJ18a, ZYT13, ZWTM15, ZZM17a, ZYY19, ZY17, ZYM18, ZYH⁺19]. **Resistance** [CLC⁺19, CLJ⁺22]. **Resistant** [FET17, YLLS16, FM11]. **Resistor** [Mar10b]. **Resolution** [ABS13, BT18, ED09, ED10, HFP⁺19, KOA15, ZJLC16]. **Resource** [AGP10, BKFP19, CLH⁺14, Cha10b, CTD18, CK10, CMY17, CWCS14, Das17, EOIH15, JMG⁺16, KV15a, KLT⁺15, KCZJ14, LZL⁺17, LS14, MK13, NNN⁺14, RAJ15, SDN15, ŞLV⁺11, TL19, TPV18, WXLL18, ZDCZ18, ZDZ⁺15b, JJ18, LJWL19, TXJ⁺19]. **Resource-Aware** [AGP10]. **Resource-Dependent** [WXLL18, JJ18]. **Resource-Efficient** [KLT⁺15]. **Resource-Sharing** [MK13]. **Resources** [KHR⁺19, LfHmXjL11, PCC⁺16, YT16a, wZfG15]. **Respect** [ABS14]. **Respective** [VM14]. **Response** [BTHS12, HQL17, HLKL15, Kon10, Mil10, Pen10, Sin12]. **Responses** [Sin12]. **Restricted** [SV15, SJS12, WZF18]. **Result** [DLM⁺14, ZWC⁺19]. **Results** [BCH⁺15, BLRT10, LJF16, RSW14, SLP11, Xie11]. **Rethinking** [MV16]. **Retrial** [Dim13]. **Retrieval** [ACB17, CJYY17, CMSML16, CW12b, IJM14, JMG⁺16, KYU11, KAS13, Lev11a, LL11b, LGC19, Mel13, PB12, RKBY15, SA11, SK18b, TSK17, VBVP14, WHSW15, ZBY⁺10, ZXZ⁺11, CMS10]. **Reuse** [RRDC⁺18]. **Reusing** [WLH15a, ZWC⁺19]. **Revenue** [YHGL17]. **Reverse** [BG15, WCL15]. **Reversible** [HHS⁺15, JDAZN16]. **Review** [Gaz10, Jas10, Joh10, Lar10, Lev10a, Lev11a, Lop15b, Maj10, Mar10a, Uli11, WHS⁺16, ZJLC16]. **Reviews** [Kam10, Kam11a, Kam11b, Kam11c, Kam11d, Kam11e, Kam11f, Kam11g, Kam11h, Kam11i, Kam11j, Kam12a, Kam12b, Kam12c, Kam12d, Kam12e, Kam12f, Kam12g, Kam12h, Kam12i, Kam12j, Kam12k, Kam13]. **Revision** [MEdJMGE⁺19]. **Revisited** [GWWC15, LL11a, Lop15a]. **Revisiting** [IAG⁺14, RSD19, WSA15]. **Revocability** [WHLH16]. **Revocable** [AEHS15, CD16, IDVGMP⁺13, LNWX19, LLLW17, QZZ18, SZS14, TCL15, TT12]. **Revocation** [AEHS15, BP19, CGE⁺14, LW16, Lop15b, RDZ⁺16, ZDL⁺17]. **Reward** [CLRJ14]. **Reweighting** [Kot11]. **Rewriting** [AC14, KS19, TSC⁺17]. **Rewritings** [ZLL⁺14]. **RFID** [BL11]. **RGB** [ST16]. **Rich** [MKW11]. **Rider** [SHR⁺11]. **Right** [Tra12]. **Rigorous** [MBRM15]. **Ring** [CZCD18, KR14, LYY⁺16, MPSP17, PTWB14, XY18, YLA⁺13, ZJ14]. **Ring-LWE** [XY18]. **Risk** [Buz12, Cha11, HHH⁺18, OS18, SR10, TKB18, Zha15]. **Risk-based** [HHH⁺18]. **RKA** [SLY⁺16]. **RKA-Secure** [SLY⁺16]. **RL** [SVS15].

RNA [Mar10b, SLL15]. **RNN** [TST⁺11]. **RNS** [ABS12, HS19, Par15]. **RNS-Based** [ABS12]. **Road** [ZFW15]. **Roadmap** [PW19]. **RoboCup** [RFMJ10]. **Robot** [MEH19, SZB19]. **Robotic** [OLF⁺17]. **Robots** [Ros14, WCL⁺11]. **Robust** [ACW13, BCG12, Cai12, LYPL17, LY10, MKK15, WLHH18, YYO15]. **Rokach** [Lev10a]. **Role** [ZVH11, ZVG16]. **Role-Based** [ZVH11, ZVG16]. **Roles** [TKM11]. **Roman** [Gaz10]. **Rooms** [BBM14]. **Rotation** [CLW11, KJ11, LMMP16]. **Rotations** [LYC11]. **Round** [KOTY17, LJ18a, LYD⁺18, LSG⁺19, XZLW15, YLL⁺17]. **Rounding** [KJ11]. **Route** [HC15, WLW⁺18, WCKH10]. **Router** [AS11]. **Routing** [AOS⁺15, ABH15, BBM10, BF19, BK12a, BK14, DSTC12, GN10, GM11, GTS⁺11, GHMP18, GGZC11, HK15, HH14, KSA12, KSPR15, LLN⁺15, MK19, SJS12, WCKH10, WS10, WF10, WLY⁺15, YWSH10, ZYR⁺13, ZX16, ZLYX10]. **Row** [Sta18]. **RP** [AOS⁺15]. **RSA** [CCL⁺19, MV19]. **RSD** [ZX16]. **RTCC** [WW17]. **RTCC-Pyramids** [WW17]. **RTDB** [EMB19]. **Rule** [CLH⁺14, JDAS12, LSW10]. **Rule-Based** [JDAS12, LSW10]. **Rules** [GF13, GBA18, TS19]. **Run** [BJY11, IF16, LHCN11, LWC15]. **Run-Length-Encoded** [LWC15]. **Run-Time** [BJY11, IF16]. **Running** [NL19]. **Runtime** [SVP13, ZDCZ18].

S [ASG15, Cha10b, LH11, NHC13, RMP10, SC10, WJ19]. **S-box** [RMP10]. **S-Boxes** [WJ19]. **S-DIRECT** [ASG15]. **S-system** [LH11]. **SaaS** [LWS⁺14]. **Safe** [CK15]. **SAFER** [YCL17]. **Safety** [BCK⁺11, CLLL17, FYF⁺18, GH17, GB14, KSH⁺14, OS16, ZLCW14]. **Safety-Critical** [ZLCW14]. **Said** [Den12a]. **Sale** [CC14]. **Salient** [AFKT12, FFH17]. **Samplable** [Yas19]. **Sampling** [DB13, RDMRM12].

Sanitization [RJ18]. **SAR** [WLW⁺18]. **SAT** [AGR15]. **Satisfaction** [BBGM14]. **Satisfiability** [Wak17]. **Satisfiability-Based** [Wak17]. **Satisfying** [SWLZ12]. **Save** [ZJHJ17]. **Save-Then-Transmit** [ZJHJ17]. **Saving** [ARVR15, Dim13, LSCG10, SDN15]. **Scalability** [ER14]. **Scalable** [ASG15, DT13, HIDFGPC15, yHRT⁺12, RTE⁺13, SBBB12, VWR11]. **Scale** [BPFK19, CCUA14, KTTRJ18, LH13, LLDL17, LPV10, MDY15, NS16, OS18, WSR11, WT12, WCW⁺14, ZHY⁺14, ZFW15]. **Scale-Invariant** [NS16]. **Scaling** [SSK12, TS19]. **Scanners** [BÜ11]. **Scans** [BBK11, DB13]. **Scenario** [ADBPLV13]. **Scenarios** [DSB15, SS10b]. **Scene** [SA11]. **Schedulability** [CLSV15, NL19]. **Scheduler** [SDN15, SPRR⁺17, XZY⁺10]. **Schedules** [MK11]. **Scheduling** [BHR10, CL15, CK10, CMY17, CWCS14, EMTSM18, EV16, GA18, HCL15, HJM12, JJ18, KL10, KCZJ14, KV19, LHFF13, LWS⁺14, PB12, RR16, SU18, SM16, SLW⁺17, SHL⁺15, SW14, TB11, VMF⁺14, WS15, WL18, WGL⁺18, WXLL18, WLZ⁺18, ZLX⁺15, wZfG15, LJWL19, TXJ⁺19, WLWL18]. **Schema** [ABS14, KKM⁺15, MDY15]. **Schema-Free** [MDY15]. **Scheme** [ASS15, BP19, CLLL17, CLG⁺19, CHDP17, CL16, Dim13, HSMY14, HIDFGPC15, HWS⁺19, HP17, IL15, LCH16, LTH⁺15, LTZY16, LSQZ17, LSQZ18a, LHFF13, LTC⁺15, LYY⁺18b, LGPRH14, MK13, NK14, NG17, RSD19, RR16, ST16, SPJA11, Tan11, TPG⁺15, TL19, UKW⁺18, WYL⁺13, WLH15b, WWB17, WF10, XTH11, YWR⁺14, YL17, YMWS11, YY17, ZZQ⁺19, ZM18, ZY17, DT13]. **Schemes** [BVS⁺13, BF19, CZCD18, CLND19, Do11, HLLG18, HHL10, HMS⁺12, HCL15, LWL10, MS11, PDNH15, QS15, THP⁺11, THP⁺12]. **Science** [ET19, Ham12, MP17, Suz13]. **Scientific** [Lev10a, NP16, SMLM14, Tra12,

WS15, YMS⁺15]. **Scores** [WCCL17]. **Scoring** [CXH14]. **Screening** [LP14]. **Scripting** [DSB15]. **Scrum** [AAA19]. **SDM** [VL13]. **SDM-Toolkit** [VL13]. **SDN** [DHT⁺19, URHK19]. **SDN-Based** [DHT⁺19]. **SDN-Enabled** [URHK19]. **SDWN** [AFG⁺17]. **SE** [Pop11]. **SE-Compression** [Pop11]. **Sea** [Cro10]. **Search** [Cha10a, Che15a, CMSML16, CMS19, DCA18, EB12, FP18, GJQG14, GN19, HQL17, IJY⁺14, LSQ18b, TMC15, WDCL18, XLM⁺14, KAZ18, Lev11a]. **Searchable** [ZZQ⁺19]. **Searches** [EDH⁺18]. **Searching** [LCXZ16, NZ14, PW12, YGLW15]. **Secondary** [SLL15]. **Secret** [CCL⁺13, DD10a, KS18, KOTY17, LPL15, LTC⁺15, LJ16]. **Secure** [ABL⁺18, BVS⁺13, BWLA16, BCG12, BFMT15, BP19, CC14, CZLC14, Che15a, CMA14, DM18, DG15b, GWW⁺13, HJS⁺13, HLLG18, HH17, HLKL15, IDVGMP⁺13, IL15, KSA12, K p15, LL15, LTH⁺15, LTZY16, LYPL17, LSLW15, LSQ18b, LHL16, MK19, NMS14, NSMS14, QZZ18, RMP10, RLJ15, SZS14, SKK⁺12, SGH15, SLY⁺16, TCL15, WDCL18, WLH15b, WMS⁺12, WWJ18, YLL⁺17, YAM⁺15, YY17, YNN11, ZXZ⁺11, ZVH11, ZVG16, OKG⁺12]. **Secure-TWS** [OKG⁺12]. **Securing** [ZDL⁺17]. **Security** [BKFP19, BGY11, Cha11, CBJX19, GMS11, HXZ12, HMS⁺12, Jay12, JSP13, Jia14, KL14, KS18, LE13, LPPY19, LSQZ17, LYL⁺18, LSQ18b, LWL⁺17, LDB⁺15, LLH18, MKN13, MKK15, MV16, Mit19, MPH14, MHMSGH16, MGM12, OS16, OS18, PZPS15, PDNH15, RB17, RMFM15, RMB15, RMR15b, TD12, TAC⁺18, Trc10, TV12, TV15, TKB18, WSA15, YYK⁺17, Zha15, ZM18, ZYY19, ZY17, ZYH⁺19]. **Seed** [XZW⁺17]. **SEFE** [AD16]. **Segment** [WOLP15, ZCL⁺12]. **Segment-Based** [ZCL⁺12]. **Segmentation** [CLM16, KS16, MPP15, RDMRM12, SCKH18, SLZ14]. **Segmented** [NPTZ16]. **Select** [LSTC11]. **Selecting** [MPLDV13]. **Selection** [AAH10, GRK13, HPG⁺15, KJ11, K 14, KO15, LS17, SBBB12, SZW⁺18, TNWT14]. **Selective** [CL18, DSZZ15, GDCC16, LLH18]. **Selective-Opening** [LLH18]. **Selectivity** [IS13]. **Self** [AZHASD14, BPBRT16, DM18, DLV10, FM11, FXV13, GDKP10, HJK13, HB11, LL14, LPPY19, MDN⁺11, PRJS11, THP⁺11, THP⁺12, WCL⁺11]. **Self-Adaptive** [FXV13]. **Self-assembly** [WCL⁺11]. **Self-Coexistence** [AZHASD14]. **Self-enriching** [PRJS11]. **Self-Healing** [THP⁺11, THP⁺12]. **Self-optimized** [MDN⁺11]. **Self-organizing** [FM11]. **Self-propagating** [GDKP10]. **Self-Stabilizing** [BPBRT16, DLV10, HJK13, LL14]. **Self-Synchronized** [DM18, HB11]. **Self-Updatable** [LPPY19]. **Semantic** [CW12b, DGV17, Hsu12, IJM14, JK12, VL13, ZDM⁺15, vDBvEW10, FLZC15]. **Semantically** [MKW11]. **Semantics** [Chi14, GF13]. **Semi** [KV15b, SMM⁺19, XYL⁺11, XZLW15, XHTH13]. **Semi-Extended** [KV15b]. **semi-Markov** [XHTH13]. **Semi-structured** [SMM⁺19]. **Semi-Track** [XYL⁺11]. **Semi-trusted** [XZLW15]. **Semirings** [M l13]. **Sensational** [YGFL15]. **Sensing** [Alm19, Ano10, DA18, FZCL18, LZWY18, PZZ⁺17, SJA17, TMOO11, ZJHJ19, KT18]. **Sensitive** [KSPR15, KS19, LV17, SSS16, Tan15]. **Sensor** [ACG⁺11, ABM12, AKL⁺19, AFGG11, Alm19, AAH10, BN14, BL11, BEG⁺16, BY14, BSK19, BS10a, CCF11, CLRJ14, CWS⁺10, CDYC11, Cor11, DE10, DA14, DSTC12, DBHC15, ER14, ELS11, FLWL19, FT11, GPK11, GN10, GTS⁺11, GTB10, GLL⁺13, HJS⁺13, HLJ⁺15, HB11, HZHC11, KAAE11, KTTRJ10, KXS⁺10, KLT⁺15,

LYPL17, LTL10, LWPZ13, LCLL12, LSCG10, MT11, Meg18, MMPB10, MGBD15, MS11, OKG⁺12, OB18, PANH10, RL11, Rog11, SJ14, ŞLV⁺11, SM16, SJ18b, SYH11, SJS12, TLRE11, TB11, VRAC11, WN11, WZ17, WOV⁺10, WBS15, YC14a, YWSH10, YDE11, YNN11, ZTBW11, ZBY⁺10, ZLX⁺15, ZJHJ19, ZLYX10, dFHP⁺11].

Sensor-Aided [Alm19]. **Sensor-Based** [MGBD15]. **Sensor-Instrumented** [FT11]. **Sensor-Network** [MMPB10]. **Sensornet** [TB10]. **Sensors** [BY16, yZdZhZ18]. **Sentiment** [FP19]. **Separation** [XZW⁺17]. **Sequence** [CZL⁺18, STW⁺18, SC10, VRD10, WCW10]. **Sequences** [Bla13, HT15, HT16, HT17, SV15, SLL15, WWHL12, YWFQ18]. **Sequential** [Cha10b, GOR⁺10, LR10, OKT⁺16, Vel10]. **Sequentially** [CFJ⁺10]. **Series** [EKOS19, KNHK12, NHMI13, SCKH18, SZL15, ZCL⁺12]. **Servants** [ET19]. **Server** [Che15a, Do11, GMSV14, JWCZ13, LSQ18b, LNWX19, MV19, Mit10, RDB14b]. **Server-Aided** [GMSV14, LNWX19, MV19]. **Server-Designation** [Che15a, LSQ18b]. **Service** [AAZ13, BZS⁺16, BKFP19, BDC11, BKBK14, BCKM17, CWS⁺10, CCHL18, CL16, DTFT11, DTFT12, EV16, GVVL12, HMM11, HuRH⁺15, KCZJ14, LCH16, LP14, LWS⁺14, LDB⁺15, LÖ10, MDS15, NRZQ15, OLF⁺17, PZL12, PP17, WXP⁺10, ZSX10, dAEN⁺18, ÁHFE18, HHH⁺18]. **Service-Based** [LP14, LDB⁺15]. **Service-Oriented** [OLF⁺17, PZL12]. **Services** [Ang13, BV15, DBC18, Elg15, ET19, FLZC15, GLBS13, HLC10a, HJM12, IDVGMP⁺13, JSP13, KHC15, LPL14, NB17, SBBB12, SVP13, SSY15, WWJ18, ZHL15]. **Session** [HLC10a]. **Set** [AJ15, BG15, BKP11, BK12a, BK12b, BK14, CLW11, LC14, LHL16, MSH⁺11, PH15, RCS16, YCL15]. **Set-to-Set** [BK12b, BK14]. **Sets** [HJK13, HS19, OJSO14]. **Setting** [MZHY15, Ma17, ZHL15]. **Setup** [HJM12]. **Seven** [CFS13]. **SFP** [HGRV15]. **SGAC** [HFP⁺19]. **Shadow** [HZAZ18, KS16]. **Shadows** [YSC⁺15]. **Shape** [CLM16, KYU11, NLDH11, SY13]. **Share** [LTC⁺15]. **Shared** [CFJ⁺10, NSRP15, NHC13, OKG⁺12, OBA16, WWZ⁺17, ZC10, wZfG15, PZPS15]. **Sharing** [CLG⁺19, CK10, CCL⁺13, DD10a, EOIH15, KOTY17, LPL15, LY10, LTC⁺15, LZZ⁺17, MK13, NH19, QZZ18, VB16, YC11, EFV15]. **Shearlet** [TS17]. **Shell** [WZCC18]. **Shift** [ZH15, ZL19]. **Shih** [Joh10]. **Shilling** [CZ19, TYL⁺18]. **Short** [GMS11, LZL⁺19, PRJS11, XGLM14]. **Short-Text** [LZL⁺19]. **shortening** [WLWL18]. **Shot** [BPK10]. **Shuffle** [GÁVRR16]. **Side** [KH10, RDB14b, YL17]. **Side-Channel** [KH10, YL17]. **Sign** [IMS10, LL15, jLbLzH18, ZHY⁺14]. **Sign-On** [LL15]. **Signal** [CCUA14]. **Signature** [ASS15, AEHS15, CZCD18, CLND19, GJJ15, GMSV14, GHY18, HHL10, HZX15, HP17, LK18, LTH⁺15, LDZ16, LYY⁺16, LGPRH14, LLS17, OBA16, ST16, Tan11, TTH15, WZXL12, WLH15b, WYML16, WHLH16, XGLM14, YMWS11, YLA⁺13, ZJ14]. **Signatures** [GdM16, GMS11, HMS⁺12, HHS18, Ver17, WCD19, WLI⁺14, YT16b]. **Signcryption** [CMA14, HWY11, IL15, LSQZ17, LSQ18a, RSD19, YY17, ZCL13, ZM18]. **Significance** [BPK10]. **Significant** [KTM19]. **Significantly** [YZLC15]. **Signing** [DGFHGHZ13, YAM⁺15]. **Signposting** [Thi11]. **SIMD** [HWXD14]. **Similar** [ZDCZ18]. **Similarity** [Cha10a, DG13, HPG⁺15, NZ14, ÖKA11, TA16b, ZZ17]. **Similarity-Based** [HPG⁺15]. **Simple** [Cha10b, EKOS19, LYY⁺18b, Xie11, ZH15]. **SimpleLock** [YB16]. **Simpler** [YLL⁺17]. **Simplicity** [Yas19]. **Simplifications**

[ZTTM18]. **Simplified** [RHF⁺15]. **Simulated** [HGZ10]. **Simulation** [GLK⁺16, GB15, yHRT⁺12, Jar12, KOA15, LDK11, LLH18, TKB11, WXP⁺10]. **Simulation-Based** [LLH18]. **Simulator** [DFG10, GFPC16, SHR⁺11]. **Simultaneous** [DDL⁺15, LJWL19, VGF11]. **Since** [Har11]. **Single** [ED09, ED10, HZAZ18, LL15, LJWL19, RH17, WGL⁺18, WXL18, XHQX18, ZHL⁺17]. **Single-Image** [HZAZ18]. **Single-Machine** [ZHL⁺17, LJWL19]. **Singular** [NS16]. **Sink** [KAAE11]. **Sinkhole** [HLJ⁺15]. **Sinks** [ABCG11, TB11]. **SIP** [PP17]. **SIP-Based** [PP17]. **Sirt** [VGF11]. **Site** [DSB15]. **Situation** [KBMA12, ZFZ12]. **Situations** [KHYC15, STBB14]. **Six** [GTK⁺19]. **Size** [AEHS15, LSQX19, WCXZ17, YWSH10, ZMW16, ZSL19]. **Sized** [GHXW16]. **Sizes** [ZL15]. **Skeleton** [YGLW15]. **Skip** [FP18]. **Skip-Search** [FP18]. **Skyline** [SCT18b]. **SLA** [HHHC16, DB15, HHHC16, HHH⁺18, NSRP15]. **SLA-Based** [NSRP15]. **Slacking** [SHL⁺15]. **SLC** [JYP⁺15]. **SLC/MLC** [JYP⁺15]. **Slices** [VBVP14]. **Slicing** [LCX14, YWY10]. **Sliding** [MDY15]. **SLK** [WGL⁺18]. **SLCs** [RRDC⁺18]. **Sloman** [Mil10]. **Small** [ABG⁺12, ARVR15, HXQ⁺19, OS18, QYZ19, WCXZ17, YZLC15, YTV16, YT16b]. **Small-Scale** [OS18]. **Small-World** [ABG⁺12, ARVR15, QYZ19, YZLC15]. **Smart** [DSTC12, DFG10, GTK⁺19, MHW10, SSK19, ZNQR15, JBM⁺19, SKK⁺12, XLXZ17]. **Smart-Context** [MHW10]. **Smartphone** [BDC11, LWKB15]. **Smartphones** [PZZ⁺17]. **SmartRec** [XHGX18]. **SmartX** [URHK19]. **SmiDCA** [SK18a]. **Smishing** [SK18a]. **SMML** [Dow15]. **Smooth** [LYY⁺18a]. **SMS4** [LYL⁺18]. **SMT** [AGR15]. **SOAs** [QS15]. **Social** [Cao14, DLL⁺13, ECGK16, FMRS17, HY15, Hsu12, HLZ⁺17, HZJS17, KHYC15, KCC15, KKBF12, Lev10b, LBZ19, MP18, NSA15, NRZQ15, PYM⁺15, RKBY15, ST17, SCT18b, SVG⁺15, SMLM14, STBB14, UKW⁺18, WLW⁺18, WCW⁺14, WLY⁺15, XLM⁺14, XZA14, YNP15, ZW15, Zha15, ZHY⁺14, ZL15, ZHL15, TYL⁺18]. **Social-Aware** [SCT18b, WLW⁺18]. **Socially** [CZL⁺18, MK13]. **Societies** [LLV10, SS10a]. **Society** [GG10]. **Socio** [MK11]. **Socio-oriented** [MK11]. **Soclake** [KKBF12]. **SoD** [VN16]. **Soft** [DN16, MSH⁺11, WLI⁺14]. **Soft-Failures** [WLI⁺14]. **Software** [AFG⁺17, AAA19, AO08, Ano17, Bro10, dRFMD⁺17, FSMT19, GHMP18, Ham12, Har10a, JAAA⁺17, KHC15, LWKB15, LMA⁺15, LZL⁺17, LLDL17, Llo13, LCX14, Maj10, MV16, OLF⁺17, PS17, Pyl19, RJS⁺17, RASM17, SKKM15, TKM11, TLRE11, WB16, WM19, YHS⁺17, YWFQ18]. **Software-Defined** [AFG⁺17, Ano17, dRFMD⁺17, GHMP18, JAAA⁺17, LZL⁺17, LLDL17, RJS⁺17, RASM17, WB16]. **Solution** [DHT⁺19, Fra15, HLKL15, KT18]. **Solutions** [KKMG15, PANH10]. **Solve** [OLL15]. **Solvers** [AGR15]. **Solving** [KLS18, NG17, NM19, WJ16]. **SOM** [VBMH10]. **Some** [BCH⁺15, BBP13, LWL10, LCMC11, SV15, Xie11]. **Sort** [WWW16, ZHW19, WW19]. **Sorting** [LHCN11, TKM11, Tah11]. **Source** [BY14, DG13, GRK13, JLS11, MBC15, RH17, RL11, Tah11, WM19, PB12]. **Source-Based** [MBC15]. **Source-Location** [RL11]. **Sources** [JLS11, SMM⁺19]. **SP** [WT12, PW19]. **Space** [Abd15, BBM10, BUB13, BGM⁺11, BWR12, PT13, SZB15, ZLG15]. **Space-Filling** [BWR12]. **Spaces** [BP10, NZ14, SH15]. **Spammer** [WHS⁺16]. **Spanning** [BCC⁺19, BPBRT16, CFJ⁺13, WW17, YC14b, YLC15]. **SPARQL** [ZV15]. **Sparse** [DB13, OVGG14, ZDM⁺15]. **Spatial** [ACW13, CK15, ER14, FGG13, JYL18, LPD13, MCT19, RDMRM12, SDW13,

SCT18b, TST⁺¹¹, VB16, WCL15].
Spatiotemporal [NHC13]. **Special** [Ano17, CQL10, Jay12, Llo13, OLL15, Pek12, RA14, RLJ15, SS10a, Suz13, XZA14, Ano10].
Specific [DAOG14, TEP⁺¹⁶].
Specification [JCSZ13, KW11, RJV13].
Specifications [SLP11, SZL15]. **Spectral** [QYZ19]. **Spectrum** [Alm19, DA18, SJA17, YHGL17, ZJHJ19].
Speed [ASG15, PW12, GIB12, MDSF12].
Speeding [KTTRJ18, Rig14]. **SPEKS** [Che15a]. **Spheres** [SAKOK11]. **Spiking** [WF10]. **Splicing** [YSC⁺¹⁵]. **spline** [RT12].
Splitting [MV19]. **SPMD** [BMG12]. **Spoof** [SP15]. **Sporadic** [wZfG15]. **Sports** [BY14].
Springer [Gaz10, Jas10]. **Squares** [KÖ14, KO15]. **SRN** [YT11]. **SSA** [QO17].
SSD [LJYL13, LGHD15]. **SSD-Based** [LGHD15]. **SST** [yHRT⁺¹²]. **Stability** [ZYWW13]. **Stabilizing** [BPBRT16, DLV10, HJK13, KSA12, LL14, SJ14]. **Stable** [Meg18]. **Stacking** [yZdZhZ18]. **stage** [KT18]. **Standalone** [CAV17]. **Standard** [GJJ15, HZX15, LK18, LDZ16, LLS17, RSD19, SZS14, TCL15, XLC19]. **Standards** [GLBS13]. **Star** [WWW16, WW19]. **Stars** [CYTP18, YLC15]. **Start** [SWG13].
Start-up [SWG13]. **starting** [JJ18]. **State** [Abd15, BVS⁺¹³, CCL⁺¹³, EFY16, EFYS19, HT15, KH18, KLA⁺¹⁵, MMH18, RSW14, Ros14, TV12, VM14, jZ18]. **State-Based** [RSW14, TV12]. **State/Event** [KH18].
Stateful [BVS⁺¹³]. **Stateless** [KLA⁺¹⁵].
Statement [Den12a, Den12b, HXZ12].
Static [IF16, PiLCH11]. **Statically** [Ort11].
Station [LSY⁺¹⁶]. **Stationary** [CTIAP12].
Stations [ISST19]. **Statistical** [CMSML16, FNP12, HGRV15, Hey17, WLI⁺¹⁴].
Statistically [MBRM15]. **Status** [RJS⁺¹⁷].
Steady [VM14]. **Steady-State** [VM14].
Steganalysis [YLL⁺¹²]. **Steganographic** [HHS⁺¹⁵]. **Steganography** [BCG12, HZW⁺¹⁴, Joh10, KTM19, LLY⁺¹², Shi08, TJZF12]. **Stego** [YLL⁺¹²].
Stego-Image [YLL⁺¹²]. **Stemming** [SVG⁺¹⁵]. **Step** [HJS⁺¹³]. **Stochastic** [ASCTFP16, BBM10, DH12b, HTG12, Kon10, NB12, PL16]. **Storage** [BBM17, DCLN11, FEDHL16, HZQ⁺¹⁹, HMM18, Küp15, LPL14, LDLJ15, LGHD15, LBIC14, WS15, XHGX18, ZVH11, ZVG16].
Stores [HXQ⁺¹⁹]. **Storing** [Mer13].
Straight [DDL17]. **Straight-Line** [DDL17]. **Strand** [SH15]. **Strategies** [BFCRH14, Har10a, NdMCdMM16, SM12, SZL15, TJZF12]. **Strategy** [BACD13, DB15, FM11, FYF⁺¹⁸, GTM15, HL15, HFP⁺¹⁹, LFHF14, NRZQ15, YGLW15]. **Stream** [Abd15, DM18, DG12, DJG⁺¹⁵, Hey17, JZ13, LR12, MK11, ZH15]. **Streaming** [AGF15, AAH10, DSBB19, HZWT15, HXLX18, HXLX22, ISH13, LHYW12, LHFF13, TY14, YWDW12]. **Streams** [ALH17, MDSF12, YIUH14, ZFW15].
Stress [GSS14]. **Stretch** [BF19]. **Stride** [PW12, VWR11]. **String** [CHL14, Kha16, KS12, LK14, PW12].
String-Matching [Kha16].
String-to-Dictionary [KS12]. **Strings** [LWC15, Mar10b]. **Stripe** [BÜ11].
Stripe-Based [BÜ11]. **Strong** [GSAS12, PYM⁺¹⁵, WW19]. **Stronger** [ZYY19]. **Strongly** [LK14, YLL⁺¹⁷].
Structural [DD19, KAZ18, LYY^{+18b}, LZN⁺¹⁶, MGZ18, Yas19]. **Structure** [AÇPD11, ECL15, GRK13, JYP⁺¹⁵, KMZ16, LJ15, LLF17, MPP15, Mur10a, SLL15, WJ19, WLC⁺¹⁹, Yan19]. **Structure-** [Yan19]. **Structure-Activity** [GRK13].
Structure-Based [AÇPD11]. **Structured** [YLX⁺¹¹, SMM⁺¹⁹]. **Structures** [CLG⁺¹⁹, FMRS17, LPL15, Lop13, TD12].
Structuring [PGBFW14]. **STT** [RRDC⁺¹⁸]. **STT-RAM** [RRDC⁺¹⁸].
Study [Bla13, DCLN11, FLZC15, GÁVRR16, HK15, LMR18, MK15, MCT19, NZ14, OS18, PXG⁺¹⁷, PRG⁺¹⁰, RDB^{+14a}, RCTK18, RMGT11, SR10, SY15, aSPW⁺¹⁷,

TKB18, WCCL17, WVGP11]. **Subgraph** [DDG⁺15, LCXZ16, ZCX⁺16]. **Subgraphs** [DP16]. **Subgroup** [CCL⁺19, LPP⁺13, VL13]. **Subject** [BY16]. **Subnet** [ZfZ12]. **Subnetworks** [CTIAP12]. **Subsequences** [LWC15]. **Substitution** [KTM19]. **Substructure** [Yan19]. **Substructure-Cuts** [Yan19]. **Subsystem** [HLC10a]. **Subtraction** [HL15]. **Subtrees** [YLW⁺17]. **Subtyping** [DGV17]. **Sufficient** [LJC11]. **Suffix** [FGN⁺18, OR12]. **Suites** [CSS16]. **Sum** [APW11, RASM17]. **Sum-Rate** [RASM17]. **Summaries** [HM13]. **Summarization** [KCC10, SIK14]. **Super** [ED09, ED10, LY10, WZF18]. **Super-Peer-Based** [LY10]. **Super-Resolution** [ED09, ED10]. **Support** [CLL10, FGG13, GAFF⁺14, IJM14, JS15, JAAA⁺17, KCZJ14, LQZ⁺10, MMPB10, PP17, SPRR⁺17, SNG⁺10, VBBR16, WB16, XHC⁺15, Zam19, ZZQ⁺19, dFHP⁺11]. **Supporting** [ET19, LPL14, PSS10, SAPS19, VvdAMG17, Ver17, WXP⁺10]. **Suppression** [KS16]. **Surface** [CQS13, SAKOK11]. **Surfaces** [JHBA17]. **Survey** [Cal11b, GTK⁺19, GBBK11, JHHC15, KL14, LBIC14, LÖ10, Sak10, THP⁺11, THP⁺12, Tim10, VRAC11, WGS17]. **Surveying** [BBK11]. **Surveys** [NPTZ16]. **Survivability** [CCHL18, RMB15]. **Surviving** [YAQ12]. **Suspicious** [FXV13]. **Sustainability** [JG15]. **Sustainable** [LZZ⁺17]. **SVC** [LHYW12, CLL14]. **SVC-Based** [CLL14]. **Swap** [FP18]. **Swarm** [OJSO14, SJ18b, WCL⁺11, WLZ⁺18]. **Swiniarski** [Gaz10]. **Switch** [LGC19]. **Switch-Centric** [LGC19]. **Sybil** [FM11]. **Sybil-resistant** [FM11]. **Symbol** [Con12]. **Symbolic** [LZHS14]. **Symmetric** [BFF⁺15, DTFT11, DTFT12]. **Symmetries** [BFF⁺15]. **Symmetry** [LZHS14, Win11]. **Symposium** [Den12c]. **SYN** [DHT⁺19]. **Synchronization** [HBS⁺19, WHYH12]. **Synchronizations** [HM14]. **Synchronized** [DM18, HB11]. **Synchronous** [YEFVJ15]. **Synopsis** [Lav12]. **Syntax** [XLC19]. **Synthesis** [WLZ⁺15]. **Synthesized** [AAHTH10]. **System** [AAA19, AJ15, ALA19, ALZ⁺17, CGE⁺14, CLL14, CC14, CWRZ18, CZLC14, CLLH13, CMSML16, DJAJ15, DP13, DG15b, ĐG13, EMB19, GJQG14, GHXW16, HXZ⁺16, HYZ17, HHS⁺15, HXZ12, Hua14, HJM12, IK17, ISH13, IDVGMP⁺13, JDAS12, JAAA⁺17, Jas10, JG15, Kap11, KTC⁺11, LP14, LDLJ15, LBZ19, LL11b, LSY⁺16, Lop12, ML13, MGM12, MS14, NNF19, NM19, NSMS14, Nur07, PWY⁺13, Pyl19, RLTZ17, dMRGAS18, SPS⁺18, Sta18, SSS⁺12b, SSK19, TAC⁺18, WLW⁺18, WHP⁺13, YKK18, ZZM17a, jZ18, ZMSM13, ZVG16, LH11, TYL⁺18]. **System-on-Chip** [Jas10, Nur07]. **Systematical** [OLL15]. **Systems** [AC14, Awa13, BL11, BGY11, BL15b, BL16, Bro10, BMG12, CZ19, CFMR14, Cha10b, Che15b, CLL10, Cro10, CWCS14, Dim13, DCLN11, DN16, FM11, Fra11, GB14, HGZ10, HS11, Hsu12, HHCL10, Jar12, JRC⁺10, JK12, JMB12, KAS13, KSH⁺14, KV19, LYY⁺18a, LDK11, LE13, LWDZ16, LSW10, LY10, LWYZ17, LSTC11, LFHF14, LBIC14, Llo13, Lop13, MSH⁺11, MK11, MSWI⁺12, Nil10, NL19, OLF⁺17, PABD10, RTE⁺13, RSW14, RA14, RRCC⁺15, RJV13, RLJ15, RMR15b, SL14, SU18, SF17, SL10a, Sta18, TBBH18, TD12, TKB18, VL13, WYL⁺13, WNNZ17, XHGX18, YGH⁺14, YC19, YIUH14, YDHW18, YHS⁺17, YGLW15, wZfG15]. **TABEMS** [JG15]. **Table** [CCL⁺13, HLC10a]. **Table-Based** [HLC10a]. **Tables** [RMB11]. **Tactical** [SS10b]. **Tactile** [YLSL19]. **Tag** [Hsu12, LBD⁺19, XLM⁺14]. **Tag-Based** [XLM⁺14, Hsu12]. **Tagged** [BBDF11].

Tagging [Hsu12]. **Tags** [Jun12]. **Taiwan** [WCCL17]. **Target** [CZ19, TNWT14]. **Targeting** [AK12, LCMC11]. **Targets** [BEG⁺16]. **Tariff** [JG15]. **Tariff-Aware** [JG15]. **Task** [BHR10, CMKJ10, CK10, GA18, HGZ10, KZY16, LLpC16, MSH⁺11, MEH19, PSS10, PZZ⁺17, PCC⁺16, SU18, SSK12, SZB15, Tim11, wZfG15, ZWC⁺19, RG14]. **Tasks** [GTN10, SAPS19, SHL⁺15, ZJLC16, ZDCZ18]. **Taxonomy** [AJA16, GAF⁺15, KMSM15]. **Taylor** [Joh10]. **TCAM** [ASG15]. **TCP** [DHT⁺19]. **TDMA** [CLSV15, SM16]. **Team** [HSZS17, HSZS18, SS10b]. **Teams** [HLZ⁺17]. **Technical** [CGVP15]. **Technique** [BBM17, FEDHL16, KH10, SK18b, SJ18b, VGF11]. **Techniques** [ABG⁺12, AK12, CWRZ18, DN16, ISST19, OKT⁺16, PKM18, RCS16, SU18, Shi08, SKKM15, VO16, WGS17, Joh10]. **Technologies** [BT18, CvdT10, ET19, JSP13, KJR15, KHC14, Rog11]. **Technology** [Ano10, Uli11, BS10b, WLWL18]. **Telecom** [IK17]. **Telemetry** [KTC⁺11]. **Template** [NGAuHQ16, YYK⁺17]. **Templates** [SLZ14]. **Temporal** [CWWK14, KH18, VB16]. **Tenant** [TV15]. **Tensor** [MPP15]. **Term** [KTA12, LLZY15]. **Term-Partitioned** [KTA12]. **Terminal** [HM13]. **Terminals** [GTM15]. **Terminating** [BCKM17]. **Ternary** [VBVP14]. **Tessellations** [DKB⁺14]. **Test** [AGR15, CHH⁺19, CSS16, EFY16, EFYS19, FSMT19, HTC⁺15, ISD15, LLSW16, MZHY15, NL19, SP10, Sin12]. **Testable** [RMP10]. **Testbed** [RHG⁺11]. **Testing** [AO08, DH12a, DH14, Hie13, HT16, Hie16, HT17, PS15, RH17, SZL15, aSPW⁺17, TAC⁺18, YHS⁺17, Maj10]. **Tests** [PABD10]. **Text** [DLL⁺13, FNP12, GdM16, K VX12, KCC10, LZL⁺19, SPS⁺18]. **Text-Augmented** [DLL⁺13]. **Text-dependent** [GdM16]. **Texts** [PRJS11]. **Textual** [NC16, SHH⁺15]. **Texture** [FET17, KYU11, LL11b, MPP15]. **TFRC** [SWG13]. **Their** [BBK11, CL17, VM14, ZYY19, CGVP15, JHHC15, JJ18]. **Theorem** [BBP13, MEdJMGE⁺19]. **Theorems** [KMNA⁺16]. **Theoretic** [Meg18, TNWT14]. **Theories** [Roc12]. **Theory** [Ana10, HY11, HHCL10, JRC⁺10, Lev10a, SH10, SKK18, SKS19, TKB11, RM08]. **Theory-Based** [SKK18, SKS19]. **Thermal** [ADML⁺13, yHRT⁺12, XZY⁺10]. **Thermal-Aware** [XZY⁺10]. **Thickness** [DDL17]. **Thin** [Chi16]. **Things** [MDB⁺18, NNF19, PZ18, SSK19]. **Think** [NH19]. **Thinking** [Aho12]. **Thinning** [Cai12]. **Threading** [OR12, YLLS16]. **Threats** [AJA16]. **Three** [ADML⁺13, GB15, ZH19]. **Three-Connectivity** [ZH19]. **Three-Dimensional** [ADML⁺13]. **Three-Tier** [GB15]. **Threshold** [DD10a, GWW⁺13, LWL10, LYY⁺16, WLH15b, YLA⁺13]. **Throughput** [BBM17, MPSP17, SPdGPM18, ZJHJ17]. **Ticket** [CC14]. **Ticket-Sale** [CC14]. **Tide** [NHMI13]. **Tie** [CLS15]. **Tie-Breaking** [CLS15]. **Tier** [GB15, RAKJ17]. **Ties** [PYM⁺15]. **Tight** [GDCC16, LLH18, ZYH⁺19]. **Tighter** [GMS11]. **Tightly** [HLLG18]. **Time** [Abd15, ALH17, AFKT12, Alm19, ARR⁺16, BBM10, BBDF11, BJY11, BUB13, CDYC11, CAV17, DJAJ15, DB15, DLV10, EKOS19, FXV13, GF13, Har10b, HJK13, IMS10, IF16, IDVGMP⁺13, JBM⁺19, JMB12, KNHK12, KAAE11, KW11, MSH⁺11, NSRP15, NHMI13, NH19, NL19, OKT⁺16, SCKH18, SZB15, WGL⁺18, Whi12a, WXP⁺10, YGH⁺14, ZC10, ZCL⁺12, wZfG15, ZHL⁺17, ZH14, FGS15, GJQG14, GIB12]. **Time-Aware** [DJAJ15, NSRP15]. **Time-Based** [IDVGMP⁺13].

Time-Branching [GF13].
Time-Dependent [DB15, ZHL⁺17].
Time-Related [ZH14]. **Time-Series** [EKOS19, KNHK12, NHMI13, SCKH18].
Timed [Tan15]. **Timed-Ephemerizer** [Tan15]. **Times** [DTFT11, DTFT12, ZHL⁺17, JJ18, WLWL18]. **Timing** [CK10, GB14]. **tisements** [NK19]. **Token** [ZM16]. **Token-Leakage** [ZM16].
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Topology [BHAC10, JC10, KNHK12, LW13, YZLC15, YDE11]. **Total** [ABS13, MMAY19, WXLL18]. **Touch** [YLSL19]. **Touchscreen** [YLSL19]. **TPR** [NHC13]. **Trace** [BMG12, PiLCH11, WJ16].
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Traceback [FEDHL16]. **Traces** [ASCTFP16]. **Tracing** [LW16, PBH⁺13, WHP⁺13]. **Track** [XYL⁺11]. **Tracking** [KTC⁺11, LTL10, WL13, WSR11].
Tractable [QLZ18]. **Trade** [DDL17, JLS11]. **Trade-Offs** [DDL17, JLS11]. **Tradeoffs** [MPH14].
Trading [CZLY19]. **Traffic** [ASCTFP16, CLSV15, FGS15, GIP⁺12a, GIP⁺12b, HM16, KKP14, OB18, RLVRGÁ15, SAPS19, XHTH13, ZYWW13, ZH14]. **Training** [BMRS11, KNHK12]. **Traitor** [LW16].
Trajectory [LZHS14]. **Transactional** [LM17]. **Transactions** [DG15b, TV15].
Transducer [KK18]. **Transductive** [KLL14]. **Transfer** [GRK13, HSMY14, HLC10b]. **transferable** [GZXA19]. **Transform** [BCPV11, KTM19, NS16, TS17].
Transformation [Kha16, VM14].
Transformations [BPFK19, QO17, RCS16].
Transformed [MZW⁺18]. **Transient** [AKL⁺19, CTIAP12, LJA13]. **Transit** [CCUA14]. **Translation** [EFY16, TA16b].
Transmission [Alm19, CCUA14, GIB12, RMP⁺16, SGG⁺13, TB11, YWSH10].
Transmit [ZJHJ17, ZJHJ19].
Transparency [TJZF12].
Transparency-Orientated [TJZF12].
Transport [CLLL17]. **Transportation** [Alh19, BDL⁺13, LE13, WLW⁺18].
Trapdoor [CCL⁺19, CBJX19, HHL10].
Traveling [KAAE11]. **Tree** [BPBRT16, EDH⁺18, Kuo10, LV17, MCT19, Tah11, WCW⁺18, Yil12, NHC13]. **Trees** [CFJ⁺13, FGN⁺18, Kor11, Lev10a, LYC11, LHL16, MMH18, Meg18, SSS16, TRY16, WW17, WCW10, WCCL13, YC14b, YLC15, YTV16, RM08, XZLL18]. **Trench** [NHMI13].
Trend [WM19]. **Trends** [ZYR⁺13]. **Tri** [WWHL12]. **Tri-view** [WWHL12].
Triangles [ST17]. **Triangulations** [BCH⁺15]. **Trie** [EB12, ECL15]. **Trigger** [KR14]. **Triggers** [ZYF17]. **Trip** [SCT18a].
Trojan [Sta18]. **Tropical** [KTC⁺11]. **True** [YDHW18]. **True-Concurrency** [YDHW18]. **Truly** [Erg11]. **Trust** [BL16, FMRS17, KMSM15, MDS15, MK19, NB17, PYM⁺15, RHH12, TV15, WLY⁺15, YGLW15, Zha15]. **Trust-Aware** [YGLW15].
Trust-Based [MK19]. **Trusted** [FPY15, YCR16, XZLW15]. **TS** [TL19].
Tuning [TLRE11, TB10]. **Turing** [Lav12, For12]. **Turkish** [KCC10]. **Turning** [GF13, Har10b]. **Turtle** [WZCC18].
Tutorial [CFMR14]. **TWINE** [LYD⁺18].
TWINE-128 [LYD⁺18]. **Twitter** [Alh19, GST15, SIK14, WGS17]. **Two** [BY14, DP16, DGFGHZ13, HJS⁺13, JYL18, Koç10, NSMS14, SV15, SAK16, SZB19,

ZM16, ZH19, ZL19, KT18]. **Two-Party** [NSMS14, ZM16]. **two-stage** [KT18]. **Two-Step** [HJS⁺13]. **Two-Way** [JYL18]. **TWS** [OKG⁺12]. **Type** [DTFT11, DTFT12, HWS⁺19, LM17, Ort11, QO17, SH15]. **Type-Flaw** [SH15]. **Typed** [Ort11, QO17]. **Types** [ALH17]. **Typicality** [mAYL10].

U [VBBR16]. **U-Library** [VBBR16]. **Ubiquitous** [JAAA⁺17, OS16, PSP14, RiCH10, SL10a, VBBR16]. **UK** [Ano10, GTK⁺19, Jar11, OS18]. **Ultra** [LZL⁺17]. **Ultrametric** [Mur10b]. **uMax** [NM19]. **UML** [ML13]. **Unattended** [BN14]. **Uncertainty** [Buz12, GSS14, Tim11]. **Unconditional** [Jia14]. **Uncovering** [Mur10a]. **Understand** [HY15]. **Understanding** [Sab11, VKZ⁺10]. **Underwater** [LCLL12, SM16]. **Undisturbed** [YCL17]. **Unicyclic** [TRY16]. **Unified** [HY11]. **Uniform** [GF17, PZ19, RHH12]. **Unit** [LR12, PXG⁺17]. **Unitable** [CCCS11]. **Units** [BY14, HS19, NdMcMMM16]. **Univariate** [Yil12]. **Universal** [LK14, WF10]. **Universe** [LW16]. **University** [Maj10]. **Unknown** [CLRJ14, GSAS12, Sin12]. **Unranking** [WCCL13]. **Unreliable** [dMRGAS18]. **Unsupervised** [CZ19, JBM⁺19]. **Untangling** [LYC11]. **Updatable** [LLPY19]. **Update** [GdJ13, WCW⁺18]. **Updated** [Cal11b]. **Updates** [HXQ⁺19, LM17, MH11]. **Upward** [BD16, RH17]. **Urgent** [CCF11]. **urgMAC** [OB18]. **US/UK** [Ano10]. **Usage** [AHH13, HYZ17]. **Use** [AGR15, HY15, JG15, JLS11, PS17, SHH⁺15, VO16]. **Use-Cases** [SHH⁺15]. **Usefulness** [KBN10]. **User** [CMY17, GdM16, HCZ⁺19, HK13, HXLX18, HZJS17, HuRH⁺15, KHYC15, MZHY15, MBC15, PRG⁺10, SCKH18, Swa11, WLI⁺14, XTH11, XLM⁺14, OKG⁺12, HXLX22].

User-Based [HuRH⁺15]. **User-Experience-Oriented** [HXLX18, HXLX22]. **Users** [IDVGMP⁺13, NK14, OKT⁺16]. **Using** [AJ17, ATA19, BT18, BY14, BY16, BCPV11, BP10, BMG12, CW11, Cha11, CMKJ10, CHDP17, CCL⁺13, CAV17, CRGM14, Das17, DBHC15, DBC18, DD19, FAFD15, FET17, FLCT10, FMRS17, GSS14, GTS⁺11, GK16, HM16, HNAS18, HHS⁺15, HJL16, ISST19, IS13, ISD15, IJM14, IL15, JDAZN16, JBM⁺19, JHBA17, JC10, KTM19, KYU11, KAAE11, KÖ14, KO15, KTTRJ10, KH10, KCZJ14, KS16, LR10, LLZY15, LWYZ17, MDY15, MBC15, Mar10b, MDS15, MK11, MK13, MGBD15, MK19, MKL18, NGAuHQ16, NSMS14, NLDH11, OKT⁺16, PT13, PZ19, PRG⁺10, PP17, QZXR15, RDB14b, RJ18, SBV19, SZW⁺18, SHL⁺15, TKM11, Tah11, TB10, TS17, TA16b, TEP⁺16, VBVP14, WSY19, WLZ⁺18, YCL15, YTV16, YCL17, ZH15, ZC10, ZYR⁺13, ZFZ12, ABG⁺12, AAHTH10, AÇPD11, BBM17, CC19, ET19, GHMP18, GA18, HZAZ18]. **using** [IK17, KOA15, LZL⁺19, PHM⁺12, PG11, SRD⁺12, SK18b, SKS19, TPV18, Yil12, ZH14]. **Utility** [Tam18, TL19, UKW⁺18]. **Utility-Based** [TL19, UKW⁺18]. **Utilization** [HWXD14, NL19, SA11, TPV18]. **Utilization-Based** [NL19].

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Weaker [YLL⁺¹⁷]. **Weakest** [YWY10].
Weakness [LLS17]. **Wearable** [BY16, CAV17]. **web** [KAZ18, AJ17, AHH13, BDC11, CDYC11, DG15a, Elg15, FLZC15, GSS14, QF19, SBBB12, SSY15, SP15, TU17, WXP⁺¹⁰, WHSW15, YZJH12, ZGC16]. **Web-Based** [BDC11]. **Web-Orchestrations** [GSS14].
Websites [EA17]. **Weierstrass** [LL11a].
Weight [BS16, YWFQ18]. **Weighted** [KMNA⁺¹⁶, QLZ18, THY⁺¹⁸, WHYH12, YLL⁺¹², ZDM⁺¹⁵, ZSJ10]. **Weil** [HH14].
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