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Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

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Title word cross-reference

$(4n - 9)/3$ [YYN10]. 0 [ESAA18, Hu18]. 1 [ESAA18, Hu18, SCK15]. 2 [ABMOK10, ABMM+12, SNMSA10, SG17, SCK15, WW05]. 3 [ABN+06, CG12, EMSY12, EPR06, VPS14, WL06]. g [YHL+20, ZM21a]. K [LC19, WLX21, BBFN10, FY20, FMD+22, Khe16, ZWMR20]. n [FY20, ZWMR20]. P [IJT+21, SWW21, WLX21, SO18]. st [CT08]. t [ERA07].

-adic [SO18]. **-ary** [FY20, ZWMR20]. **-based** [BE21]. **-cubes** [FY20, ZWMR20]. **-D** [WW05]. **-diagnosable** [ERA07]. **-dimensional** [SG17]. **-exclusion** [BBFN10]. **-extra** [ZM21a]. **-good-neighbour** [YHL+20]. **-means** [LC19, WLX21]. **-nearest** [Khe16]. **-order** [CT08].

1 [RCSQ09].

2 [BM07, WQZZ20]. **2008** [DS09]. **25th** [Sto10].

6D [SB22].

802.11 [MBB10, SCCrL06, SK14].

abortion [LG20]. **academic** [AKT21]. **Accelerating** [FFHK19, FA08, MUIN13, UIN14]. **acceleration** [OMKN17, TNTI16]. **accelerator** [ESAA18, SEM14]. **access** [AWGW08, BB09a, CL06, EMERF15, MUIN13, YHY05]. **accesses** [ST11]. **Accuracy** [RCSQ09, Aba19, DSI11, GST07]. **Accurately** [HSL10]. **achieving** [BWHR07]. **acoustic** [HBB+17]. **across** [Khe16, RGS06]. **activation** [DBD11, SK18a]. **active** [PB13]. **actor** [AGB10, DTY21]. **actual** [OCV15]. **actuators** [Vol17]. **Ad** [MB10, AAH08, BBFN10, Che07, DW05, DB08, HHA21, IS14, MBB10, NJ19, RGS06, SCCrL06, SK14, SS18, SKZ12, WCW11, YHY05, XM10]. **adaptation** [KN15, MRA+06, Suz05]. **Adaptive** [dSOK17, BH11, BMPV14, CdO16, Ila12, MMK21, OGD11, WLWL12, WWLW18]. **addresses** [TLL21]. **adic** [SO18]. **adjustment** [TSK21]. **administration** [HR21]. **advance** [SCPB09]. **Advanced** [DA16, SSHM17]. **advances** [Cho08, FNB11, VS18b]. **advertising** [PRMF17]. **affected** [CB10]. **against** [YM15, ZYM17]. **agent** [FCL+11, Jon16, JMA17, KX05, TP11]. **agents** [BGLB21, CL06, CCLT08, Kuz18]. **Aggregation** [ZSL22, OJ10, ZPW10]. **aging** [PGL16]. **AGWMS** [CCLT08]. **AI** [SSHM17]. **Algorithm** [TLL21, ADL16a, ADL16b, AAAA16, BCJ06, BBFN10, BS17, CSNB11, CT08, CG12, DA09, DB08, EMSY12, EDN05, ERA07, GACdM16, GKB11, GSSR17, HL16, HRF10, Hu18, IA11, JZZ11, KK18, KLMW10, Khe16, Kon18, KKK21, LL18, LLWZ20, LC19, LLW06, MBCB18, Mah11, Mic19, NDP12, SPBD05, SS18, SK18b, SR12, SPD21, SMOK06, VSB07, WWLW18, WJZK20, WLX21, XFCH08, XCW13, XZL+20, YYN10, MJAT21]. **Algorithmic** [LR06, DP09, GG11, GWJ09, ZBHOHQ19]. **algorithms** [BGLB21, CSA14, DTY21, EFBAY18, EMERF15, Fer06, JJZ12, KG20, LS19, Li10a, Li10b, LCG18, LZ07, MS16, RCS19, SD07, YHT18, ZYLH09, Zha20]. **alike** [KF07]. **all-optical** [DBBC19]. **allocation** [ABMOK10, ABMM+12, DA09, LG20]. **along** [LT15]. **Altix** [Fat10]. **ambient** [HBB+17]. **ambiguity** [SG17]. **amoeba** [WWLW18]. **among** [RG10, YW11]. **analysing** [BRW+15]. **analysis** [Aba15, ACY05, BMT19, BH17, BMPV14, CML10, CFK17, CSAdS15, EdM16, ERA07, GR07, HYJ16, LZ05, LZL20, SSHM17, SSS+17, SKP13, SD07, WJZK20]. **analytic** [OMKN17]. **Analytical** [GS11, LL08, GSSR17]. **analytics** [ACV19]. **Analyzing** [GSSR17]. **ANN** [BE21]. **Announcement** [Ano15a]. **anomaly** [CSAdS15]. **ant** [AP18, LL18, UIN14]. **antennas** [LZ05]. **anticipation** [MJGA17]. **anycast** [JTZX05]. **Apicalis** [MBCB18]. **Application** [EdM16, Fat10, GG11, HSSS09, JWWZ16, Mon07]. **Applications** [Jon16, YR11, AZS17, AK18, CWT14, Kon18, LL08, LZG+20, OGD11, PK07, SK15, SHSS09, SO18, Suz05, YW11, Yam22, Zha18, dMDBS09]. **Applied** [RH07, MB10]. **applying** [LL18]. **approach** [AIN13, AAK16, AOKK08, BGLB21, BH17, DEBF20, DWZ20, ECL+14, ER14, FHC21, GR07, HAC21, JS20, JWZL13, KBAO19, KKKK18, LL18, LHIN09, MM15, NNRS15, PB13, PGL16, RSR15, SS13, SMOK06, SSS18, TAMM15, TP11, VBA12, WJH20, WS13, YS09, dAGG+19]. **approaches** [Che07, DNPT12]. **Approaching** [LX08]. **appropriate** [LC15]. **approximate** [Nak14a]. **Approximation** [LCG18, GACdM16]. **approximations** [RCSQ09]. **aquifer** [CS16]. **architect** [Raw20]. **architecture** [ABN+06, ABF15, AGK+19, CTS+11, FBC+15, GB08, HLY11, JEH09, KK17, WBP16]. **Architectures**

[AZS17, AR14, BMPV14, GPZ08, HYJ16, LR06, RS21, SRTE09, TJKY10, ZSL22, Zho06]. **area** [BS17, DMN21, SSZC18, WQZZ20]. **arithmetic** [BP09]. **arrangement** [WM20]. **array** [IJT+21, SY07]. **arrays** [Gor06, PGFA17]. **art** [TNTI16, Gor06]. **artificial** [BE21, DSI11, PGFA17]. **ary** [FY20, ZWMR20]. **ASIC** [CFZ+10]. **ASM** [BPV18]. **ASM-based** [BPV18]. **aspects** [GSSR17, Nos18, Yu15]. **Assamese** [SS13]. **Assessing** [CVFC19, DNPT12]. **Assessment** [Fat10]. **assignment** [CSNB11, Li10b, TV20]. **assignments** [Kim16]. **assist** [SSZC18]. **assisted** [CMM17, PGFA17]. **associative** [SO17, TAO17]. **astroinformatic** [KZS17]. **asymmetric** [SPBD05]. **Asynchronous** [ZSYG18, Sk22]. **attacks** [HHA21, YM15]. **attenuation** [HBB+17]. **attractor** [SSZC18]. **attractors** [KKK+18]. **attributes** [ZYW20]. **attributive** [KA12]. **auctions** [KA12]. **augmented** [ACL13, WB15]. **Australian** [AP12]. **authentication** [BMM12]. **automata** [AIHA05, CCO19, CS16, CVFC19, DEBF20, KBAO19, Mar18, TLO19, Wac19]. **Automatic** [Yam21a, AMuHK15, EdM16, KZS17, WLL20, Yam21b, Yam22]. **automaton** [AS16, CSA14, DH20, KF07, Kuz18, Mar17]. **automaton-based** [CSA14]. **autonomic** [Suz05]. **Autonomous** [AGB10, BS17]. **availabilities** [LT15]. **availability** [SS18]. **available** [SCCrL06]. **Average** [SK14, CB10]. **avoid** [CFZ+10]. **aware** [HR21, LK08, RGS06, RS21, SS12, TBMB18, TV20]. **awareness** [AXM+15].

backbone [AKT21]. **bacterial** [BGLB21]. **balancing** [LGW13, XCW13]. **band** [HBB+17]. **bandit** [KT17]. **bandwidth** [JZZ11, LK08, SCCrL06]. **bandwidth-efficient** [LK08]. **based** [ADL16a, ADL16b, Aga11, AA21, AAAA16, AGM13, AXM+15, BPS+11, BE21, BBFN10, BPV18, BMM12, CL06, CWT14, CG12, CTS+11, CSA14, CSAdS15, DA09, DMN21, DSP20, DD11, EMSY12, EN16, EG18, FVCD05, FK17, GACdM16, GR07, GBMB19, Guo06, HB14, HYJ16, HAC21, HLZ+12, IS14, JTZX05, KMS10, KKK21, KK17, Kuz18, LG21, LS13, LLZX20, LLWZ20, LW21, LMS16, LC19, LZL20, MM15, MPSHH08, NGA13, NZCX21, PL19, RG10, SNMSA10, SHB17, SCJM14, SCCrL06, Sha06, SK18b, SA19, Sk22, SWW21, TLO19, TZG16, TSK21, TLL21, VRV12, VBA12, WJH20, WCY15, WWLW18, WLL20, WJZK20, WQZZ20, WS13, WM09, WM13, XM18, XFCH08, XYC+15, XZL+20, YHT18, YS09, YW11, YM15, YHY05, ZP21, ZKG17, ZSYG18, ZYW20, ZPW10, ZYM17, dSOK17]. **basis** [CG12]. **batch** [DNPT12]. **Bayesian** [HGBP19]. **BDI** [CCLT08]. **BE** [DHRCB10]. **beacon** [Miš07]. **behavior** [Mon07]. **behaviour** [HHY13, JJZ12, MJGA17, SHB17, SK18b, ZBHOHQ19, dMDBS09]. **behavioural** [VBZV21]. **behaviours** [Dis09, NZCX21]. **benchmarks** [Fat10]. **benefits** [AA22]. **Benes** [LZ07]. **Best** [MW08, Xia08, TJKY10]. **better** [JJZ12, LG20]. **between** [EFF+19, EFBPMMOA12, KHUC20]. **beyond** [NA07]. **biased** [GBMB19]. **Bibliometric** [LZL20]. **big** [Aba15, BTK19, FNRV15, KZS17, LZL20, LLCZ16, TSR20, TAMM15, WWKK15, BMT19, TV19, Yu15, dAGG+19]. **bigraphical** [SHB17]. **binarily** [Li05]. **binary** [AR14, AIHA05, EdM16, ESAA18]. **binocular** [EPR06]. **bio** [AKA+20]. **bio-inspired** [AKA+20]. **Biocomm** [BB09a]. **Biocomputing** [BH17]. **Bioinspired** [BS17]. **biointerfaces** [AZS17]. **biological** [CLM+17]. **Biologically** [Suz05, Wal08]. **Biologically-inspired** [Suz05]. **biology** [BGLB21]. **biomedical**

[BB09a]. **Biomorphs** [AS18]. **biosensing** [AZS17]. **biosensor** [SAN+17]. **Biosensors** [Vol17]. **bit** [ADL16a, ADL16b]. **bit-vector** [ADL16a, ADL16b]. **black** [KN15]. **black-box** [KN15]. **blockchain** [JW22]. **blockchain-powered** [JW22]. **Blocking** [KHUC20, HSL10]. **blocks** [WW05]. **Blood** [JWWZ16]. **Bluetooth** [JJZ12]. **Board** [Ano13, Ano14, Ano15b, Ano16]. **Book** [Mot06]. **Boolean** [Bul09, Bul16, DEBF20, FK17, Pan18]. **Bounded** [EFBPMMOA12, ZBHOHQ19]. **bounds** [Che06]. **box** [KN15]. **boxes** [KG20]. **brain** [EMSY12]. **Brief** [MSTMCVL20, uDZD16]. **broadcast** [Che06, LS19, RG10, SOKM05, ZSYG18]. **broadcast-based** [ZSYG18]. **Broadcasting** [SKZ12, FVCD05]. **browsing** [PRMF17]. **Bruijn** [CSNB11]. **Brusselator** [Suz07]. **BSP** [GG11, Mar09]. **BSP2OMP** [Mar09]. **buffer** [SMOK06]. **buffered** [VRVG11]. **buffers** [AOKK08]. **Building** [CLM+17]. **buildings** [NZCX21]. **built** [Pan18]. **burnt** [CHJ+14, CKOX16, DSM21]. **bus** [SY07]. **business** [Iha08]. **Byzantine** [ABS21, KLMW10, Zha16]. **Byzantine-fault-tolerant** [KLMW10]. **Byzantine-tolerant** [ABS21].

C [BB09b]. **cable** [CR13]. **caches** [ST11]. **caching** [CZXC06]. **Caledonia** [MAG+19]. **call** [TP11]. **call-centre** [TP11]. **cameras** [RP07]. **can** [Mar22, SSZC18]. **cancellation** [WB15]. **canonical** [HRR+14]. **capillarity** [Nos18]. **capture** [Dis09]. **cardiovascular** [LZL20]. **Carlo** [HRR+14, WWLW18]. **carpool** [DWZ20]. **Cartesian** [QTCM20]. **case** [SAN+17, WvTB+07]. **cases** [FBC+15]. **cash** [SRTE09]. **catalysis** [Wal10]. **catastrophe** [DHRCB10]. **Cauchy** [LLWZ20]. **causal** [HRF10, OT17]. **Cayley** [XZY20]. **Celebration** [Sto10]. **Cell** [DHRCB10]. **Cell/BE** [DHRCB10]. **cells** [IP08]. **Cellular** [CS16, CSA14, KBAO19, AS16, AIHA05, CCO19, CVFC19, DSP20, DH20, DEBF20, KF07, Kuz18, Mar17, Mar18, MOZH20, TLO19, Wac19]. **cellular-automaton-alike** [KF07]. **center** [ZM21c]. **centralised** [SR12]. **centre** [TP11]. **centric** [HSSS09]. **century** [WA20]. **CFD** [WvTB+07]. **challenge** [SBC+05]. **challenges** [CLM+17]. **change** [HB14, KBAO19]. **changes** [ABMM+12]. **channel** [CYG22, LZ05]. **channels** [HRF10, HBB+17, Li10a]. **Chaos** [MTSA10, PSVK20]. **Chaos-enhanced** [PSVK20]. **chaotic** [HHY13, MBCB18, SB22, VSPK18]. **character** [TNTI16]. **characterisation** [BPV18]. **characteristics** [BKWA21, Ben07]. **charger** [JCL21]. **charging** [JWZL13, MCYG13]. **checkpointing** [WM09, WM13, dSOK17]. **checkpoints** [WM09, WM13]. **chemical** [KHUC20]. **chemistry** [SO17]. **chemotaxis** [GBMB19]. **chemotaxis-based** [GBMB19]. **Cheng** [Ano17]. **Chinese** [LZL20]. **chip** [RNMQ12, SNMSA10, TJKY10, VPS14, XM18]. **chip-multiprocessor** [RNMQ12]. **Choice** [AKT21, PSVK20]. **chromatin** [CEF+22]. **Chua** [KKK+18]. **CICQ** [LLW06]. **circuit** [KKK+18, SO19, TAO17]. **circuits** [WFK18]. **cities** [DWZ20]. **city** [HR21]. **clairvoyant** [SD07]. **clans** [ZSL22]. **Class** [VRV12, GS11, GSKD21]. **Class-based** [VRV12]. **classical** [SBC+05, SBC+06]. **classification** [KZS17, SSS+17]. **classifier** [Bul09]. **clients** [TLL21]. **climate** [KBAO19]. **clock** [MJGA17]. **Cloud** [AA21, AAK16, AGK+19, AP18, ECL+14, LZWD15, Raw20, uDZD16, RMK+19, SHB17, Sin17, WJH20, XYC+15, dAGG+19]. **Cloud-based** [AA21, SHB17]. **cloud-hosted** [uDZD16]. **Clouds** [TV19, ACV19]. **Cluster** [LLZX20, MPSHH08, AKE13, Fat10, Miš07, SRG+11, ZMX+13]. **Cluster-based**

[LLZX20, MPSHH08]. **clustered** [WL06, ZW08]. **clusterheads** [ZW08]. **clustering** [BTK19, ZPW10]. **clusters** [LZG+20]. **cluttered** [DMN21]. **CMOS** [WFK18]. **CMOS/memristor** [WFK18]. **CNN** [DD11]. **CNN-based** [DD11]. **co** [BB09a, YWGH13]. **co-design** [BB09a]. **co-scheduling** [YWGH13]. **coastal** [CS16]. **code** [AR14, Fer06]. **codes** [BP09, EdM16]. **Coding** [ZBHOHQ19, SKP13]. **Coding-theorem** [ZBHOHQ19]. **coevolutionary** [Wal09]. **coexistence** [KK17]. **cognition** [Luk18, Wal08]. **cognitive** [KT17, Wal10]. **coherence** [LYH+20, ST11]. **Cohort** [KK18, SK18b, KKKK18]. **collaboration** [TAMM15]. **collective** [HSL10]. **Collision** [NGA13]. **Collision-based** [NGA13]. **colony** [AP18, LL18, UIN14]. **coloring** [LL18]. **coloured** [ZSP22]. **combinatorial** [Sto06]. **combined** [LLW06]. **combining** [SHSS09]. **comfort** [WvTB+07]. **Communication** [Zha20, ABMM+12, BKWA21, BB09b, CR13, DA09, EFBPMMOA12, Fer06, HRF10, HSL10, HBB+17, KHUC20, LG21, Li10a, MRA+06, Nas10, QK20, SOKM05, WCC05, dMDBS09]. **Communication-efficient** [Zha20]. **communications** [VPS14, MMT+15]. **communities** [BF06]. **compared** [Cor21]. **Comparison** [MMK21, Aga11, EN16, PdP18, RW20, SEM14, YYD11, ZWMR20]. **comparison-based** [EN16]. **compensators** [GSSR17]. **Compiler** [Mar09]. **complete** [SZG+20]. **complex** [Ila12]. **complexity** [CVFC19, IP08, LFL19, CDF+07]. **Component** [XZY20, FCL+11, VBZV21]. **component-level** [FCL+11]. **components** [BB09b, CLM+17, KKKK18, PB13]. **composer** [AIHA05]. **composition** [GG11]. **Comprehensive** [Aba15]. **compression** [AAAA16, Sha06]. **compression-based** [AAAA16]. **computation** [Akl14, Ben07, Bul16, Bur21, LLCZ16, MUIN13, NA06, NA07, Oga17, SK14, SBC+05, SBC+06]. **Computational** [WvTB+07, CDF+07, Akl20a, BMPV14, CEF+22, Cor21, DCL17, DSI11, FNB11, SS13]. **computations** [BM07, Guo06]. **compute** [IA11]. **Computer** [Sha20, Höl20, JWWZ16, Nan20, Sie20]. **computers** [HL16, Yam20, ZZ22, CDF+07]. **Computing** [DS09, IP08, LDB+14, NA12, Saf18, ADOKM10, AAH08, AK18, Chi09, ECL+14, FCL+11, GJB15, GWJ09, Höl20, Jon16, Khe16, Kon18, Li10c, LC15, LX08, MTW12, MSTMCVL20, MMS+17, MTSA10, NA07, NGA13, OA17, PL19, PK07, QK20, RH07, SJ17, Sch18, SHSS09, Sin17, SBC+05, TV20, WA20, Wat20, Xu06, XYC+15, YS09, Zha18, Zha21]. **Concentric** [WCW13]. **Concurrent** [BCL09, SCK15, YWGH13]. **Conditional** [YYD11, CHJ+14, YZ13, YHL+20]. **conditions** [GBMB19, SK18a]. **Conference** [Xia08]. **configurable** [BF06, JEH09]. **configuring** [FCL+11]. **conjugate** [LR06, SEM14]. **connected** [ABMM+12, IA11, LS13]. **connectivities** [DSM21]. **connectivity** [DYZ09, GHMSR12, HH13, LHL+20, QTCM20, XZY20, ZM21a, ZM21b, ZM21c]. **consensus** [LAA13, NOdORA20, ZS18]. **conservation** [DA16]. **Conserving** [DA16]. **Consistency** [CZXC06, Guo06, HLY11, LT15, RGS06]. **consolidation** [AP18]. **Constrained** [KKKK18]. **constraint** [CTS+11, WJZK20]. **constraints** [Che07, FVCD05, SMOK06]. **construction** [GKST10]. **consumption** [GHMSR12]. **contact** [LG21]. **containers** [NOdORA20]. **contents** [Raw20]. **Context** [MRA+06, DA09, HR21]. **context-aware** [HR21]. **contextual** [IJT+21]. **contiguous** [ABMOK10]. **control** [ACY05, BB09a, BP09, Bul20, CL06, CCO19, EFBPMMOA12, FBC+15, JTZX05,

SB22, SCJM14, TJKY10, YHY05]. **controllability** [DEBF20]. **controllable** [YHY05]. **conundrum** [Wal09]. **Conventional** [Sch17, NA07]. **cooperation** [PWL09, WCL14]. **Cooperative** [AAH08, CZXC06, CWT12, CWT14, WW17]. **core** [AIN13, BMPV14, CIM+09, Mic19, SEM14]. **cores** [KN15]. **correction** [CWT14]. **correlation** [EFF+19]. **Corrigendum** [Ano18a, Ano18b, Ano18c]. **COSMOS** [BRW+15]. **Cost** [ECL+14, BE21, DBBC19, RSR15, WWKK15]. **cost-efficient** [WWKK15]. **Cost-oriented** [ECL+14]. **count** [CTS+11]. **Counting** [RP07]. **coupled** [MJGA17]. **coverage** [CH14, DP09, LZS+10, MOZH20, NDP12]. **CPS** [GG11]. **CPU** [WFK18, YW11]. **CPU-** [YW11]. **crab** [NGA13]. **crash** [CB10]. **crash-affected** [CB10]. **Cray** [Fat10]. **creation** [SRG+11]. **criteria** [SR13]. **criterion** [SJ06]. **Cross** [GSKD21, BB09a, XM18]. **cross-layer** [BB09a, XM18]. **Cross-project** [GSKD21]. **crosspoint** [LLW06]. **cruncher** [BCL09]. **cryptographic** [CFZ+10, KG20]. **cryptography** [YR11]. **cryptology** [DSP20]. **CT** [Gor06]. **cube** [JW06, YYN10]. **cubes** [ACL13, FY20, YZ13, ZWMR20]. **cubic** [SZG+20]. **cuckoo** [GSSR17, LLZX20]. **CUDA** [AMuHK15, AAAA16]. **CUDA-based** [AAAA16]. **cultures** [CLM+17]. **current** [RNMQ12]. **customisable** [WBP16]. **cut** [WS13]. **CVE** [HLY11]. **cyber** [Guo14, JWZL13, WCL14, XYC+15]. **cyber-physical** [Guo14, JWZL13, WCL14]. **Cyclic** [QTCM20, ZM21c].

D [SNMSA10, ABMOK10, ABMM+12, ABN+06, CG12, EMSY12, EPR06, VPS14, WW05]. **DAGs** [Li05]. **Data** [ACV19, Che07, Dje07, Aba15, AGM13, BTK19, DTY21, EFF+19, ET09, FNRV15, FHC21, GSKD21, Khe16, KZS17, LK08, LW21, LT15, LZL20, LZG+20, LLCZ16, MM15, NJ19, SA19, SS19, SCPB09, TSR20, TAMM15, WWKK15, WCW13, ZM21c, ZPW10, BMT19, TV19, Yu15, dAGG+19]. **data-intensive** [LZG+20]. **data-set** [WCW13]. **database** [BF06, LH10, OMKN17, PdP18]. **databases** [BD14, uDZD16, VBZV21]. **datapath** [FFHK19]. **DCCLC** [YYD11]. **deadlock** [ADL16a, ADL16b, SR12, WW05]. **deadlock-free** [WW05]. **Decentralised** [GJB15, JWZL13, Zha20]. **Decentralized** [ZS18, ZSYG18]. **Decision** [NZCX21, KKK21, Luk18, NNRS15, NKC18, SJ06]. **decision-making** [KKK21, NKC18]. **Decomposable** [Khe16]. **decomposition** [BB09b, FMD+22]. **decrease** [LLWZ20]. **Deep** [SOL21, TLL21, XZL+20]. **defect** [GSKD21]. **defense** [CWT12]. **delay** [CSW11, KMS10, LG21, SK14, XC12]. **delegation** [CSW11]. **deletion** [IJT+21]. **delivering** [FNRV15]. **delivery** [AA21, IBCC15, LW21]. **Delta** [VRV12]. **demand** [BRW+15, LAWS14]. **Dependable** [LHIN09, Dis09]. **deployment** [JCL21, NDP12, OCV15]. **derivation** [EFBAY18]. **describing** [BB09b]. **descriptors** [DSP20]. **Design** [Li10a, Miš07, SO19, TAO17, ACV19, BB09a, BGLB21, HSSS09, KKKK18, Mah11, SR13]. **designs** [AAAA16]. **destination** [WS13]. **destination-based** [WS13]. **Detecting** [HHA21]. **Detection** [LYH+20, MAO19, ADL16a, ADL16b, AKE13, BCJ06, BE21, CB10, CSAdS15, ERA07, HB14, IS14, NNRS15, SY07, SS17, SR12, SR13, WS13]. **detector** [LAA13]. **Determining** [BJ19, LC15]. **deterministic** [JS20, SCK15, Sk22]. **detouring** [LGW13]. **Developing** [SP09, Kon18, MJ21]. **development** [Fre16, PB13, SAN+17, SPD21]. **device** [MMK21]. **devices** [BKWA21, Cor21].

Diagnosability [CQS20a, WM20, ZWMR20, FY20, RW20, YYD11, YHL+20, ZM21a]. **diagnosable** [EDN05, ERA07]. **diagnosis** [ER14, EN16, EG18, HL16, YYN10]. **DIBS** [JZZ11]. **different** [KZWS19, LT15, RGS06, Vre17]. **differentiation** [JZZ11]. **diffusion** [AIHA05, SO17, TLO19]. **digital** [BDT07, Höl20]. **dilated** [LZ07]. **dilemma** [AS16]. **dimensional** [BM07, KN15, MJAT21, SG17, SA19]. **dimensions** [LT15]. **Directing** [GBMB19]. **direction** [LS13]. **direction-based** [LS13]. **discharge** [LVZM18]. **disconnected** [FHC21]. **discovery** [Hu18, MPSHH08]. **discrete** [KK18, Nak14a, TLO19, Vre17]. **disease** [LZL20]. **diseases** [LYH+20]. **disjoint** [US16]. **disorderly** [KHUC20]. **dispersion** [CSA14]. **disruption** [DKN10]. **dissected** [OJ10]. **dissemination** [LK08]. **distance** [MUIN13]. **distinguishing** [EFBAY18]. **Distributed** [LGW13, QK20, SRTE09, WCW11, XCW13, AKE13, BD14, BTK19, Bul20, COZ08, DB08, DP09, DTY21, FNB11, GACdM16, GPZ08, Guo06, HAC21, HLZ+12, IS14, JJZ12, Kim16, KX05, LLZX20, LMS16, LC15, MDJ10, PB13, SN14, SCK15, SR12, SWW21, SMOK06, WBP16, WJZK20, WvTB+07, Xu06, YS09, ZP21, ZS18]. **distribution** [GSSR17, HWS08, RCSQ09, SWW21, ZBHOHQ19]. **distributions** [CdO16]. **distributive** [Bur21]. **disturbance** [LLWZ20]. **dividing** [CML10]. **Divisible** [SMOK06]. **domain** [BB09b]. **dominating** [IA11]. **DOT** [LLCZ16]. **double** [KZS21]. **DQcube** [ZM21a]. **Drawing** [ZKG17]. **driven** [AKT21, GKB11, IBCC15]. **dual** [JZZ11, JW06, YZ13]. **dual-cube** [JW06]. **dual-cubes** [YZ13]. **during** [MSTMCVL20]. **dynamic** [AP18, CFQS12, Dis09, KKKK18, KKK21, LLZX20, SPBD05, TSK21, TLL21]. **Dynamical** [LVZM18, ACY05, Bul09]. **dynamically** [BF06]. **dynamics** [BMB+19, Car18, CCO19, KPK13, LFL19, MJGA17, SN14].

eager [RBU13]. **eavesdroppers** [ZYM17]. **echo** [Kon18]. **Eddie** [Ano17]. **Eden** [Wac19]. **edge** [BE21, HH13, TV20, ZM21b]. **edge-connectivity** [ZM21b]. **edges** [FY20, WM20, ZWMR20]. **editor** [Ano18e, Xia08]. **Editorial** [ATA07, ADOKM10, Ano05, Ano09, Ano13, Ano18d, DB21, Li10c, Sto10, Sto15, Ano14, Ano15b, Ano16]. **editors** [VS18a]. **effect** [ABMM+12, ACY05, SG17, Vre17, WB15]. **effective** [Car18]. **Effects** [FMD+22]. **Efficacy** [OT17]. **efficiency** [FMD+22, LZG+20, NJ19, RMK+19, RCSQ09]. **Efficient** [CEF+22, DBD11, DA16, RNMQ12, SA19, AKE13, ACV19, BCJ06, CR13, HRF10, HDK05, IS14, LK08, MUIN13, MBB10, Mic19, MJ21, SK15, SKP13, SCPB09, TBMB18, VSB07, VBA12, WWKK15, XC12, YHWZ12, Zha20]. **effort** [TJKY10]. **eigensolver** [GPZ08]. **elastic** [RMK+19, SHB17]. **election** [SS18, Sk22]. **Electric** [MCYG13, JWZL13, MMS+17, Oga17]. **electrical** [MBCB18, SWW21, Vol17]. **electron** [SO19, TAO17]. **electronic** [SRTE09]. **element** [BWHR07, BM07, KTD+19]. **elements** [BJ19]. **elimination** [RCS19]. **ELM** [SSS18]. **embedded** [GHSR07]. **emergence** [MJGA17, ZBHOHQ19]. **Emergent** [QK20, Zha18, KF07, VBZV21, ZP21]. **emerging** [OA17, Wal09]. **emotion** [ZYW20]. **empirical** [GSKD21, SD07]. **employing** [BKWA21]. **emulated** [GST07]. **emulated-** [GST07]. **emulation** [DV08]. **enabled** [BMM12, Miš07]. **enabling** [AAH08]. **encoding** [AAAA16]. **encounter** [CWT14]. **encounter-based** [CWT14]. **encrypt** [Akl20b]. **encryption** [AA20, CFZ+10, Raw20]. **end** [SK14].

end-to-end [SK14]. **Energy** [AKE13, CR13, HDK05, ZD19, ZPW10, ACV19, AZS17, Che06, DA16, GHMSR12, LS19, LZG+20, MT08, MBB10, RSR15, RS21, SKP13, TBMB18, XC12, DA16]. **energy-aware** [RS21]. **Energy-efficient** [AKE13, CR13, ACV19]. **Energy-optimal** [ZPW10]. **energy-saving** [MT08]. **engineering** [KK18, WLL20]. **Enhanced** [CSW11, LL08, LHL+20, PSVK20, WM09, YHL+20]. **enhancement** [HGBP19, WLWL12]. **Enhancing** [DTY21, LMS16]. **enriched** [BDT07]. **ensemble** [HRR+14]. **ensembles** [CMM17]. **ensure** [SS18]. **ensuring** [TSK21]. **Entropy** [SN14]. **environment** [AZS17, AK18, HSSS09, Kon18, SRG+11, SMS15, WWLW18]. **environment-sensitive** [AK18]. **environmental** [JMA17]. **environments** [AAH08, AAK16, ATARY09, Chi09, LC15, Nas10, SCJM14, SPBD05]. **enzymatic** [Pri17b]. **enzyme** [FK17]. **enzyme-based** [FK17]. **EOMP** [MDJ10]. **epigenetic** [Wal10]. **equipped** [Ste21]. **Erlang** [Kar12]. **erosion** [Saf18]. **Error** [BP09, CWT14]. **estimating** [MAG+19]. **Estimation** [AKA+20, BPS+11]. **Euclidean** [MUIN13]. **Evaluation** [MWHK20, AP12, ADOKM10, ACV19, GS11, KG20, Li10a, Li10b, Mah11, MJ21, NOdORA20, SCCrL06, SEM14, SZG+20, TAO17, VRVG11, WJZK20, Yam21b, Yam22]. **evaluations** [MS16]. **events** [Iha08]. **Eventually** [CB10]. **evolution** [Bul16, OCV15]. **Evolutionary** [KZS17, CdO16, ERA07]. **exact** [ZZ22]. **exactly** [MDJ10]. **exchange** [BJ19]. **exchanged** [RW20]. **excited** [KKK+18]. **exclusion** [BBFN10, DB08]. **execution** [EdM16, HLZ+12, PL19]. **exhaustive** [SMS15, TNTI16]. **expanded** [ZWMR20]. **experiences** [PK07]. **Experimental** [Aga11]. **experiments** [CEW+10, EFBAY18, FBC+15]. **expert** [WLL20]. **explained** [Akl16]. **explicit** [MAG+19]. **Exploiting** [MT08]. **Exploration** [AMuHK15]. **explore** [CEF+22]. **Exploring** [Bul20, AK18]. **exponential** [RCSQ09]. **expression** [MM15]. **expressions** [Pri17b]. **Extending** [CdO16]. **extensible** [GB08]. **extension** [BSG+16, CTS+11, GHSR07]. **Extra** [HH13, LHL+20, ZM21a, ZM21b]. **Extracting** [dMDBS09]. **Extraction** [Iha08, WQZZ20]. **extreme** [LLWZ20]. **eye** [EPR06].

factorization [WJZK20]. **failure** [LAA13]. **Fair** [EMERF15, TJKY10, VRV12]. **fake** [ZYM17]. **fake-message** [ZYM17]. **false** [LG20]. **families** [JWWZ16, Mar18]. **Fast** [BPS+11, LZ07, DBBC19, HL16, LC15, SA19, XCW13, dAGG+19]. **Fast-Sec** [dAGG+19]. **Fault** [DYZ09, ER14, SB22, SWW21, US16, WW05, ZW08, ECL+14, ERA07, EN16, EG18, JW06, KLMW10, LL08, NNRS15, SS17, YZ13, Zha16]. **Fault-tolerance** [ZW08]. **Fault-tolerant** [US16, WW05, JW06]. **faults** [ACL13, EDN05, ZM21b]. **Faulty** [ZM21a]. **FDFM** [AIN13]. **FDR** [SS17]. **feasibility** [ZD19]. **feature** [MJAT21, ZYW20]. **federated** [FBC+15, JW22]. **feed** [Sha06]. **feed-forward** [Sha06]. **FELIX** [FBC+15]. **FEM** [GST07]. **Ferlo** [EFF+19]. **ferrying** [FHC21]. **FET** [KK17]. **Fifty** [Höl20]. **file** [AGM13, AGK+19, HLZ+12, WCW13, ZMX+13]. **filter** [LLZX20, SA19]. **filtering** [LK08, Pri17b]. **filters** [DH20]. **Finding** [QA07, SSZC18]. **fingerprint** [TZG16]. **fingerprint-based** [TZG16]. **finite** [AOKK08, BWHR07, BM07, CB10, EFBAY18, KTD+19, VRVG11]. **finite-buffered** [VRVG11]. **finite-element** [KTD+19]. **firefly** [LC19, XZL+20]. **fitness** [Ric18, ZD19]. **Flexible** [CTS+11, YHT18, XC12]. **Flexilink** [MWHK20]. **flooding** [MD13]. **flow**

[BM07, TJKY10]. **fluidic** [FK17]. **FMSLPP** [ZYM17]. **fog** [AKA+20]. **folksonomy** [AXM+15]. **forecast** [TB16]. **forecasting** [XFCH08]. **forensic** [BH17]. **formal** [Wal08]. **formalise** [SO18]. **formation** [TSK21]. **forward** [Sha06]. **forwarding** [CSW11, KMT18]. **Foundations** [SK18a]. **FPGA** [AIN13, CFZ+10, Yam21a]. **FPGA/ASIC** [CFZ+10]. **FPGAs** [ET09]. **fractal** [Ric18]. **fractional** [SB22]. **framework** [AA20, BSG+16, BTK19, DP09, FBC+15, HMW+20, KTD+19, KX05, LS19, MSM+12, TZG16]. **frameworks** [AM11]. **free** [BPV18, ET09, WW05]. **frequencies** [MJGA17]. **frequent** [LC15]. **friction** [Nos18]. **Fully** [AA20, WM13]. **function** [DBD11, KKKK18, OT17, TAMM15]. **functions** [CG12, Pan18]. **future** [AZS17, CQS20a].

G [WL06]. **GaAs** [KK17]. **GaAs-based** [KK17]. **gadgets** [ZD19]. **Gait** [SSS+17]. **game** [AAK16, EG18, JW22, OT17]. **Garden** [Wac19]. **GarQ** [SCPB09]. **gates** [APA20, Pri17b, Sch17]. **gateway** [KMS10]. **gateway-based** [KMS10]. **gaze** [EPR06]. **GCA** [JEH09]. **GCC** [Xia08]. **gene** [MM15]. **general** [AA20, BCL09]. **generalised** [DYZ09, SR12, YYN10]. **Generalized** [YMLC07]. **generated** [XZY20]. **generation** [AR14, BKWA21, BH11, Fer06]. **generations** [Chi09, SWW21]. **generator** [TNTI16]. **Generic** [GWJ09, HSSS09]. **Genetic** [Sin17, BGLB21, Bul09, EDN05, GKB11, SMOK06]. **Genetic-variable** [Sin17]. **genomic** [FNRV15]. **geo** [TV20]. **geo-aware** [TV20]. **geographic** [LS13, LGW13]. **geometric** [DKN10]. **geothermal** [SSZC18]. **German** [Sie20]. **Getting** [DV08]. **Global** [KMS10, CEW+10, JW06, MJGA17, SG17, WLL20, ZYM17]. **globally** [TSK21]. **Gnutella** [HWS08]. **good** [YHL+20]. **Google** [GB08]. **governing** [SN14]. **GPGPUs** [CS19]. **GPU** [ADL16a, ADL16b, AKT21, BCL09, EILB19, MUIN13, TNTI16, UIN14, YW11, Yam21b, Yam22]. **GPU-based** [ADL16a, ADL16b, YW11]. **GPU-LMDDA** [ADL16a]. **GPU-OSDDA** [ADL16b]. **GPUs** [DD11, Nak14b]. **gradient** [LR06, SEM14]. **grammars** [IJT+21]. **grand** [SBC+05]. **graph** [Akl20b, AGM13, DEBF20, LG21, MM15, VBZV21]. **graph-based** [LG21]. **graph-theoretic** [MM15]. **graphics** [ABN+06, CIM+09, HRR+14]. **graphs** [CFQS12, CHJ+14, CKOX16, DSM21, QTCM20, WM20, XZY20, YYD11]. **Gray** [AR14]. **greedy** [DWZ20]. **grey** [DBD11]. **grey-level** [DBD11]. **grid** [BH11, DA09, HB14, HLZ+12, MCYG13, OGD11, SCJM14, SS17, SRG+11, SCPB09, VBA12, ZPW10, COZ08, GB08, PK07, Tra11]. **grid-based** [DA09, ZPW10]. **grids** [BWHR07, DSI11, GKB11, KR17, LAWS14, LSB+14]. **Gridscape** [GB08]. **Group** [LK08, LG21, SK18b, TSK21, Wac19, WCC05]. **Group-aware** [LK08]. **groups** [Kim16, Sk22]. **guard** [LZ05]. **Guest** [Li10c, Xia08]. **guide** [Bul16, HSSS09].

Hadoop [WCW13]. **half** [WA20]. **Hamiltonian** [DYZ09]. **Hamiltonian-connectivity** [DYZ09]. **Hamiltonicity** [DYZ09]. **handoff** [LZ05]. **Hardware** [ESAA18, KF07, LG20, OA17, GST07]. **hardware-oriented** [GST07]. **harmony** [ESAA18]. **harvesting** [ZD19]. **hats** [ZKG17]. **healthy** [SSS+17]. **heap** [GACdM16]. **heterogeneous** [Chi09, DNPT12, GACdM16, KKK21, MS16, MT08, MPSHH08, Nas10, SPBD05, SS12]. **heuristic** [Li10b, Mah11]. **Hidden** [KKK+18]. **Hierarchical** [BWHR07, EMSY12, MS16, HLY11, Nas10, ZYW20]. **Hierarchical-based** [EMSY12]. **hierarchy** [WCC05]. **High** [KR17, ECL+14, HL16,

LZS+10, LH10, MJAT21, NZCX21, SNMSA10, SP09, SHSS09, SS18, DS09]. **high-dimensional** [MJAT21]. **High-performance** [KR17, SNMSA10, SHSS09]. **high-rise** [NZCX21]. **Highly** [ZMX+13, DW05, SKZ12, Wal08]. **Hilbert** [HLP07]. **Hilbert-order** [HLP07]. **History** [Yam20, CL06, MSTMCVL20, Sie20]. **HMM** [EMSY12]. **hoc** [AAH08, BBFN10, Che07, DW05, DB08, HHA21, IS14, MBB10, RGS06, SCCrL06, SK14, SS18, SKZ12, YHY05, NJ19, WCW11, XM10, MB10]. **home** [Höl20]. **homogeneous** [GACdM16]. **homomorphic** [AA20]. **honeycomb** [ZYLH09]. **hop** [CTS+11]. **hop-count** [CTS+11]. **Hopfield** [ER14]. **host** [DSI11]. **hosted** [uDZD16]. **HPC** [ECL+14, MSM+12]. **HPRD** [LH10]. **hub** [RSR15]. **huge** [AKT21]. **Human** [LFL19, JWWZ16]. **human-computer** [JWWZ16]. **Hybrid** [MOZH20, BWHR07, JWWZ16, LW07, LZQL21, SS13, SPBD05, WCL14, WFK18, XFCH08, YWGH13]. **hydro** [HBB+17]. **hydrological** [XZL+20]. **hyper** [RCSQ09, SB22]. **hyper-chaotic** [SB22]. **hyper-exponential** [RCSQ09]. **hyperbolic** [Mar18]. **hypercube** [HH13, YHL+20]. **hypercube-like** [HH13]. **hypercubes** [LHL+20, RW20, US16]. **hypergraph** [MTW12]. **hyperspectral** [WJZK20]. **hypertorus** [ZSP22]. **Hypothesis** [NNRS15, HB14]. **HyTeG}** [KTD+19].

I/O [RBU13]. **IDA*** [Mah11]. **identical** [DNPT12]. **identification** [MBCB18]. **identifier** [HYJ16]. **identifier/locator** [HYJ16]. **identifying** [EDN05, MM15, TLL21]. **identity** [BMM12]. **identity-based** [BMM12]. **IEEE** [AWGW08, MBB10, SCCrL06, SK14]. **IFR** [LL08]. **II** [GB08, SBC+06]. **image** [CMM17, DBD11, DSP20, DD11, Gor06, KF07, LYH+20, LZQL21, WJZK20]. **image-based** [DSP20]. **images** [AIHA05, WQZZ20]. **IMAKA** [SK15]. **IMAKA-Tate** [SK15]. **imbalance** [GSKD21]. **immune** [BMB+19]. **impact** [HBS08, KBAO19, YW11]. **impacts** [MAG+19]. **implement** [CCLT08]. **Implementation** [KK17, WJZK20, AIN13, AAAA16, ACV19, BCL09, CEF+22, GG11, Mic19, SSHM17, SO17]. **implementations** [AA20, Nak14a]. **implemented** [DH20, NGA13]. **Implementing** [Kar12, LAA13, YHT18]. **implications** [NA12]. **importance** [BJ19]. **Improve** [PWL09, RBU13, SS12, YWGH13]. **Improved** [KG20, LZQL21, KMS10, SR12, TLO19, WLX21, Yam21b]. **Improvement** [ATARY09, Aba19, IBCC15]. **Improving** [CCO19, CWT14, DSI11, LZG+20, HLY11]. **in-memory** [OMKN17]. **incentive** [WCL14]. **incentives** [KA12]. **incident** [MJGA17]. **Incorporating** [NOdORA20]. **increasing** [LT15]. **indexing** [Urr08]. **Indoor** [WvTB+07, LS14, SK15]. **indulgent** [Sk22]. **industrial** [WLL20]. **infection** [BMB+19]. **infinite** [ZSP22]. **Influence** [TTS+21]. **information** [CVFC19, CSAdS15, JW06, NA06, Nos18]. **informed** [WM13]. **infrastructure** [FK17]. **inhibition** [SK18a]. **initial** [GBMB19, SBC+06]. **initialisation** [WLX21]. **input** [APA20, LLW06]. **input-crosspoint-queued** [LLW06]. **insertion** [IJT+21]. **insolation** [SSS18]. **inspired** [AKA+20, SO19, SK18b, Suz05, Wal08]. **instance** [MJAT21]. **Insulin** [SAN+17]. **insurgent** [Ila12]. **integer** [SB22]. **integral** [RNMQ12]. **integrated** [BRW+15, KX05, LHIN09]. **Integrating** [CFZ+10]. **integration** [CLM+17, GB08, KMS10, LDB+14]. **integrative** [MAG+19]. **Intel** [EdM16]. **Intelligence**

[SK18b, KK18, KKKK18, SMS15, NZCX21]. **Intelligent** [MJ21, FHC21, LWZ08]. **intensive** [LZG+20]. **inter** [SK18b]. **inter-group** [SK18b]. **interacting** [Ben07]. **Interactive** [KPK13, WvTB+07]. **interconnect** [ZSP22]. **interconnection** [CQS20a, GS11, HL16, Miš07, QA07, Ste21, VRVG11]. **intermittently** [LS13]. **internal** [VRVG11]. **internal-priority** [VRVG11]. **International** [QK20]. **Internet** [HYJ16, OCV15, WCC05, Zho06]. **interpolations** [FMD+22]. **interpreter** [DD11]. **interval** [JZZ11]. **intra** [SK18b]. **intra-** [SK18b]. **intree** [DNPT12]. **intree-shaped** [DNPT12]. **Introduction** [Xia08]. **intrusion** [CS16, IS14]. **invariance** [Ric18]. **investigation** [Suz07]. **ionising** [SR13]. **IoT** [BKWA21]. **IP** [LW21]. **IP-based** [LW21]. **IPART** [WLL20]. **IPv6** [WCY15]. **IPv6-based** [WCY15]. **ISRL** [LWZ08]. **Issue** [ADOKM10, Yu15, Ano06, Cho08, FNB11, Guo14, OA17, QK20, RH07, Tra11, VS18b, Xu06, ZP21]. **issues** [FNRV15, IP08, Miš07].

Japan [Yam20]. **Jaya** [Mic19]. **job** [HLZ+12, PL19]. **Journal** [QK20]. **journey** [Akl20a]. **Journeys** [SBC+05, SBC+06].

kernel [BMPV14]. **Kinect** [KPK13]. **knapsack** [ESAA18, Hu18, RNMQ12]. **knowledge** [ABF15]. **KpyrRec** [Urr08]. **kriging** [MOZH20]. **Kubernetes** [NOdORA20].

landscape [Aba15]. **landscapes** [Ric18]. **lane** [Ste21]. **language** [AGM13, DD11, Yam22]. **languages** [SHSS09]. **large** [ABS21, BWHR07, CEW+10, EDN05, FBC+15, JWZL13, KG20, SS18, Sk22]. **large-scale** [ABS21, CEW+10, FBC+15]. **last** [Sha20]. **latency** [MWHK20]. **lateral** [SK18a]. **Lattice** [PGL16]. **law** [GKST10]. **layer** [BB09a, LMS16, YHT18, XM18]. **layer-based** [LMS16]. **layered** [SO19]. **layers** [DH20]. **layout** [WCW13]. **leader** [SS18, Sk22]. **leads** [KHUC20]. **learn** [Mar22]. **Learning** [ZCT07, Bul09, Car18, GSKD21, JW22, LWZ08, RSR15, SK18b, SSS+17, SOL21, TLL21, VSB07, XZL+20, ZSYG18]. **less** [LG20]. **level** [DBD11, EN16, EG18, FCL+11, KZWS19]. **libraries** [BDT07]. **library** [HSSS09]. **library-centric** [HSSS09]. **lifetime** [CTS+11, HWS08]. **light** [DA09]. **like** [HH13, WLX21, ZBHOHQ19]. **limitations** [OCV15]. **limited** [JW06, LFL19]. **limited-global** [JW06]. **limits** [NA07]. **linear** [BCL09, CIM+09, GKB11, SY07, SMOK06, ZSL22, ZCT07]. **Linearly** [ACL13]. **Link** [DA16]. **list** [SCK15]. **Listing** [Sto06]. **LMDDA** [ADL16a]. **load** [DSI11, LGW13, SMOK06, XCW13]. **load-balancing** [XCW13]. **local** [DSP20, IA11, RW20, TNTI16, TSK21, YHY05]. **localization** [Aba19, LC19]. **Localized** [RCS19]. **location** [LS14, SWW21, YM15, ZYM17]. **location-based** [YM15]. **location-tracking** [LS14]. **locator** [HYJ16]. **logic** [APA20, FK17, KK17, Pri17b, Sch17, ZKG17]. **Logical** [Nos18]. **Logics** [Sch18, SO18]. **logs** [Iha08]. **long** [LL08]. **long-running** [LL08]. **loop** [Yam21a]. **loss** [IBCC15]. **low** [LS19, MWHK20, SNMSA10]. **low-energy** [LS19]. **low-power** [SNMSA10]. **Lower** [Che06].

M [RCSQ09]. **MAC** [BB09a, CYG22, TLL21]. **machine** [AP18, LZWD15, Nak14a, Nak14b, SSS+17, Wal08, dSOK17]. **machines** [Bur21, EFBAY18, EN16, Fat10, FA08, Mar22, Pan18, Wal09, Wal10, YWGH13]. **macromolecular** [MMS+17]. **macular** [LYH+20]. **Maeda** [PGFA17].

Maeda-Makino [PGFA17]. **mahjong** [SSHM17]. **making** [KKK21, NKC18]. **Makino** [PGFA17]. **Managed** [OMKN17, NOdORA20]. **management** [AGM13, COZ08, GR07, Kar12, KX05, RS21, TP11, XYC+15]. **managing** [ABF15]. **MANET** [IS14, CZXC06, DA16, HBS08]. **MANETs** [TSK21, YHWZ12]. **manifolds** [ZCT07]. **many** [ACL13, SYLS07]. **many-to-one** [SYLS07]. **map** [KKK21, MUIN13]. **map-based** [KKK21]. **mapping** [CCLT08, CWT12, CWT14, HYJ16, XM18]. **MapReduce** [HAC21]. **Maps** [GB08]. **markers** [MM15]. **massive** [HSL10]. **massively** [BSG+16, JEH09, KF07, SEM14]. **Matching** [CHJ+14, AGB10, CKOX16, DYZ09, Nak14a, SA19, SMS15, YMLC07]. **mathematical** [NKC18]. **mathematics** [SK18a]. **matrices** [HLP07]. **matrix** [IJT+21, WCW13, WJZK20]. **Maximal** [ET09]. **maximisation** [AAK16, NDP12]. **maximizing** [WW17]. **maximum** [QA07]. **MaxSAT** [WJH20]. **means** [LC19, WLX21]. **measures** [Ric18]. **measuring** [HSL10, NJ19]. **mechanical** [KKKK18]. **mechanism** [Bul16, HHY13, LGW13, TJKY10, WCL14, ZMX+13]. **media** [BRW+15]. **mediated** [JMA17]. **medicines** [LZL20]. **medium** [BB09a, YHY05]. **Meet** [Ano18e, VS18a]. **Membrane** [Zha21, IP08]. **memory** [AS18, Car18, EMERF15, GPZ08, Kuz18, LG20, LR06, MUIN13, Nak14a, Nak14b, OMKN17, SO17, TAO17]. **Memristive** [VS18b, Car18]. **memristor** [AK18, WFK18, YHT18]. **memristors** [AA22, Vol17]. **merging** [FFHK19]. **mesh** [ABMOK10, ABMM+12, Aga11, CG12, DBBC19, DV08, LHIN09, SNMSA10, ZW08]. **mesh-based** [Aga11, SNMSA10]. **mesh-connected** [ABMM+12]. **meshes** [RGS06, WW05, ZYLH09]. **mesoscopic** [Suz07]. **message** [Fer06, SCK15, ZMX+13, ZYM17]. **message-passing** [Fer06, ZMX+13]. **messages** [BMM12]. **meta** [GKB11, YS09]. **meta-pipeline** [YS09]. **meta-scheduling** [GKB11]. **metadata** [AGM13]. **metaheuristic** [MBCB18]. **metaheuristics** [EILB19]. **metatypes** [GHSR07]. **Method** [CCLT08, CML10, KZS21, WWLW18, WLX21, Yam21a, Yam21b, Yam22]. **methodology** [SK18b]. **metric** [NJ19, SJ06]. **metrics** [MB10]. **Mexico** [MSTMCVL20]. **microblogging** [Fre16]. **microsensor** [ZPW10]. **middleware** [ABN+06, COZ08, LDB+14]. **migration** [LL08, LZWD15]. **migration-enhanced** [LL08]. **Min** [GACdM16]. **Min-heap-based** [GACdM16]. **miner** [Mon07]. **Minimising** [GHMSR12]. **minimum** [Che06, XC12]. **mining** [AMV07, BTK19, Dje07, LC15]. **mise** [Car18]. **missing** [FY20, WM20, ZWMR20]. **mixed** [KK18, WJZK20, WQZZ20, GST07]. **mixed-precision** [GST07]. **MM*** [WM20]. **MMPP** [RCSQ09]. **MMPP/M/1** [RCSQ09]. **mobile** [ABN+06, AM11, BF06, CZXC06, CL06, CSA14, CFK17, DB08, HR21, HDK05, IS14, KX05, LS13, LZ05, MDJ10, NJ19, SS18, Sin17, SKZ12, TZG16, TV20, WCC05, WL06, WCL14, Xu06]. **Mobility** [WCY15, Aba19, GHMSR12, RGS06]. **mobility-aware** [RGS06]. **Model** [Kuz18, AGM13, Ben07, Bul20, COZ08, CH14, DCL17, DA16, DTY21, EFF+19, GS11, JEH09, JW06, JMA17, LLCZ16, MTW12, MAG+19, RW20, RMK+19, SHB17, SR12, TLO19, WM20, WM09, WM13, XFCH08, YYD11, YHL+20, ZWMR20]. **model-based** [AGM13, WM09, WM13]. **Modeling** [Sha06, HBB+17, Pri17b]. **Modelling** [BKWA21, BMB+19, Bur21, HHY13, Ila12, Nas10, ST11, VRVG11, VBZV21, YS09, AAK16, AOKK08, DHRCB10, DH20, KBAO19, PGL16, SOKM05, ZD19]. **models**

[BMT19, CEF+22, FNB11, Iha08, KN15, Luk18, Nak14a, Nak14b, NKC18, Pan18, RGS06, Wal08]. **modern** [SEM14]. **modes** [BKWA21]. **Modified** [VSPK18, BPS+11, ER14, GSSR17]. **Modulation** [SG17, SKP13]. **mold** [SO19]. **molecular** [Oga17]. **molecule** [Oga17]. **Monetary** [KA12]. **monitoring** [GB08, HB14, XFCH08]. **monotone** [WW05]. **Monte** [HRR+14, WWLW18]. **most** [DV08, MM15]. **motion** [BPS+11, Kuz18, Vre17]. **motorways** [AP12, AAAS+13]. **mould** [AP12, AAAS+13, Jon16, MJGA17]. **movement** [DTY21, KZWS19, KHUC20]. **movie** [Mon07]. **MPSoC** [RS21]. **MRI** [EMSY12]. **Multi** [APA20, AP18, DH20, JTZX05, SK18b, ADL16a, AWGW08, AKT21, BMPV14, CG12, CYG22, DW05, DB08, ERA07, GS11, GSSR17, Jon16, JMA17, KLMW10, KN15, KA12, LZS+10, MTW12, Mic19, ST11, SO19, SHSS09, SEM14, Ste21, TTS+21, TP11, WBP16, YHT18, YWC09]. **multi-agent** [Jon16, JMA17, TP11]. **multi-attributive** [KA12]. **multi-channel** [CYG22]. **multi-class** [GS11]. **Multi-Cohort** [SK18b]. **multi-core** [BMPV14, Mic19, SEM14]. **multi-cores** [KN15]. **multi-dimensional** [KN15]. **multi-GPU** [AKT21]. **Multi-input** [APA20]. **multi-lane** [Ste21]. **multi-layer** [YHT18]. **multi-layered** [SO19]. **Multi-objective** [AP18, MTW12]. **multi-paradigmatic** [SHSS09]. **multi-path** [DW05, YWC09]. **multi-processor** [ERA07]. **multi-rate** [AWGW08]. **multi-resolution** [TTS+21]. **multi-routing** [DB08]. **Multi-scale** [DH20, CG12]. **Multi-shared-trees** [JTZX05]. **multi-tenant** [WBP16]. **multi-tree** [LZS+10]. **multi-type** [GSSR17]. **multi-unit** [ADL16a]. **multi-versioned** [ST11]. **multi-writer** [KLMW10]. **Multicast** [RGS06, HRF10, JTZX05, MDJ10, TSK21, YHWZ12]. **multicomputer** [SOKM05]. **multicomputers** [ABMOK10, ABMM+12]. **multicore** [AR14, EMERF15, FFHK19]. **multidimensional** [Urr08]. **multigrid** [KTD+19]. **multihop** [Li10a]. **multilayer** [EFF+19, MOZH20]. **Multimedia** [BDT07, Dje07, GR07, HMW+20]. **multiphysics** [BSG+16]. **multiple** [BBFN10, GSSR17, IA11, Li10a, PSVK20, YW11, ZCT07]. **multiple-choice** [PSVK20]. **multiplication** [HLP07]. **multiprocessor** [RNMQ12]. **multistage** [GS11, Ste21, VRVG11]. **multithreaded** [Mah11]. **MUSIG** [DBD11]. **mutation** [LLWZ20]. **mutual** [DB08].

name [SA19]. **named** [SA19]. **nano** [AZS17]. **nano-biointerfaces** [AZS17]. **nanowire** [KK17]. **narrowly** [TLL21]. **nation** [KR17]. **nation-sized** [KR17]. **native** [GST07]. **native-** [GST07]. **natural** [Ben07, Saf18]. **Navigation** [Mar18]. **nearest** [Khe16]. **negative** [WJZK20]. **neighborhood** [Sin17]. **neighbour** [YHL+20]. **neighbours** [Khe16]. **net** [GR07, KZS21, Pan18, VBZV21, ZP21, ZZ22]. **net-based** [GR07]. **net-tools** [VBZV21]. **nets** [SOL21, ZSP22, ZYW20]. **network** [AKE13, AKT21, BE21, CTS+11, DSP20, DKN10, ER14, EPR06, HL16, KX05, KKK21, KK17, LZS+10, MOZH20, PL19, Sha06, SR13, SO17, SS12, SWW21, Suz05, TJKY10, TAMM15, WL06, WCW11, XM18, YHT18, ZM21c, Li10c, MMT+15]. **network-on-chip** [TJKY10]. **networked** [ADOKM10, EFBPMMOA12, Pri17b]. **Networking** [FNRV15, SA19, Yu15]. **Networks** [Ano06, AIN13, AGB10, AOKK08, ABS21, AK18, BB09a, BBFN10, BJ19, Bul09, Bul16, Car18, CFQS12, CSNB11, Che06, Che07, CSW11, CR13, CH14, CYG22, CQS20a,

Cho08, CSA14, CFK17, CLM+17, DW05, DB08, DBBC19, DP09, DV08, DYZ09, DSI11, FHC21, GS11, GKST10, GHMSR12, HHA21, HGBP19, HH13, HDK05, Ila12, IS14, IA11, JJZ12, JCL21, KMT18, LG21, LS19, LW07, LWZ08, Li10a, Li10b, LS13, LGW13, LW21, LZ05, LC19, LZ07, LHIN09, MWHK20, MMK21, MT08, MD13, MPSHH08, MOZH20, MBB10, Miš07, NNRS15, NDP12, NJ19, PL19, PWL09, QA07, RG10, RCS19, SNMSA10, SCCrL06, SK14, SOKM05, SS18, SKP13, SS17, SYLS07, Ste21, SKZ12, SZG+20, TBMB18, TLL21, VRVG11, Vol17, WWKK15, WLWL12, WW17, WS13, XC12, YMLC07, YYN10, YM15, YHY05, ZSYG18, ZS18, Zha20]. **networks** [ZM21b, ZCT07, ZPW10, ZW08, VS18b, VRV12, XM10]. **networks-on-chip** [SNMSA10]. **neural** [AIN13, BE21, DSI11, ER14, EPR06, MOZH20, PL19, SO17, SWW21, TLL21, XM18, YHT18]. **neuromorphic** [YHT18]. **neuron** [PGFA17]. **neuroscience** [SK18a]. **next** [BH11]. **next-generation** [BH11]. **Neyman** [SR13]. **NFS** [RBU13]. **NFV** [TAMM15]. **NK** [Bul20]. **NN** [FMD+22]. **No** [LAWS14]. **node** [ABS21, SCCrL06, US16, WCL14, XC12]. **node-based** [SCCrL06]. **node-disjoint** [US16]. **nodes** [EFBPMMOA12, LC15]. **Noise** [CMM17, PGFA17, HBB+17, KK17, ZKG17]. **Noise-assisted** [PGFA17]. **noise-based** [ZKG17]. **noise-coexistence** [KK17]. **noisy** [ATARY09]. **Non** [Oga17, LLW06, MM15, SBC+05, SBC+06, WJZK20]. **non-classical** [SBC+05, SBC+06]. **non-negative** [WJZK20]. **non-redundant** [MM15]. **Non-symmetric** [Oga17]. **non-uniform** [LLW06]. **nonblocking** [HSL10]. **nondeterministic** [EFBAY18]. **Nonlinear** [MMS+17, DSP20, LLWZ20, MAO19]. **nonparametric** [ATARY09]. **nonsymmetric** [GPZ08]. **Nonuniversality** [Akl16]. **normal** [SSS+17]. **North** [Akl20a]. **NoSQL** [PdP18]. **note** [RW20]. **notes** [Ano18d, MSTMCVL20]. **Novel** [TAMM15, JWWZ16, LL18, MM15, SNMSA10, VRVG11, WCC05, WCL14]. **NSF** [Fat10]. **NUMA** [KN15]. **number** [BCL09, Chi09, LC15, WW17]. **numerical** [LSB+14, PGL16].

O [RBU13]. **Object** [DS09, AIHA05, SPD21]. **Object-Oriented** [DS09]. **objective** [AP18, GSSR17, MTW12]. **objects** [Sto06]. **obstacles** [DMN21, OCV15]. **offline** [DBBC19]. **offloading** [Yam21a, Yam21b, Yam22]. **on-chip** [VPS14]. **once** [MDJ10]. **one** [SYLS07]. **online** [JWZL13]. **onto** [XM18]. **ontologies** [BDT07]. **OpenCL** [KPK13]. **OpenCOPI** [LDB+14]. **OpenMP** [Mar09]. **operating** [GHSR07, Ste21]. **operation** [BKWA21, CYG22, LT15, MCYG13]. **operational** [RSR15]. **operations** [FK17, HSL10]. **operators** [TAMM15]. **Opportunistic** [KMT18, TBMB18, YHWZ12]. **Opteron** [Fat10]. **Optical** [WWKK15, DBBC19, Li10b, LYH+20, LZ07]. **Optimal** [Nak14a, SR13, WWLW18, ZPW10]. **Optimisation** [HLZ+12, MJAT21, YWGH13, AMuHK15, AKA+20, BPS+11, CEW+10, DWZ20, KZWS19, LZQL21, MMK21, Mic19, PSVK20, SJ17, SK18b, UIN14]. **optimisations** [LSB+14]. **Optimised** [DA16, LG20, SMS15, DBD11, VPS14, WLX21]. **Optimising** [RSR15]. **Optimistic** [Zha16, Guo06]. **optimization** [JCL21, MS16]. **optimizations** [LR06]. **optimized** [Pri17b]. **optimum** [SYLS07]. **OptiMUSIG** [DBD11]. **orchestration** [FBC+15]. **order** [CT08, HLP07, MAO19, SB22]. **ordering** [HRF10]. **organisation**

[AGK+19, GBMB19]. **organised** [Ila12]. **organising** [KKK21]. **organisms** [KHUC20]. **organization** [HDK05]. **organizing** [ZCT07]. **Oriented** [DS09, CCLT08, ECL+14, LLW06, XFCH08, GST07]. **oscillator** [MJGA17]. **OSDDA** [ADL16b]. **Out-of-core** [CIM+09]. **overhead** [HSL10, ST11]. **overlay** [LZS+10, MMK21]. **overlays** [CFK17].

P [NZCX21, LLCZ16, SSS18]. **P-DOT** [LLCZ16]. **P-ELM** [SSS18]. **p2p** [MD13, LW07, LZS+10, Tra11]. **Pachycondyla** [MBCB18]. **packet** [IBCC15, SYLS07]. **packets** [MJGA17]. **padfem** [BM07]. **page** [CML10]. **painting** [DMN21]. **pancake** [CHJ+14, CKOX16, DSM21]. **paper** [AXM+15]. **Papers** [Xia08, MW08]. **paradigm** [YHY05]. **paradigmatic** [SHSS09]. **Parallel** [AR14, BTK19, BM07, Chi09, DHRCB10, EFBAY18, Gor06, HRR+14, IJT+21, Mah11, PK07, QK20, SPD21, AAAA16, BCJ06, BPS+11, BSG+16, BB09b, EMSY12, EDN05, FNB11, JEH09, KG20, KF07, Li05, Li10c, MTW12, RNMQ12, RH07, Sha06, SEM14, SMS15, Sto06, VBZV21, Wal08, ZP21, ZSL22, dMDBS09, CDF+07, DS09, HSSS09]. **Parallel/High** [DS09]. **parallelisation** [BMPV14, EdM16, FFHK19]. **parallelism** [ACY05, AKT21, DTY21]. **parallelization** [EILB19]. **parameter** [SN14]. **parameters** [MBCB18]. **parking** [LS14]. **Partial** [EG18, ER14, LVZM18]. **partial-discharge** [LVZM18]. **partially** [ET09, SD07]. **participatory** [KA12]. **Particle** [JCL21, BPS+11, KPK13, LLWZ20, LZQL21, MS16, PSVK20, Vre17]. **partitionable** [Li05]. **partitioned** [Khe16]. **Partitioning** [AM11, LCG18, MTW12]. **passing** [Fer06, SCK15, ZMX+13]. **past** [CQS20a]. **Path** [CL06, DW05, EdM16, YWC09]. **Path-history-based** [CL06]. **paths** [US16]. **patterns** [KZWS19, LVZM18, LC15, MJGA17, PRMF17]. **payload** [MWHK20]. **Pearson** [SR13]. **pedestrian** [NZCX21]. **peeking** [LAWS14]. **Peer** [OJ10, Aga11, CZXC06, CFK17, Fre16, LWZ08, MMK21, PWL09]. **Peer-to-peer** [OJ10, Aga11, CZXC06, CFK17, Fre16, LWZ08, MMK21]. **penalty** [KKKK18]. **pentagrid** [Mar17]. **people** [RP07]. **perceptron** [EFF+19, MOZH20]. **percolation** [PGL16, RG10]. **percolation-based** [RG10]. **PercolationNET** [LZS+10]. **perfect** [CB10]. **Performance** [ADOKM10, BMPV14, CFK17, DS09, ERA07, Li10b, LZ05, RG10, SOKM05, SKP13, SEM14, YW11, GST07, ABMM+12, BWHR07, ECL+14, GS11, HL16, HLZ+12, HBS08, KMS10, KR17, Li10a, LG20, LMS16, LH10, Mah11, Miš07, PdP18, RBU13, SNMSA10, SHSS09, VRVG11, Zho06]. **performance-evaluation** [GS11]. **performances** [Nas10]. **periodic** [MJGA17]. **Personal** [Nan20, Wat20, FCL+11, Yam20]. **personalised** [PRMF17]. **perspective** [AA21, AKA+20, Zho06]. **pervasive** [FCL+11]. **Petri** [GR07, Pan18, SPD21, VBZV21, ZP21, ZZ22, ZSP22]. **Petri-object** [SPD21]. **Petri/Sleptsov** [ZP21]. **phase** [WB15]. **pheromone** [TLO19]. **phonemes** [SS13]. **Physarum** [JMA17, MJGA17, Pan18, SJ17, Sch17]. **physical** [Guo14, JWZL13, WCL14]. **physics** [CEF+22]. **pipeline** [AKT21, YS09]. **pipelined** [SY07]. **pixels** [WJZK20]. **placement** [LZWD15]. **planarian** [DCL17]. **plane** [Mar18]. **planting** [WQZZ20]. **plants** [Vol17]. **platform** [DNPT12, EdM16, FCL+11, Fre16]. **play** [SSHM17]. **player** [SSHM17]. **players** [SSHM17]. **PMC** [YHL+20]. **point** [AWGW08, AAAS+13]. **policy**

[AWGW08, WBP16]. **policy-customisable** [WBP16]. **pollution** [MAO19]. **polycephalum** [JMA17, MJGA17, Sch17]. **polygonal** [WW05]. **polymer** [CEF+22]. **polynomial** [JS20]. **polynomial-time** [JS20]. **population** [BPS+11]. **population-based** [BPS+11]. **populations** [JWZL13]. **portal** [GB08]. **positioning** [AGB10, SK15]. **potential** [MT08]. **Power** [CEW+10, GKST10, HB14, NJ19, SNMSA10, SCJM14]. **power-law** [GKST10]. **powered** [JW22, ZD19]. **powerful** [LX08]. **precision** [GST07]. **preclusion** [CHJ+14, CKOX16]. **predicate** [CB10]. **predicting** [dMDBS09]. **prediction** [GSKD21, IBCC15, KN15, MOZH20, PL19, SSS18, XZL+20]. **predictions** [DSI11]. **Preface** [CQS20b, El 19, Pri17a, ZP21, Zel18]. **preprocessing** [KF07]. **present** [CQS20a]. **preservation** [GHMSR12, ZYM17]. **preserving** [LAWS14, SK15]. **preventing** [WM09, WM13]. **pricing** [AKA+20]. **primitive** [GG11]. **prioritised** [SS12]. **priority** [GS11, VRVG11, VRV12]. **prisoner** [AS16]. **privacy** [LAWS14, SK15, YM15, ZYM17]. **privacy-preserving** [LAWS14]. **private** [Höl20]. **Privman** [Pri17c]. **PRNG** [VSPK18]. **proactive** [ECL+14, HBS08]. **probabilistic** [AS16, CH14, Cor21, Hu18]. **probability** [SO18, ZBHOHQ19]. **problem** [CT08, EN16, Hu18, JS20, LAA13, RNMQ12, TV20, UIN14]. **problems** [BM07, Che06, DP09, ESAA18, KK18, KT17]. **process** [Iha08, LZWD15]. **processes** [VBZV21, WBP16, XZL+20]. **processes-as-a-service** [WBP16]. **processing** [AAH08, BF06, BMPV14, CMM17, DD11, FNRV15, HRR+14, Pri17b, TSR20, TV19, dAGG+19]. **processor** [AIN13, ERA07, Gor06]. **processors** [BE21, CIM+09, EMERF15]. **product** [BP09, QTCM20]. **programmable** [WFK18]. **Programming** [BMT19, Wal09, AMuHK15, Bul09, CdO16, GKB11, SMOK06, Wal10, YS09, ZP21]. **programming-driven** [GKB11]. **Programs** [Mar09]. **progression** [HSL10]. **progressive** [VSPK18]. **project** [GSKD21]. **properties** [LVZM18, Oga17, YMLC07]. **property** [RW20]. **Proportionally** [TJKY10]. **Proposal** [CSAdS15]. **Protecting** [YM15]. **protection** [DBBC19]. **protocol** [BB09a, CYG22, DB08, DKN10, HBS08, JTZX05, MBB10, MDJ10, NOdORA20, Sk22, SS12, TBMB18, WCC05, WLL20, WM09, WM13]. **protocols** [OCV15, RG10, WLL20]. **provided** [KMT18]. **provisioning** [AM11, BH11, TSK21, WWKK15]. **Proxy** [Raw20]. **PSO** [MM15]. **PSO-based** [MM15]. **publish** [MBCK12]. **publish/subscribe** [MBCK12]. **PUFs** [AA22]. **Pull** [FVCD05]. **Pull-based** [FVCD05]. **Python** [BSG+16].

QMDS [AGM13]. **QoE** [IBCC15]. **QoE-driven** [IBCC15]. **QoS** [MMK21, MB10, SS12, TBMB18, WJH20, YHY05]. **QoS-based** [YHY05]. **quad** [VRV12]. **quad-priority** [VRV12]. **quadrilateral** [AIHA05]. **quadrilateral-object** [AIHA05]. **Qualitative** [HYJ16]. **quality** [SP09, TSK21]. **quantified** [BD14]. **quantitative** [Vre17]. **Quantum** [Luk18, NA06, NA07, AS16, Cor21]. **quasirandom** [Chi09]. **queries** [BD14]. **Query** [uDZD16, AGM13]. **queued** [LLW06]. **queues** [RCSQ09]. **queuing** [VRV12].

R [CMM17]. **R-SETs** [CMM17]. **radial** [CG12]. **radiation** [SR13]. **Raft** [NOdORA20]. **RAM** [NM18]. **random** [BBFN10, GBMB19, Li05, MBB10, SG17, ST11, VSPK18]. **rapid** [HB14]. **rate** [AWGW08, WLWL12]. **rational** [AAAS+13]. **RDF** [LH10]. **re** [CFZ+10, Raw20].

re-encryption [CFZ+10, Raw20]. **Reaction** [SO17, AIHA05]. **reaction-diffusion** [AIHA05]. **readers** [RCS19]. **reading** [XCW13]. **real** [HMW+20, LCG18, PdP18, SN14, TSR20, Wal10]. **real-time** [HMW+20, LCG18, PdP18, TSR20, Wal10]. **Realisation** [KZS21]. **realise** [Pan18]. **Realising** [KF07]. **realization** [FK17]. **rechargeable** [JCL21]. **recognition** [ATARY09, ZYW20]. **recommendation** [AXM+15]. **recommender** [HR21]. **reconfigurable** [ET09, SY07]. **reconfiguration** [LZ07]. **reconstruction** [Gor06, TTS+21, TZG16]. **recording** [EPR06]. **recovery** [DBBC19, SS17]. **rectilinear** [WW05]. **rectilinear-monotone** [WW05]. **recursion** [GWJ09]. **recursive** [FBC+15, LS19, Urr08]. **Redis** [LLZX20]. **Reducing** [WB15, DBBC19, EFBAY18]. **redundancy** [MD13]. **redundant** [MM15, RCS19]. **reenterable** [ZSP22]. **reflected** [AR14]. **Reflections** [Cor21, Nan20, Wat20]. **Reflexion** [NKC18]. **regeneration** [DCL17]. **regional** [DEBF20]. **register** [KLMW10]. **regression** [ATARY09, XZL+20]. **regular** [KLMW10, ZM21b]. **regularization** [TZG16]. **reinforcement** [LWZ08, RSR15]. **related** [FNRV15]. **Relation** [AMV07]. **Relaxing** [LT15]. **Relay** [WW17, CTS+11]. **relay-based** [CTS+11]. **relaying** [WL06, WLWL12]. **relevance** [AZS17]. **relevant** [MM15]. **Reliability** [SZG+20, TSK21, BJ19, MBCK12, SS12]. **Reliability-based** [TSK21]. **Reliable** [YHWZ12, DW05, MJ21, ZMX+13]. **remote** [WQZZ20]. **Remus}** [dSOK17]. **Repetitions** [SY07]. **replication** [Che07, Sin17, SS19, dSOK17]. **replications** [LCG18]. **repositories** [ABF15, AGK+19]. **represent** [ET09]. **Representation** [JMA17]. **Representations** [Kim16]. **representative** [BKWA21]. **repulsive** [TLO19]. **reputation** [VBA12]. **request** [ABMM+12]. **Research** [CYG22, SBC+05]. **reservation** [LZ05]. **reservations** [SCPB09]. **reservoir** [AK18, Kon18]. **resolution** [SR12, TTS+21]. **Resource** [AAK16, DA09, ADL16a, ADL16b, YW11, ZBHOHQ19]. **resource-bounded** [ZBHOHQ19]. **resources** [KBAO19, SCPB09, VBA12]. **response** [BMB+19, CB10, JW22, LAWS14, RCSQ09]. **retinal** [DH20]. **retransmission** [HHY13]. **reveal** [BKWA21]. **reverse** [WLL20]. **reversible** [Sch17]. **Review** [Mot06, FA08, TSR20]. **Revisiting** [Fer06]. **reward** [JW22]. **RFID** [RCS19, WB15]. **RingNet** [WCC05]. **rise** [NZCX21]. **risk** [MAG+19]. **RNA** [Bul16]. **Road** [LW21]. **Road-safety** [LW21]. **robotics** [TLO19]. **robots** [BS17]. **robust** [DSP20, Kar12, MBB10]. **role** [KZWS19]. **route** [WWLW18]. **Routing** [ZYLH09, BB09a, DW05, DB08, DKN10, HBS08, JTZX05, JW06, Li10b, LS13, LGW13, MB10, RGS06, SYLS07, Ste21, SS12, TBMB18, US16, VRVG11, WW05, YHWZ12, YWC09, DA16]. **ruggedness** [Ric18]. **rule** [AMV07]. **RUN** [HGBP19]. **running** [LL08, LZG+20].

s [Höl20, KG20]. **S-boxes** [KG20]. **safe** [GHSR07]. **safety** [BMM12, LW21]. **salesman** [UIN14]. **salesperson** [JS20]. **saltwater** [CS16]. **sampling** [ABS21, GSKD21]. **sandstone** [Saf18]. **satellite** [EFF+19, WQZZ20]. **satisficing** [KT17]. **satisfying** [Che07]. **saving** [CEW+10, MT08]. **scalability** [AA21, HLY11]. **Scalable** [KN15, BRW+15, HR21, JEH09, KTD+19, TV19, WWKK15, YWC09]. **Scale** [Ric18, ABS21, BWHR07, CEW+10, CG12, DH20, FBC+15, HSL10, Suz07]. **Scale-invariance** [Ric18]. **scan** [AAAA16]. **scenarios** [GR07]. **scéne}** [Car18]. **schedule** [DNPT12]. **Scheduling** [Li05,

PL19, CCO19, CH14, DWZ20, EMERF15, EFBPMMOA12, GACdM16, GKB11, GJB15, HMW+20, JZZ11, JWZL13, LLW06, SPBD05, SYLS07, SD07, SCPB09, SMOK06, TSR20, VRV12, WL06, XC12, YWGH13]. **scheme** [AKE13, BMM12, DW05, DSP20, DBBC19, HLP07, LW07, LS13, LZ05, SS17, VRVG11, XC12, YWC09]. **schemes** [LG21, LGW13, uDZD16, SKP13, SRTE09, YWGH13, ZW08, CDF+07]. **Scholarly** [AXM+15]. **science** [Nos18]. **Scientific** [DS09, GWJ09, HSSS09, MSM+12, SHSS09, WCW13, Wat20]. **SDN** [FBC+15]. **Sea** [TB16]. **seamless** [SKZ12]. **search** [ESAA18, FMD+22, GSSR17, LWZ08, LZS+10, Mah11, OT17, Sin17, SMS15, TNTI16]. **searching** [LW07]. **Sec** [dAGG+19]. **second** [MAO19]. **Secure** [SCJM14, LMS16, SK15, TLL21, dAGG+19]. **secured** [VBA12]. **Security** [LMS16, XYC+15]. **Segmentation** [SS13, CML10, DBD11, EMSY12, LZQL21]. **Seismic** [SSZC18, Zha20]. **selection** [AWGW08, JTZX05, MJAT21, VBA12, WW17, WWLW18]. **selective** [Bur21]. **Self** [KKK21, BBFN10, CdO16, CT08, FCL+11, GBMB19, Ila12, KKK+18, ZD19, ZCT07]. **self-adaptive** [CdO16]. **self-configuring** [FCL+11]. **self-excited** [KKK+18]. **self-organisation** [GBMB19]. **self-organised** [Ila12]. **Self-organising** [KKK21]. **self-organizing** [ZCT07]. **self-powered** [ZD19]. **self-stabilizing** [BBFN10, CT08]. **SEM** [SNMSA10]. **semantic** [ABF15]. **semi** [VSB07]. **semi-supervised** [VSB07]. **Senegal** [EFF+19]. **sensing** [AK18, Che06, Kon18, KA12, WQZZ20]. **sensitive** [AK18]. **sensor** [Aba19, AGB10, AKE13, BB09a, Che06, CR13, CH14, CYG22, CSA14, CLM+17, DP09, GHMSR12, HDK05, IA11, JCL21, KKK21, LGW13, LW21, LC19, MPSHH08, NNRS15, NDP12, RG10, SKP13, SS17, SYLS07, SR13, SKZ12, SS12, TBMB18, WS13, XC12, ZSYG18, Zha20, XM10]. **Sentinel** [WQZZ20]. **Sentinel-2** [WQZZ20]. **separation** [HYJ16]. **sequence** [AR14, XFCH08]. **sequence-based** [XFCH08]. **server** [TV20]. **Service** [BH11, AGM13, ABS21, BRW+15, CCLT08, GS11, LX08, MPSHH08, OGD11, TSK21, WBP16, XFCH08]. **service-computing** [LX08]. **service-oriented** [CCLT08, XFCH08]. **Services** [LSB+14, AA21, AM11, RMK+19, WJH20, Zho06]. **session** [HWS08]. **set** [WCW13]. **sets** [IA11, Wac19, CMM17]. **SGI** [Fat10]. **shape** [ABMM+12, JMA17]. **shaped** [DNPT12]. **shapes** [ABMOK10]. **shared** [JTZX05, LR06]. **sharing** [Raw20, YW11]. **Short** [SSS18, JZZ11, RW20]. **short-term** [JZZ11]. **shortest** [US16]. **shrinking** [CML10]. **shuffle** [BJ19]. **shuffle-exchange** [BJ19]. **sieve** [LMS16]. **signal** [Nak14a, Pri17b]. **signals** [SB22]. **Simple** [Nak14b, Bul09, KLMW10, LX08, Vre17]. **Simplified** [LLWZ20]. **Simulation** [HBB+17, NZCX21, XZL+20, BSG+16, CS16, HRR+14, HSSS09, KKK+18, KR17, Nan20, SN14, SPD21, TB16]. **simulations** [BWHR07, LSB+14, WvTB+07, GST07]. **single** [ADL16b, Oga17, SO19, TAO17]. **single-electron** [SO19, TAO17]. **single-molecule** [Oga17]. **single-unit** [ADL16b]. **sink** [ZYM17]. **SIP** [HHY13]. **Siromoney** [IJT+21]. **sized** [KR17]. **skeletons** [GG11]. **skip** [SCK15]. **SLA** [DA09]. **slave** [Miš07]. **slave-slave** [Miš07]. **Sleep** [CH14]. **Sleep-wake** [CH14]. **Sleptsov** [KZS21, SOL21, ZP21]. **Slime** [AP12, AAAS+13, Jon16, MJGA17, SO19]. **slime-mold-inspired** [SO19]. **small** [BPS+11, MJAT21]. **small-instance** [MJAT21]. **Smart** [MMT+15, DTY21, DWZ20, HR21, KR17, LS14, LAWS14, LZ05, MMK21, MCYG13, QK20, RSR15, SCJM14]. **SMRS** [YWC09].

snapshots [WCW11]. **SOAR** [MSM+12]. **Social** [LG21, AXM+15, BRW+15, PWL09]. **socio** [SK18b]. **socio-inspired** [SK18b]. **sockets** [LMS16]. **soft** [SS13]. **soft-computational** [SS13]. **software** [AA21, KTD+19, MJ21, SP09, Yam21a]. **soil** [EFF+19]. **solar** [SSS18]. **soldier** [NGA13]. **solution** [CIM+09, Hu18]. **solutions** [OCV15, RNMQ12]. **solve** [EN16]. **solver** [BCL09, LR06]. **solvers** [KTD+19, GST07]. **solving** [ESAA18, Hu18, LAA13, ZSL22]. **some** [IP08]. **space** [BMB+19, BMPV14, ET09, LZ07]. **space-time** [BMPV14]. **sparse** [BCL09, FHC21, GPZ08, HLP07]. **Spatial** [ZSP22, BTK19, FMD+22, GBMB19, VSB07]. **spatially** [MAG+19]. **Special** [ADOKM10, Ano06, Cho08, FNB11, Guo14, OA17, QK20, RH07, Tra11, VS18b, Xu06, Yu15, ZP21]. **specification** [ZSP22]. **specifying** [SHB17]. **Speech** [ZYW20, ATARY09]. **speed** [LL18, ZSL22]. **speed-up** [ZSL22]. **SPICE** [KKK+18]. **spikes** [PGFA17]. **spiking** [SWW21, XM18]. **splitting** [SJ06, CDF+07]. **stabilizing** [BBFN10, CT08]. **stable** [AGB10, CdO16]. **stable-matching** [AGB10]. **stack** [MRA+06, NM18]. **standard** [CdO16]. **Star** [DSM21]. **starvation** [BPV18]. **starvation-free** [BPV18]. **State** [DA16, EFBAY18, Kon18]. **statements** [Yam21a]. **states** [Mar17]. **static** [KKKK18, SKZ12]. **statistical** [GKST10]. **steering** [Guo06, WvTB+07]. **Steiner** [RGS06]. **steps** [Pri17b]. **stigmergy** [Vre17]. **stimuli** [JMA17, MJGA17]. **stochastic** [MMS+17, NDP12, Oga17, OA17]. **storage** [AGK+19, CFZ+10, MSM+12, Ste21]. **storing** [Raw20]. **strategies** [EILB19, HBS08, RBU13, SS19]. **strategy** [EFBPMMOA12, KT17, PSVK20]. **stream** [LK08, TSR20, YS09]. **stream-based** [YS09]. **streaming** [Aga11, MJGA17]. **string** [Nak14a]. **strips** [ET09]. **Strong** [CKOX16, RW20, SSHM17, ZZ22]. **structural** [GWJ09]. **structure** [CEF+22, DSM21, ET09, SCPB09, Urr08]. **structured** [BMPV14, CFK17]. **Study** [Yam21b, Yam22, GSKD21, LL08, MD13, Mon07, SAN+17, SN14, Ste21, WvTB+07, ZD19]. **style** [SSHM17]. **subjects** [SSS+17]. **submesh** [ABMOK10]. **subscribe** [MBCK12]. **subsequence** [QA07]. **successive** [WW17]. **suites** [MJ21]. **sum** [QA07]. **Super** [ZM21b]. **supercomputers** [WvTB+07]. **superhydrophobicity** [Nos18]. **Supernode** [CS19]. **supervised** [VSB07]. **support** [EN16, GWJ09, MB10, WCY15, XZL+20]. **Supporting** [BD14, AGM13, GS11, LZS+10]. **surface** [Nos18, TB16]. **surveillance** [BS17, TLO19]. **Survey** [AA22, EILB19, MBCK12, uDZD16, SRTE09, SS19]. **Swarm** [DMN21, BPS+11, FHC21, IS14, JCL21, KZWS19, LLWZ20, LZQL21, MS16, PSVK20, SMS15, TLO19]. **Swarm-based** [DMN21, IS14]. **swarms** [NGA13]. **sweep** [KZS21]. **SWEET** [Kon18]. **switched** [AOKK08]. **switches** [LLW06]. **switching** [BJ19]. **Sybil** [HHA21]. **symmetric** [Kim16, Oga17]. **synaptic** [SWW21]. **synchronisation** [SB22]. **synchronising** [AGK+19]. **synchronization** [GR07, KKK+18]. **syndrome** [EG18]. **syndrome-based** [EG18]. **syndromes** [ER14]. **Synergies** [SHSS09]. **synod** [Sk22]. **synthesis** [KZS17]. **synthetic** [BGLB21]. **system** [Aga11, AGM13, AP18, EN16, EG18, EFBPMMOA12, GHSR07, HB14, HR21, HLZ+12, IS14, JW22, JWZL13, LS14, LAWS14, LLZX20, MBCB18, MMS+17, SY07, SN14, SMOK06, WCW13, WB15, WLX21, XFCH08, XYC+15, YHT18, ZMX+13, NZCX21]. **system-level** [EN16, EG18]. **Systemic** [Ben07]. **systems** [ADL16a, ADL16b, ACY05, ADOKM10, BMT19, Ben07, BPV18, Bul09, CZXC06,

CIM+09, CFZ+10, CB10, Dis09, EDN05, ERA07, FFHK19, Fer06, GACdM16, GJB15, GSSR17, Guo14, HYJ16, HLY11, IP08, Ila12, IJT+21, KZWS19, Kim16, Li05, LL08, LZWD15, LMS16, MBCK12, MAO19, MDJ10, PB13, RNMQ12, SB22, SHB17, SEM14, SCK15, SWW21, TP11, Vre17, WCL14, WvTB+07, WCW11, ZP21, ZSL22, Tra11, QK20].

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