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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](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

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**802.11** [MBB10, SCCrL06, SK14].  
 $(4n - 9)/3$  [YYN10]. **0** [ESAA18]. **1**  
[ESAA18, SCK15]. **2**  
[ABMOK10, ABMM<sup>+</sup>12, SNMSA10, SG17,  
SCK15, WW05]. **3** [ABN<sup>+</sup>06, CG12,  
EMSY12, EPR06, VPS14, WL06]. *k*  
[BBFN10, Khe16]. *st* [CT08]. *t* [ERA07].  
**-D** [WW05]. **-diagnosable** [ERA07].  
**-dimensional** [SG17]. **-exclusion**  
[BBFN10]. **-nearest** [Khe16]. **-order**  
[CT08].  
**1** [RCSQ09].  
**Accelerating** [FA08, MUIN13, UIN14].  
**acceleration** [OMKN17, TNTI16].  
**accelerator** [ESAA18, SEM14]. **access**  
[AWGW08, BB09a, CL06, EMERF15,  
MUIN13, YHY05]. **accesses** [ST11].  
**Accuracy** [RCSQ09, DSI11, GST07].  
**Accurately** [HSL10]. **achieving**  
[BWHR07]. **acoustic** [HBB<sup>+</sup>17]. **across**  
[Khe16, RGS06]. **activation** [DBD11].  
**active** [PB13]. **actor** [AGB10]. **actual**  
[OCV15]. **actuators** [Vol17]. **Ad**  
[MB10, AAH08, BBFN10, Che07, DW05,

DB08, IS14, MBB10, RGS06, SCCrL06, SK14, SKZ12, WCW11, YHY05, XM10]. **adaptation** [KN15, MRA<sup>+</sup>06, Suz05]. **Adaptive** [dSOK17, BH11, BMPV14, CdO16, Ila12, OGD11, WLWL12]. **advance** [SCPBO9]. **Advanced** [DA16, SSHM17]. **advances** [Cho08, FNB11]. **advertising** [PRMF17]. **affected** [CB10]. **against** [YM15, ZYM17]. **agent** [FCL<sup>+</sup>11, Jon16, JMA17, KX05, TP11]. **agents** [CL06, CCLT08]. **aggregation** [OJ10, ZPW10]. **aging** [PGL16]. **AGWMS** [CCLT08]. **AI** [SSHM17]. **algorithm** [ADL16a, ADL16b, AAAA16, BCJ06, BBFN10, BS17, CSNB11, CT08, CG12, DA09, DB08, EMSY12, EDN05, ERA07, GACdM16, GKB11, GSSR17, HL16, HRF10, IA11, JZZ11, KLMW10, Khe16, LLW06, Mah11, NDP12, SPBD05, SR12, SMOK06, VSB07, XFCH08, XCW13, YYN10]. **Algorithmic** [LR06, DP09, GG11, GWJ09]. **algorithms** [CSA14, EMERF15, Fer06, JJZ12, Li10a, Li10b, LZ07, MS16, SD07, ZYLH09]. **alike** [KF07]. **allocation** [ABMOK10, ABMM<sup>+</sup>12, DA09]. **along** [LT15]. **Altix** [Fat10]. **ambient** [HBB<sup>+</sup>17]. **ambiguity** [SG17]. **among** [RG10, YW11]. **analysing** [BRW<sup>+</sup>15]. **analysis** [Aba15, ACY05, BH17, BMPV14, CML10, CFK17, CSAAdS15, EdM16, ERA07, GR07, HYJ16, LZ05, SSHM17, SSS<sup>+</sup>17, SKP13, SD07]. **analytic** [OMKN17]. **Analytical** [GS11, LL08, GSSR17]. **Analyzing** [GSSR17]. **Announcement** [Ano15a]. **anomaly** [CSAdS15]. **ant** [AP18, UIN14]. **antennas** [LZ05]. **anticipation** [MJGA17]. **anycast** [JTZX05]. **Application** [EdM16, Fat10, GG11, HSSS09, JWWZ16, Mon07]. **Applications** [Jon16, YR11, AZS17, CWT14, LL08, OGD11, PK07, SK15, SHSS09, Suz05, YW11, dMDBS09]. **Applied** [RH07, MB10]. **approach** [AIN13, AAK16, AOKK08, BH17, ECL<sup>+</sup>14, ER14, GR07, JWZL13, LHIN09, MM15, NNRS15, PB13, PGL16, RSR15, SS13, SMOK06, TAMM15, TP11, VBA12, WS13, YS09]. **approaches** [Che07, DNPT12]. **Approaching** [LX08]. **appropriate** [LC15]. **approximate** [Nak14a]. **approximation** [GACdM16]. **approximations** [RCSQ09]. **aquifer** [CS16]. **architecture** [ABN<sup>+</sup>06, ABF15, CTS<sup>+</sup>11, FBC<sup>+</sup>15, GB08, HLY11, JEH09, KK17, WBP16]. **Architectures** [AZS17, AR14, BMPV14, GPZ08, HYJ16, LR06, SRTE09, TJKY10, Zho06]. **area** [BS17]. **arithmetic** [BP09]. **array** [SY07]. **arrays** [Gor06, PGFA17]. **art** [TNTI16, Gor06]. **artificial** [DSI11, PGFA17]. **ASM** [BPV18]. **ASM-based** [BPV18]. **aspects** [GSSR17, Yu15]. **Assamese** [SS13]. **Assessing** [DNPT12]. **Assessment** [Fat10]. **assignment** [CSNB11, Li10b]. **assignments** [Kim16]. **assisted** [CMM17, PGFA17]. **associative** [SO17, TAO17]. **astroinformatic** [KZS17]. **asymmetric** [SPBD05]. **attacks** [YM15]. **attenuation** [HBB<sup>+</sup>17]. **attributive** [KA12]. **auctions** [KA12]. **augmented** [ACL13, WB15]. **Australian** [AP12]. **authentication** [BMM12]. **automata** [AIHA05, CS16, Mar18]. **automatic** [AMuHK15, EdM16, KZS17]. **automaton** [AS16, CSA14, KF07, Mar17]. **automaton-based** [CSA14]. **autonomic** [Suz05]. **Autonomous** [AGB10, BS17]. **availabilities** [LT15]. **available** [SCCrL06]. **Average** [SK14, CB10]. **avoid** [CFZ<sup>+</sup>10]. **aware** [LK08, RGS06, SS12, TBMB18]. **awareness** [AXM<sup>+</sup>15]. **balancing** [LGW13, XCW13]. **band** [HBB<sup>+</sup>17]. **bandit** [KT17]. **bandwidth** [JZZ11, LK08, SCCrL06]. **bandwidth-efficient** [LK08]. **based** [ADL16a, ADL16b, Aga11, AAAA16,

AGM13, AXM<sup>+15</sup>, BPS<sup>+11</sup>, BBFN10, BPV18, BMM12, CL06, CWT14, CG12, CTS<sup>+11</sup>, CSA14, CSAAdS15, DA09, DD11, EMSY12, EN16, EG18, FVCD05, FK17, GACdM16, GR07, Guo06, HB14, HYJ16, HLZ<sup>+12</sup>, IS14, JTZX05, KMS10, KK17, LS13, LMS16, MM15, MPSHH08, NGA13, RG10, SNMSA10, SHB17, SCJM14, SCCrL06, Sha06, TZG16, VRV12, VBA12, WCY15, WS13, WM09, WM13, XFCH08, XYC<sup>+15</sup>, YS09, YW11, YM15, YHY05, ZKG17, ZPW10, ZYM17, dSOK17]. **basis** [CG12]. **batch** [DNPT12]. **BDI** [CCLT08]. **beacon** [Mis07]. **behavior** [Mon07]. **behaviour** [HHY13, JJZ12, MJGA17, SHB17, dMDBS09]. **behaviours** [Dis09]. **benchmarks** [Fat10]. **Benes** [LZ07]. **Best** [MW08, Xia08, TJKY10]. **better** [JJZ12]. **between** [EFBPMMA12]. **beyond** [NA07]. **big** [Aba15, FNRV15, KZS17, LLCZ16, TAMM15, WWKK15, Yu15]. **bigraphical** [SHB17]. **binarily** [Li05]. **binary** [AR14, AIHA05, EdM16, ESAA18]. **binocular** [EPR06]. **Biocomm** [BB09a]. **Biocomputing** [BH17]. **Bioinspired** [BS17]. **biointerfaces** [AZS17]. **biological** [CLM<sup>+17</sup>]. **Biologically** [Suz05, Wal08]. **Biologically-inspired** [Suz05]. **biomedical** [BB09a]. **Biomorphs** [AS18]. **biosensing** [AZS17]. **biosensor** [SAN<sup>+17</sup>]. **Biosensors** [Vol17]. **bit** [ADL16a, ADL16b]. **bit-vector** [ADL16a, ADL16b]. **black** [KN15]. **black-box** [KN15]. **blocking** [HSL10]. **blocks** [WW05]. **Blood** [JWWZ16]. **Bluetooth** [JJZ12]. **Board** [Ano13, Ano14, Ano15b, Ano16]. **Book** [Mot06]. **Boolean** [Bul09, Bul16, FK17]. **Bounded** [EFBPMMA12]. **bounds** [Che06]. **box** [KN15]. **brain** [EMSY12]. **brief** [uDZD16]. **broadcast** [Che06, RG10, SOKM05]. **Broadcasting** [SKZ12, FVCD05]. **browsing** [PRMF17]. **Bruijn** [CSNB11]. **Brusselator** [Suz07]. **BSP** [GG11, Mar09]. **BSP2OMP** [Mar09].

**buffer** [SMOK06]. **buffered** [VRVG11]. **buffers** [AOKK08]. **Building** [CLM<sup>+17</sup>]. **burnt** [CHJ<sup>+14</sup>, CKOX16]. **bus** [SY07]. **business** [Iha08]. **Byzantine** [KLMW10, Zha16]. **Byzantine-fault-tolerant** [KLMW10].

**C** [BB09b]. **cable** [CR13]. **caches** [ST11]. **caching** [CZXC06]. **call** [TP11]. **call-centre** [TP11]. **cameras** [RP07]. **cancellation** [WB15]. **canonical** [HRR<sup>+14</sup>]. **capture** [Dis09]. **Carlo** [HRR<sup>+14</sup>]. **case** [SAN<sup>+17</sup>, WvTB<sup>+07</sup>]. **cases** [FBC<sup>+15</sup>]. **cash** [SRTE09]. **catalysis** [Wal10]. **catastrophe** [DHRCB10]. **causal** [HRF10, OT17]. **Celebration** [Sto10]. **Cell** [DHRCB10]. **Cell/BE** [DHRCB10]. **cells** [IP08]. **Cellular** [CS16, CSA14, AS16, AIHA05, KF07, Mar17, Mar18]. **cellular-automaton-alike** [KF07]. **centralised** [SR12]. **centre** [TP11]. **centric** [HSSS09]. **CFD** [WvTB<sup>+07</sup>]. **challenge** [SBC<sup>+05</sup>]. **challenges** [CLM<sup>+17</sup>]. **change** [HB14]. **changes** [ABMM<sup>+12</sup>]. **channel** [LZ05]. **channels** [HRF10, HBB<sup>+17</sup>, Li10a]. **Chaos** [MTSA10]. **chaotic** [HHY13]. **character** [TNTI16]. **characterisation** [BPV18]. **characteristics** [Ben07]. **charging** [JWZL13, MCYG13]. **checkpointing** [WM09, WM13, dSOK17]. **checkpoints** [WM09, WM13]. **chemistry** [SO17]. **Cheng** [Ano17]. **chip** [RNMQ12, SNMSA10, TJKY10, VPS14]. **chip-multiprocessor** [RNMQ12]. **CICQ** [LLW06]. **circuit** [TAO17]. **clairvoyant** [SD07]. **Class** [VRV12, GS11]. **Class-based** [VRV12]. **classical** [SBC<sup>+05</sup>, SBC<sup>+06</sup>]. **classification** [KZS17, SSS<sup>+17</sup>]. **classifier** [Bul09]. **clock** [MJGA17]. **cloud** [AAK16, AP18, ECL<sup>+14</sup>, LZWD15, uDZD16, SHB17, Sin17, XYC<sup>+15</sup>]. **cloud-based** [SHB17]. **cloud-hosted** [uDZD16]. **Cluster** [MPSHH08, AKE13, Fat10, Mis07, SRG<sup>+11</sup>, ZMX<sup>+13</sup>]. **Cluster-based** [MPSHH08].

**clustered** [WL06, ZW08]. **clusterheads** [ZW08]. **clustering** [ZPW10]. **CNN** [DD11]. **CNN-based** [DD11]. **co** [BB09a, YWGH13]. **co-design** [BB09a]. **co-scheduling** [YWGH13]. **coastal** [CS16]. **code** [AR14, Fer06]. **codes** [BP09, EdM16]. **coding** [SKP13]. **coevolutionary** [Wal09]. **coexistence** [KK17]. **cognition** [Wal08]. **cognitive** [KT17, Wal10]. **coherence** [ST11]. **collaboration** [TAMM15]. **collective** [HSL10]. **Collision** [NGA13]. **Collision-based** [NGA13]. **colony** [AP18, UIN14]. **combinatorial** [Sto06]. **combined** [LLW06]. **combining** [SHSS09]. **comfort** [WvTB+07]. **communication** [ABMM+12, BB09b, CR13, DA09, EFBPMMOA12, Fer06, HRF10, HSL10, HBB+17, Li10a, MRA+06, Nas10, SOKM05, WCC05, dMDBS09]. **communications** [VPS14, MMT+15]. **communities** [BF06]. **comparison** [Aga11, EN16, SEM14, YYD11]. **comparison-based** [EN16]. **compensators** [GSSR17]. **Compiler** [Mar09]. **complex** [Ila12]. **complexity** [IP08, CDF+07]. **component** [FCL+11]. **component-level** [FCL+11]. **components** [BB09b, CLM+17, PB13]. **composer** [AIHA05]. **composition** [GG11]. **Comprehensive** [Aba15]. **compression** [AAAA16, Sha06]. **compression-based** [AAAA16]. **computation** [Akl14, Ben07, Bul16, LLCZ16, MUIN13, NA06, NA07, Oga17, SK14, SBC+05, SBC+06]. **Computational** [WvTB+07, CDF+07, BMPV14, DCL17, DSI11, FNB11, SS13]. **computations** [BM07, Guo06]. **compute** [IA11]. **computer** [JWWZ16]. **computers** [HL16, CDF+07]. **Computing** [DS09, IP08, LDB+14, NA12, ADOKM10, AAH08, Chi09, ECL+14, FCL+11, GJB15, GWJ09, Jon16, Khe16, Li10c, LC15, LX08, MTW12, MMS+17, MTSA10, NA07, NGA13, OA17, PK07, RH07, SJ17, SHSS09, Sin17, SBC+05, Xu06, XYC+15, YS09]. **Concentric** [WCW13]. **Concurrent** [BCL09, SCK15, YWGH13]. **Conditional** [YYD11, CHJ+14, YZ13]. **Conference** [Xia08]. **configurable** [BF06, JEH09]. **configuring** [FCL+11]. **conjugate** [LR06, SEM14]. **connected** [ABMM+12, IA11, LS13]. **connectivity** [DYZ09, GHMSR12, HH13]. **consensus** [LAA13]. **conservation** [DA16]. **Conserving** [DA16]. **Consistency** [CZXC06, Guo06, HLY11, LT15, RGS06]. **consolidation** [AP18]. **constraint** [CTS+11]. **constraints** [Che07, FVCD05, SMOK06]. **construction** [GKST10]. **consumption** [GHMSR12]. **Context** [MRA+06, DA09]. **contiguous** [ABMOK10]. **control** [ACY05, BB09a, BP09, CL06, EFBPMMOA12, FBC+15, JTZX05, SCJM14, TJKY10, YHY05]. **controllable** [YHY05]. **conundrum** [Wal09]. **Conventional** [Sch17, NA07]. **cooperation** [PWL09, WCL14]. **Cooperative** [AAH08, CZXC06, CWT12, CWT14, WW17]. **core** [AIN13, BMPV14, CIM+09, SEM14]. **cores** [KN15]. **correction** [CWT14]. **COSMOS** [BRW+15]. **Cost** [ECL+14, RSR15, WWKK15]. **cost-efficient** [WWKK15]. **Cost-oriented** [ECL+14]. **count** [CTS+11]. **Counting** [RP07]. **coupled** [MJGA17]. **coverage** [CH14, DP09, LZS+10, NDP12]. **CPS** [GG11]. **CPU** [YW11]. **CPU-** [YW11]. **crab** [NGA13]. **crash** [CB10]. **crash-affected** [CB10]. **Cray** [Fat10]. **creation** [SRG+11]. **criteria** [SR13]. **criterion** [SJ06]. **cross** [BB09a]. **cross-layer** [BB09a]. **crosspoint** [LLW06]. **cruncher** [BCL09]. **cryptographic** [CFZ+10]. **cryptography** [YR11]. **CT** [Gor06]. **cube** [JW06, YYN10]. **cubes** [ACL13, YZ13]. **cuckoo** [GSSR17]. **CUDA** [AMuHK15, AAAA16]. **CUDA-based**

[AAAA16]. **cultures** [CLM<sup>+</sup>17]. **current** [RNMQ12]. **customisable** [WBP16]. **cut** [WS13]. **CVE** [HLY11]. **cyber** [Guo14, JWZL13, WCL14, XYC<sup>+</sup>15]. **cyber-physical** [Guo14, JWZL13, WCL14].

**D** [SNMSA10, ABMOK10, ABMM<sup>+</sup>12, ABN<sup>+</sup>06, CG12, EMSY12, EPR06, VPS14, WW05]. **DAGs** [Li05]. **Data** [Che07, Dje07, Aba15, AGM13, ET09, FNRV15, Khe16, KZS17, LK08, LT15, LLCZ16, MM15, SCPB09, TAMM15, WWKK15, WCW13, ZPW10, Yu15]. **data-set** [WCW13]. **database** [BF06, LH10, OMKN17]. **databases** [BD14, uDZD16]. **DCCLC** [YYD11]. **deadlock** [ADL16a, ADL16b, SR12, WW05]. **deadlock-free** [WW05]. **Decentralised** [GJB15, JWZL13]. **decision** [NNRS15, SJ06]. **Decomposable** [Khe16]. **decomposition** [BB09b]. **defense** [CWT12]. **delay** [CSW11, KMS10, SK14, XC12]. **delegation** [CSW11]. **delivering** [FNRV15]. **delivery** [IBCC15]. **Delta** [VRV12]. **demand** [BRW<sup>+</sup>15, LAWS14]. **Dependable** [LHIN09, Dis09]. **deployment** [NDP12, OCV15]. **describing** [BB09b]. **Design** [Li10a, Mis07, TAO17, BB09a, HSSS09, Mah11, SR13]. **designs** [AAAA16]. **destination** [WS13]. **destination-based** [WS13]. **detection** [ADL16a, ADL16b, AKE13, BCJ06, CB10, CSAoS15, ERA07, HB14, IS14, NNRS15, SY07, SS17, SR12, SR13, WS13]. **detector** [LAA13]. **Determining** [LC15]. **deterministic** [SCK15]. **detouring** [LGW13]. **Developing** [SP09]. **development** [Fre16, PB13, SAN<sup>+</sup>17]. **diagnosability** [YYD11]. **diagnosable** [EDN05, ERA07]. **diagnosis** [ER14, EN16, EG18, HL16, YYN10]. **DIBS** [JZZ11]. **different** [LT15, RGS06, Vre17]. **differentiation** [JZZ11]. **diffusion**

[AIHA05, SO17]. **digital** [BDT07]. **dilated** [LZ07]. **dilemma** [AS16]. **dimensional** [BM07, KN15, SG17]. **dimensions** [LT15]. **direction** [LS13]. **direction-based** [LS13]. **discovery** [MPSHH08]. **discrete** [Nak14a, Vre17]. **disjoint** [US16]. **dispersion** [CSA14]. **disruption** [DKN10]. **dissected** [OJ10]. **dissemination** [LK08]. **distance** [MUI13]. **Distributed** [LGW13, SRTE09, WCW11, XCW13, AKE13, BD14, COZ08, DB08, DP09, FNB11, GACdM16, GPZ08, Guo06, HLZ<sup>+</sup>12, IS14, JJZ12, Kim16, KX05, LMS16, LC15, MDJ10, PB13, SN14, SCK15, SR12, SMOK06, WBP16, WvTB<sup>+</sup>07, Xu06, YS09]. **distribution** [GSSR17, HWS08, RCSQ09]. **distributions** [CdO16]. **dividing** [CML10]. **Divisible** [SMOK06]. **domain** [BB09b]. **dominating** [IA11]. **DOT** [LLCZ16]. **Drawing** [ZKG17]. **driven** [GKB11, IBCC15]. **dual** [JZZ11, JW06, YZ13]. **dual-cube** [JW06]. **dual-cubes** [YZ13]. **dynamic** [AP18, CFQS12, Dis09, SPBD05]. **dynamical** [ACY05, Bul09]. **dynamically** [BF06]. **dynamics** [KPK13, MJGA17, SN14].

**eager** [RBU13]. **eavesdroppers** [ZYM17]. **Eddie** [Ano17]. **edge** [HH13]. **Editor** [Xia08]. **Editorial** [ATA07, ADOKM10, Ano05, Ano09, Ano13, Li10c, Sto10, Sto15, Ano14, Ano15b, Ano16]. **effect** [ABMM<sup>+</sup>12, ACY05, SG17, Vre17, WB15]. **Efficacy** [OT17]. **efficiency** [RCSQ09]. **Efficient** [DBD11, DA16, RNMQ12, AKE13, BCJ06, CR13, HRF10, HDK05, IS14, LK08, MUI13, MBB10, SK15, SKP13, SCPB09, TBMB18, VSB07, VBA12, WWKK15, XC12, YHWZ12]. **effort** [TJKY10]. **eigensolver** [GPZ08]. **elastic** [SHB17]. **Electric** [MCYG13, JWZL13, MMS<sup>+</sup>17, Oga17].

**electrical** [Vol17]. **electron** [TAO17]. **electronic** [SRTE09]. **element** [BWHR07, BM07]. **embedded** [GHSR07]. **emergence** [MJGA17]. **emergent** [KF07]. **emerging** [OA17, Wal09]. **empirical** [SD07]. **emulated** [GST07]. **emulated-** [GST07]. **emulation** [DV08]. **enabled** [BMM12, Miš07]. **enabling** [AAH08]. **encoding** [AAAA16]. **encounter** [CWT14]. **encoder-based** [CWT14]. **encryption** [CFZ<sup>+</sup>10]. **end** [SK14]. **end-to-end** [SK14]. **Energy** [AKE13, CR13, HDK05, ZPW10, AZS17, Che06, DA16, GHMSR12, MT08, MBB10, RSR15, SKP13, TBMB18, XC12, DA16]. **Energy-efficient** [AKE13, CR13]. **Energy-optimal** [ZPW10]. **energy-saving** [MT08]. **Enhanced** [CSW11, LL08, WM09]. **enhancement** [WLWL12]. **enhancing** [LMS16]. **enriched** [BDT07]. **ensemble** [HRR<sup>+</sup>14]. **ensembles** [CMM17]. **Entropy** [SN14]. **environment** [AZS17, HSSS09, SRG<sup>+</sup>11, SMS15]. **environmental** [JMA17]. **environments** [AAH08, AAK16, ATARY09, Chi09, LC15, Nas10, SCJM14, SPBD05]. **enzymatic** [Pri17b]. **enzyme** [FK17]. **enzyme-based** [FK17]. **EOMP** [MDJ10]. **epigenetic** [Wal10]. **Erlang** [Kar12]. **Error** [BP09, CWT14]. **estimation** [BPS<sup>+</sup>11]. **Euclidean** [MUIN13]. **evaluation** [AP12, ADOKM10, GS11, Li10a, Li10b, Mah11, SCCrL06, SEM14, TAO17, VRVG11]. **evaluations** [MS16]. **events** [Iha08]. **Eventually** [CB10]. **evolution** [Bul16, OCV15]. **Evolutionary** [KZS17, CdO16, ERA07]. **exactly** [MDJ10]. **exclusion** [BBFN10, DB08]. **execution** [EdM16, HLZ<sup>+</sup>12]. **exhaustive** [SMS15, TNTI16]. **experiences** [PK07]. **Experimental** [Aga11]. **experiments** [CEW<sup>+</sup>10, FBC<sup>+</sup>15]. **explained** [Akl16]. **Exploiting** [MT08]. **Exploration** [AMuHK15]. **exponential** [RCSQ09]. **expression** [MM15]. **expressions** [Pri17b]. **Extending** [CdO16]. **extensible** [GB08]. **extension** [BSG<sup>+</sup>16, CTS<sup>+</sup>11, GHSR07]. **Extra** [HH13]. **Extracting** [dMDBS09]. **Extraction** [Iha08]. **eye** [EPR06]. **failure** [LAA13]. **Fair** [EMERF15, TJKY10, VRV12]. **fake** [ZYM17]. **fake-message** [ZYM17]. **families** [JWWZ16, Mar18]. **Fast** [BPS<sup>+</sup>11, LZ07, HL16, LC15, XCW13]. **Fault** [DYZ09, ER14, US16, WW05, ZW08, ECL<sup>+</sup>14, ERA07, EN16, EG18, JW06, KLMW10, LL08, NNRS15, SS17, YZ13, Zha16]. **Fault-tolerance** [ZW08]. **Fault-tolerant** [US16, WW05, JW06]. **faults** [ACL13, EDN05]. **FDFM** [AIN13]. **FDR** [SS17]. **federated** [FBC<sup>+</sup>15]. **feed** [Sha06]. **feed-forward** [Sha06]. **FELIX** [FBC<sup>+</sup>15]. **FEM** [GST07]. **FET** [KK17]. **file** [AGM13, HLZ<sup>+</sup>12, WCW13, ZMX<sup>+</sup>13]. **filtering** [LK08, Pri17b]. **Finding** [QA07]. **fingerprint** [TZG16]. **fingerprint-based** [TZG16]. **finite** [AOKK08, BWHR07, BM07, CB10, VRVG11]. **finite-buffered** [VRVG11]. **Flexible** [CTS<sup>+</sup>11, XC12]. **flooding** [MD13]. **flow** [BM07, TJKY10]. **fluidic** [FK17]. **FMSLPP** [ZYM17]. **folksonomy** [AXM<sup>+</sup>15]. **forecast** [TB16]. **forecasting** [XFCH08]. **forensic** [BH17]. **formal** [Wal08]. **forward** [Sha06]. **forwarding** [CSW11]. **FPGA** [AIN13, CFZ<sup>+</sup>10]. **FPGA/ASIC** [CFZ<sup>+</sup>10]. **FPGAs** [ET09]. **framework** [BSG<sup>+</sup>16, DP09, FBC<sup>+</sup>15, KX05, MSM<sup>+</sup>12, TZG16]. **frameworks** [AM11]. **free** [BPV18, ET09, WW05]. **frequencies** [MJGA17]. **frequent** [LC15]. **fully** [WM13]. **function** [DBD11, OT17, TAMM15]. **functions** [CG12]. **future** [AZS17]. **G** [WL06]. **GaAs** [KK17]. **GaAs-based** [KK17]. **Gait** [SSS<sup>+</sup>17]. **game** [AAK16, EG18, OT17]. **GarQ** [SCPB09].

**gates** [Pri17b, Sch17]. **gateway** [KMS10]. **gateway-based** [KMS10]. **gaze** [EPR06]. **GCA** [JEH09]. **GCC** [Xia08]. **gene** [MM15]. **general** [BCL09]. **generalised** [DYZ09, SR12, YYN10]. **Generalized** [YMLC07]. **generation** [AR14, BH11, Fer06]. **generations** [Chi09]. **generator** [TNTI16]. **Generic** [GWJ09, HSSS09]. **Genetic** [Sin17, Bul09, EDN05, GKB11, SMOK06]. **Genetic-variable** [Sin17]. **genomic** [FNRV15]. **geographic** [LS13, LGW13]. **geometric** [DKN10]. **Getting** [DV08]. **Global** [KMS10, CEW<sup>+</sup>10, JW06, MJGA17, SG17, ZYM17]. **Gnutella** [HWS08]. **Google** [GB08]. **governing** [SN14]. **GPU** [ADL16a, ADL16b, BCL09, MUI13, TNTI16, UIN14, YW11]. **GPU-based** [ADL16a, ADL16b, YW11]. **GPU-LMDDA** [ADL16a]. **GPU-OSDDA** [ADL16b]. **GPUs** [DD11, Nak14b]. **gradient** [LR06, SEM14]. **grand** [SBC<sup>+</sup>05]. **graph** [AGM13, MM15]. **graph-theoretic** [MM15]. **graphics** [ABN<sup>+</sup>06, CIM<sup>+</sup>09, HRR<sup>+</sup>14]. **graphs** [CFQS12, CHJ<sup>+</sup>14, CKOX16, YYD11]. **Gray** [AR14]. **grey** [DBD11]. **grey-level** [DBD11]. **grid** [BH11, DA09, HB14, HLZ<sup>+</sup>12, MCYG13, OGD11, SCJM14, SS17, SRG<sup>+</sup>11, SCPB09, VBA12, ZPW10, COZ08, GB08, PK07, Tra11]. **grid-based** [DA09, ZPW10]. **grids** [BWHR07, DSI11, GKB11, KR17, LAWS14, LSB<sup>+</sup>14]. **Gridscape** [GB08]. **Group** [LK08, WCC05]. **Group-aware** [LK08]. **groups** [Kim16]. **guard** [LZ05]. **Guest** [Li10c, Xia08]. **guide** [Bul16, HSSS09].

**Hadoop** [WCW13]. **Hamiltonian** [DYZ09]. **Hamiltonian-connectivity** [DYZ09]. **Hamiltonicity** [DYZ09]. **handoff** [LZ05]. **Hardware** [ESAA18, KF07, OA17, GST07]. **hardware-oriented** [GST07]. **harmony** [ESAA18]. **hats** [ZKG17]. **healthy** [SSS<sup>+</sup>17].

**heap** [GACdM16]. **heterogeneous** [Chi09, DNPT12, GACdM16, MS16, MT08, MPSSH08, Nas10, SPBD05, SS12]. **heuristic** [Li10b, Mah11]. **Hierarchical** [BWHR07, EMSY12, MS16, HLY11, Nas10]. **Hierarchical-based** [EMSY12]. **hierarchy** [WCC05]. **High** [KR17, ECL<sup>+</sup>14, HL16, LZS<sup>+</sup>10, LH10, SNMSA10, SP09, SHSS09]. **High-performance** [KR17, SNMSA10, SHSS09]. **Highly** [ZMX<sup>+</sup>13, DW05, SKZ12, Wal08]. **Hilbert** [HLP07]. **Hilbert-order** [HLP07]. **history** [CL06]. **HMM** [EMSY12]. **hoc** [AAH08, BBFN10, Che07, DW05, DB08, IS14, MBB10, RGS06, SCCrL06, SK14, SKZ12, YHY05, WCW11, XM10, MB10]. **homogeneous** [GACdM16]. **honeycomb** [ZYLH09]. **hop** [CTS<sup>+</sup>11]. **hop-count** [CTS<sup>+</sup>11]. **Hopfield** [ER14]. **host** [DSI11]. **hosted** [uDZD16]. **HPC** [ECL<sup>+</sup>14, MSM<sup>+</sup>12]. **HPRD** [LH10]. **hub** [RSR15]. **human** [JWWZ16]. **human-computer** [JWWZ16]. **hybrid** [BWHR07, JWWZ16, LW07, SS13, SPBD05, WCL14, XFCH08, YWGH13]. **hydro** [HBB<sup>+</sup>17]. **hyper** [RCSQ09]. **hyper-exponential** [RCSQ09]. **hyperbolic** [Mar18]. **hypercube** [HH13]. **hypercube-like** [HH13]. **hypercubes** [US16]. **hypergraph** [MTW12]. **Hypothesis** [NNRS15, HB14].

**I/O** [RBU13]. **IDA\*** [Mah11]. **identical** [DNPT12]. **identifier** [HYJ16]. **identifier/locator** [HYJ16]. **identifying** [EDN05, MM15]. **identity** [BMM12]. **identity-based** [BMM12]. **IEEE** [AWGW08, MBB10, SCCrL06, SK14]. **IFR** [LL08]. **II** [GB08, SBC<sup>+</sup>06]. **image** [CMM17, DBD11, DD11, Gor06, KF07]. **images** [AIHA05]. **IMAKA** [SK15]. **IMAKA-Tate** [SK15]. **impact** [HBS08, YW11]. **implement** [CCLT08]. **Implementation** [KK17, AIN13, AAAA16,

BCL09, GG11, SSHM17, SO17]. **implementations** [Nak14a]. **implemented** [NGA13]. **Implementing** [Kar12, LAA13]. **implications** [NA12]. **Improve** [PWL09, RBU13, SS12, YWGH13]. **improved** [KMS10, SR12]. **Improvement** [ATARY09, IBCC15]. **Improving** [CWT14, DSI11, HLY11]. **in-memory** [OMKN17]. **incentive** [WCL14]. **incentives** [KA12]. **incident** [MJGA17]. **increasing** [LT15]. **indexing** [Urr08]. **Indoor** [WvTB+07, LS14, SK15]. **information** [CSAdS15, JW06, NA06]. **informed** [WM13]. **infrastructure** [FK17]. **initial** [SBC+06]. **input** [LLW06]. **input-crosspoint-queued** [LLW06]. **inspired** [Suz05, Wal08]. **Insulin** [SAN+17]. **insurgent** [Ila12]. **integral** [RNMQ12]. **integrated** [BRW+15, KX05, LHIN09]. **Integrating** [CFZ+10]. **integration** [CLM+17, GB08, KMS10, LDB+14]. **Intel** [EdM16]. **intelligence** [SMS15]. **intelligent** [LWZ08]. **interacting** [Ben07]. **Interactive** [KPK13, WvTB+07]. **interconnection** [GS11, HL16, Miš07, QA07, VRVG11]. **intermittently** [LS13]. **internal** [VRVG11]. **internal-priority** [VRVG11]. **Internet** [HYJ16, OCV15, WCC05, Zho06]. **interpreter** [DD11]. **interval** [JZZ11]. **intree** [DNPT12]. **intree-shaped** [DNPT12]. **Introduction** [Xia08]. **intrusion** [CS16, IS14]. **investigation** [Suz07]. **ionising** [SR13]. **IPv6** [WCY15]. **IPv6-based** [WCY15]. **ISRL** [LWZ08]. **Issue** [ADOKM10, Yu15, Ano06, Cho08, FNB11, Guo14, OA17, RH07, Tra11, Xu06]. **issues** [FNRV15, IP08, Miš07].

**job** [HLZ+12]. **Journeys** [SBC+05, SBC+06].

**kernel** [BMPV14]. **Kinect** [KPK13]. **knapsack** [ESAA18, RNMQ12]. **knowledge** [ABF15]. **KpyrRec** [Urr08].

**landscape** [Aba15]. **language** [AGM13, DD11]. **languages** [SHSS09]. **large** [BWHR07, CEW+10, EDN05, FBC+15, JWZL13]. **large-scale** [CEW+10, FBC+15]. **Lattice** [PGL16]. **law** [GKST10]. **layer** [BB09a, LMS16]. **layer-based** [LMS16]. **layout** [WCW13]. **Learning** [ZCT07, Bul09, LWZ08, RSR15, SSS+17, VSB07]. **level** [DBD11, EN16, EG18, FCL+11]. **libraries** [BDT07]. **library** [HSSS09]. **library-centric** [HSSS09]. **lifetime** [CTS+11, HWS08]. **light** [DA09]. **like** [HH13]. **limitations** [OCV15]. **limited** [JW06]. **limited-global** [JW06]. **limits** [NA07]. **linear** [BCL09, CIM+09, GKB11, SY07, SMOK06, ZCT07]. **Linearly** [ACL13]. **Link** [DA16]. **list** [SCK15]. **Listing** [Sto06]. **LMDDA** [ADL16a]. **load** [DSI11, LGW13, SMOK06, XCW13]. **load-balancing** [XCW13]. **local** [IA11, TNTI16, YHY05]. **location** [LS14, YM15, ZYM17]. **location-based** [YM15]. **location-tracking** [LS14]. **logic** [FK17, KK17, Pri17b, Sch17, ZKG17]. **logs** [Iha08]. **long** [LL08]. **long-running** [LL08]. **loss** [IBCC15]. **low** [SNMSA10]. **low-power** [SNMSA10]. **Lower** [Che06].

**M** [RCSQ09]. **MAC** [BB09a]. **machine** [AP18, LZWD15, Nak14a, Nak14b, SSS+17, Wal08, dSOK17]. **machines** [EN16, Fat10, FA08, Wal09, Wal10, YWGH13]. **macromolecular** [MMS+17]. **Maeda** [PGFA17]. **Maeda-Makino** [PGFA17]. **mahjong** [SSHM17]. **Makino** [PGFA17]. **Managed** [OMKN17]. **management** [AGM13, COZ08, GR07, Kar12, KX05, TP11, XYC+15]. **managing** [ABF15]. **MANET** [IS14, CZXC06, DA16, HBS08]. **MANETs** [YHWZ12]. **manifolds** [ZCT07]. **many** [ACL13, SYLS07]. **many-to-one** [SYLS07]. **map** [MUIN13]. **mapping** [CCLT08, CWT12, CWT14, HYJ16]. **Maps** [GB08]. **markers** [MM15]. **massive**



[HSL10]. **massively**  
 [BSG<sup>+</sup>16, JEHO9, KF07, SEM14]. **Matching**  
 [CHJ<sup>+</sup>14, AGB10, CKOX16, DYZ09,  
 Nak14a, SMS15, YMLC07]. **matrices**  
 [HLP07]. **matrix** [WCW13]. **Maximal**  
 [ET09]. **maximisation** [AAK16, NDP12].  
**maximizing** [WW17]. **maximum** [QA07].  
**measuring** [HSL10]. **mechanism**  
 [Bul16, HHY13, LGW13, TJKY10, WCL14,  
 ZMX<sup>+</sup>13]. **media** [BRW<sup>+</sup>15]. **mediated**  
 [JMA17]. **medium** [BB09a, YHY05].  
**membrane** [IP08]. **memory**  
 [AS18, EMERF15, GPZ08, LR06, MUIN13,  
 Nak14a, Nak14b, OMKN17, SO17, TAO17].  
**memristors** [Vol17]. **mesh**  
 [ABMOK10, ABMM<sup>+</sup>12, Aga11, CG12,  
 DV08, LHIN09, SNMSA10, ZW08].  
**mesh-based** [Aga11, SNMSA10].  
**mesh-connected** [ABMM<sup>+</sup>12]. **meshes**  
 [RGS06, WW05, ZYLH09]. **mesoscopic**  
 [Suz07]. **message**  
 [Fer06, SCK15, ZMX<sup>+</sup>13, ZYM17].  
**message-passing** [Fer06, ZMX<sup>+</sup>13].  
**messages** [BMM12]. **meta** [GKB11, YS09].  
**meta-pipeline** [YS09]. **meta-scheduling**  
 [GKB11]. **metadata** [AGM13]. **metatypes**  
 [GHSR07]. **Method** [CCLT08, CML10].  
**metric** [SJ06]. **metrics** [MB10].  
**microblogging** [Fre16]. **microsensor**  
 [ZPW10]. **middleware**  
 [ABN<sup>+</sup>06, COZ08, LDB<sup>+</sup>14]. **migration**  
 [LL08, LZWD15]. **migration-enhanced**  
 [LL08]. **Min** [GACdM16]. **Min-heap-based**  
 [GACdM16]. **miner** [Mon07]. **Minimising**  
 [GHMSR12]. **minimum** [Che06, XC12].  
**mining** [AMV07, Dje07, LC15]. **mixed**  
 [GST07]. **mixed-precision** [GST07].  
**MMPP** [RCSQ09]. **MMPP/M/1**  
 [RCSQ09]. **mobile**  
 [ABN<sup>+</sup>06, AM11, BF06, CZXC06, CL06,  
 CSA14, CFK17, DB08, HDK05, IS14, KX05,  
 LS13, LZ05, MDJ10, Sin17, SKZ12, TZG16,  
 WCC05, WL06, WCL14, Xu06]. **Mobility**  
 [WCY15, GHMSR12, RGS06].

**mobility-aware** [RGS06]. **model**  
 [AGM13, Ben07, COZ08, CH14, DCL17,  
 DA16, GS11, JEHO9, JW06, JMA17,  
 LLCZ16, MTW12, SHB17, SR12, WM09,  
 WM13, XFCH08, YYD11]. **model-based**  
 [AGM13, WM09, WM13]. **Modeling**  
 [Sha06, HBB<sup>+</sup>17, Pri17b]. **Modelling**  
 [HHY13, Ila12, Nas10, ST11, VRVG11,  
 YS09, AAK16, AOKK08, DHRCB10,  
 PGL16, SOKM05]. **models** [FNB11, Iha08,  
 KN15, Nak14a, Nak14b, RGS06, Wal08].  
**modern** [SEM14]. **modified**  
 [BPS<sup>+</sup>11, ER14, GSSR17]. **Modulation**  
 [SG17, SKP13]. **molecular** [Oga17].  
**molecule** [Oga17]. **Monetary** [KA12].  
**monitoring** [GB08, HB14, XFCH08].  
**monotone** [WW05]. **Monte** [HRR<sup>+</sup>14].  
**most** [DV08, MM15]. **motion**  
 [BPS<sup>+</sup>11, Vre17]. **motorways**  
 [AP12, AAAS<sup>+</sup>13]. **mould**  
 [AP12, AAAS<sup>+</sup>13, Jon16, MJGA17]. **movie**  
 [Mon07]. **MRI** [EMSY12]. **Multi**  
 [AP18, JTZX05, ADL16a, AWGW08,  
 BMPV14, CG12, DW05, DB08, ERA07,  
 GS11, GSSR17, Jon16, JMA17, KLMW10,  
 KN15, KA12, LZS<sup>+</sup>10, MTW12, ST11,  
 SHSS09, SEM14, TP11, WBP16, YWC09].  
**multi-agent** [Jon16, JMA17, TP11].  
**multi-attributive** [KA12]. **multi-class**  
 [GS11]. **multi-core** [BMPV14, SEM14].  
**multi-cores** [KN15]. **multi-dimensional**  
 [KN15]. **Multi-objective** [AP18, MTW12].  
**multi-paradigmatic** [SHSS09]. **multi-path**  
 [DW05, YWC09]. **multi-processor**  
 [ERA07]. **multi-rate** [AWGW08].  
**multi-routing** [DB08]. **multi-scale** [CG12].  
**Multi-shared-trees** [JTZX05].  
**multi-tenant** [WBP16]. **multi-tree**  
 [LZS<sup>+</sup>10]. **multi-type** [GSSR17].  
**multi-unit** [ADL16a]. **multi-versioned**  
 [ST11]. **multi-writer** [KLMW10].  
**Multicast**  
 [RGS06, HRF10, JTZX05, MDJ10, YHWZ12].  
**multicomputer** [SOKM05].

**multicomputers** [ABMOK10, ABMM<sup>+</sup>12]. **multicore** [AR14, EMERF15]. **multidimensional** [Urr08]. **multihop** [Li10a]. **Multimedia** [BDT07, Dje07, GR07]. **multiphysics** [BSG<sup>+</sup>16]. **multiple** [BBFN10, GSSR17, IA11, Li10a, YW11, ZCT07]. **multiplication** [HLP07]. **multiprocessor** [RNMQ12]. **multistage** [GS11, VRVG11]. **multithreaded** [Mah11]. **MUSIG** [DBD11]. **mutual** [DB08].

**nano** [AZS17]. **nano-biointerfaces** [AZS17]. **nanowire** [KK17]. **nation** [KR17]. **nation-sized** [KR17]. **native** [GST07]. **native-** [GST07]. **natural** [Ben07]. **Navigation** [Mar18]. **nearest** [Khe16]. **neighborhood** [Sin17]. **neighbours** [Khe16]. **net** [GR07]. **net-based** [GR07]. **network** [AKE13, CTS<sup>+</sup>11, DKN10, ER14, EPR06, HL16, KX05, KK17, LZS<sup>+</sup>10, Sha06, SR13, SO17, SS12, Suz05, TJKY10, TAMM15, WL06, WCW11, Li10c, MMT<sup>+</sup>15]. **network-on-chip** [TJKY10]. **networked** [ADOKM10, EFBPMMOA12, Pri17b]. **Networking** [FNRV15, Yu15]. **Networks** [Ano06, AIN13, AGB10, AOKK08, BB09a, BBFN10, Bul09, Bul16, CFQS12, CSNB11, Che06, Che07, CSW11, CR13, CH14, Cho08, CSA14, CFK17, CLM<sup>+</sup>17, DW05, DB08, DP09, DV08, DYZ09, DSI11, GS11, GKST10, GHMSR12, HH13, HDK05, Ila12, IS14, IA11, JJZ12, LW07, LWZ08, Li10a, Li10b, LS13, LGW13, LZ05, LZ07, LHIN09, MT08, MD13, MPSSH08, MBB10, Miš07, NNRS15, NDP12, PWL09, QA07, RG10, SNMSA10, SCCrL06, SK14, SOKM05, SKP13, SS17, SYLS07, SKZ12, TBMB18, VRVG11, Vol17, WWKK15, WLWL12, WW17, WS13, XC12, YMLC07, YYN10, YM15, YHY05, ZCT07, ZPW10, ZW08, VRV12, XM10]. **networks-on-chip** [SNMSA10]. **neural** [AIN13, DSI11, ER14, EPR06, SO17]. **neuron** [PGFA17]. **next** [BH11]. **next-generation** [BH11]. **Neyman** [SR13]. **NFS** [RBU13]. **NFV** [TAMM15]. **No** [LAWS14]. **node** [SCCrL06, US16, WCL14, XC12]. **node-based** [SCCrL06]. **node-disjoint** [US16]. **nodes** [EFBPMMOA12, LC15]. **Noise** [CMM17, PGFA17, HBB<sup>+</sup>17, KK17, ZKG17]. **Noise-assisted** [PGFA17]. **noise-based** [ZKG17]. **noise-coexistence** [KK17]. **noisy** [ATARY09]. **Non** [Oga17, LLW06, MM15, SBC<sup>+</sup>05, SBC<sup>+</sup>06]. **non-classical** [SBC<sup>+</sup>05, SBC<sup>+</sup>06]. **non-redundant** [MM15]. **Non-symmetric** [Oga17]. **non-uniform** [LLW06]. **nonblocking** [HSL10]. **Nonlinear** [MMS<sup>+</sup>17]. **nonparametric** [ATARY09]. **nonsymmetric** [GPZ08]. **Nonuniversality** [Akl16]. **normal** [SSS<sup>+</sup>17]. **Novel** [TAMM15, JWWZ16, MM15, SNMSA10, VRVG11, WCC05, WCL14]. **NSF** [Fat10]. **NUMA** [KN15]. **number** [BCL09, Chi09, LC15, WW17]. **numerical** [LSB<sup>+</sup>14, PGL16].

**O** [RBU13]. **Object** [DS09, AIHA05]. **Object-Oriented** [DS09]. **objective** [AP18, GSSR17, MTW12]. **objects** [Sto06]. **obstacles** [OCV15]. **on-chip** [VPS14]. **once** [MDJ10]. **one** [SYLS07]. **online** [JWZL13]. **ontologies** [BDT07]. **OpenCL** [KPK13]. **OpenCOPI** [LDB<sup>+</sup>14]. **OpenMP** [Mar09]. **operating** [GHSR07]. **operation** [LT15, MCYG13]. **operational** [RSR15]. **operations** [FK17, HSL10]. **operators** [TAMM15]. **opportunistic** [TBMB18, YHWZ12]. **Opteron** [Fat10]. **Optical** [WWKK15, Li10b, LZ07]. **Optimal** [Nak14a, SR13, ZPW10]. **Optimisation** [HLZ<sup>+</sup>12, YWGH13, AMuHK15, BPS<sup>+</sup>11, CEW<sup>+</sup>10, SJ17, UIN14]. **optimisations** [LSB<sup>+</sup>14]. **Optimised** [DA16, SMS15, DBD11, VPS14]. **Optimising** [RSR15]. **Optimistic**

[Zha16, Guo06]. **optimization** [MS16]. **optimizations** [LR06]. **optimized** [Pri17b]. **optimum** [SYLS07]. **OptiMUSIC** [DBD11]. **orchestration** [FBC<sup>+</sup>15]. **order** [CT08, HLP07]. **ordering** [HRF10]. **organised** [Ila12]. **organization** [HDK05]. **organizing** [ZCT07]. **Oriented** [DS09, CCLT08, ECL<sup>+</sup>14, LLW06, XFCH08, GST07]. **oscillator** [MJGA17]. **OSDDA** [ADL16b]. **Out-of-core** [CIM<sup>+</sup>09]. **overhead** [HSL10, ST11]. **overlay** [LZS<sup>+</sup>10]. **overlays** [CFK17].

**P** [LLCZ16]. **P-DOT** [LLCZ16]. **p2p** [MD13, LW07, LZS<sup>+</sup>10, Tra11]. **packet** [IBCC15, SYLS07]. **packets** [MJGA17]. **padfem** [BM07]. **page** [CML10]. **pancake** [CHJ<sup>+</sup>14, CKOX16]. **paper** [AXM<sup>+</sup>15]. **Papers** [Xia08, MW08]. **paradigm** [YHY05]. **paradigmatic** [SHSS09]. **Parallel** [AR14, BM07, Chi09, DHRCB10, Gor06, HRR<sup>+</sup>14, Mah11, PK07, AAAA16, BCJ06, BPS<sup>+</sup>11, BSG<sup>+</sup>16, BB09b, EMSY12, EDN05, FNB11, JEH09, KF07, Li05, Li10c, MTW12, RNMQ12, RH07, Sha06, SEM14, SMS15, Sto06, Wal08, dMDBS09, CDF<sup>+</sup>07, DS09, HSSS09]. **Parallel/High** [DS09]. **parallelisation** [BMPV14, EdM16]. **parallelism** [ACY05]. **parameter** [SN14]. **parking** [LS14]. **Partial** [EG18, ER14]. **partially** [ET09, SD07]. **participatory** [KA12]. **particle** [BPS<sup>+</sup>11, KPK13, MS16, Vre17]. **partitionable** [Li05]. **partitioned** [Khe16]. **Partitioning** [AM11, MTW12]. **passing** [Fer06, SCK15, ZMX<sup>+</sup>13]. **Path** [CL06, DW05, EdM16, YWC09]. **Path-history-based** [CL06]. **paths** [US16]. **patterns** [LC15, MJGA17, PRMF17]. **Pearson** [SR13]. **peeking** [LAWS14]. **Peer** [OJ10, Aga11, CZXC06, CFK17, Fre16, LWZ08, PWL09]. **Peer-to-peer** [OJ10, Aga11, CZXC06, CFK17, Fre16, LWZ08]. **ASIC** [CFZ<sup>+</sup>10]. **BE** [DHRCB10]. **High** [DS09]. **locator** [HYJ16]. **subscribe** [MBCK12]. **WLAN** [KMS10]. **pentagrid** [Mar17]. **people** [RP07]. **percolation** [PGL16, RG10]. **percolation-based** [RG10]. **PercolationNET** [LZS<sup>+</sup>10]. **perfect** [CB10]. **Performance** [ADOKM10, BMPV14, CFK17, DS09, ERA07, Li10b, LZ05, RG10, SOKM05, SKP13, SEM14, YW11, GST07, ABMM<sup>+</sup>12, BWHR07, ECL<sup>+</sup>14, GS11, HL16, HLZ<sup>+</sup>12, HBS08, KMS10, KR17, Li10a, LMS16, LH10, Mah11, Miš07, RBU13, SNMSA10, SHSS09, VRVG11, Zho06]. **performance-evaluation** [GS11]. **performances** [Nas10]. **periodic** [MJGA17]. **personal** [FCL<sup>+</sup>11]. **personalised** [PRMF17]. **perspective** [Zho06]. **pervasive** [FCL<sup>+</sup>11]. **Petri** [GR07]. **phase** [WB15]. **phonemes** [SS13]. **Physarum** [JMA17, MJGA17, SJ17, Sch17]. **physical** [Guo14, JWZL13, WCL14]. **pipeline** [YS09]. **pipelined** [SY07]. **placement** [LZWD15]. **planarian** [DCL17]. **plane** [Mar18]. **plants** [Vol17]. **platform** [DNPT12, EdM16, FCL<sup>+</sup>11, Fre16]. **play** [SSHM17]. **player** [SSHM17]. **players** [SSHM17]. **point** [AWGW08, AAAS<sup>+</sup>13]. **policy** [AWGW08, WBP16]. **policy-customisable** [WBP16]. **polycephalum** [JMA17, MJGA17, Sch17]. **polygonal** [WW05]. **population** [BPS<sup>+</sup>11]. **population-based** [BPS<sup>+</sup>11]. **populations** [JWZL13]. **portal** [GB08]. **positioning** [AGB10, SK15]. **potential** [MT08]. **Power** [CEW<sup>+</sup>10, GKST10, HB14, SNMSA10, SCJM14]. **power-law** [GKST10]. **powerful** [LX08]. **precision** [GST07]. **preclusion** [CHJ<sup>+</sup>14, CKOX16]. **predicate** [CB10]. **predicting** [dMDBS09]. **prediction** [IBCC15, KN15]. **predictions** [DSI11]. **Preface** [Pri17a]. **preprocessing** [KF07]. **preservation** [GHMSR12, ZYM17]. **preserving** [LAWS14, SK15]. **preventing** [WM09, WM13]. **primitive** [GG11]. **prioritised** [SS12]. **priority**

[GS11, VRVG11, VRV12]. **prisoner** [AS16]. **privacy** [LAWS14, SK15, YM15, ZYM17]. **privacy-preserving** [LAWS14]. **Privman** [Pri17c]. **proactive** [ECL<sup>+</sup>14, HBS08]. **probabilistic** [AS16, CH14]. **problem** [CT08, EN16, LAA13, RNMQ12, UIN14]. **problems** [BM07, Che06, DP09, ESAA18, KT17]. **process** [Iha08, LZWD15]. **processes** [WBP16]. **processes-as-a-service** [WBP16]. **processing** [AAH08, BF06, BMPV14, CMM17, DD11, FNRV15, HRR<sup>+</sup>14, Pri17b]. **processor** [AIN13, ERA07, Gor06]. **processors** [CIM<sup>+</sup>09, EMERF15]. **product** [BP09]. **Programming** [Wal09, AMuHK15, Bul09, CdO16, GKB11, SMOK06, Wal10, YS09]. **programming-driven** [GKB11]. **Programs** [Mar09]. **progression** [HSL10]. **properties** [Oga17, YMLC07]. **Proportionally** [TJKY10]. **Proposal** [CSAdS15]. **Protecting** [YM15]. **protocol** [BB09a, DB08, DKN10, HBS08, JTZX05, MBB10, MDJ10, SS12, TBMB18, WCC05, WM09, WM13]. **protocols** [OCV15, RG10]. **provisioning** [AM11, BH11, WWKK15]. **PSO** [MM15]. **PSO-based** [MM15]. **publish** [MBCK12]. **publish/subscribe** [MBCK12]. **Pull** [FVCD05]. **Pull-based** [FVCD05]. **Python** [BSG<sup>+</sup>16].

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

**R** [CMM17]. **R-SETs** [CMM17]. **radial** [CG12]. **radiation** [SR13]. **random** [BBFN10, Li05, MBB10, SG17, ST11]. **rapid** [HB14]. **rate** [AWGW08, WLWL12]. **rational** [AAAS<sup>+</sup>13]. **RDF** [LH10]. **re** [CFZ<sup>+</sup>10]. **re-encryption** [CFZ<sup>+</sup>10]. **Reaction** [SO17, AIHA05]. **reaction-diffusion** [AIHA05]. **reading** [XCW13]. **real** [SN14, Wal10]. **real-time** [Wal10]. **Realising** [KF07]. **realization** [FK17]. **recognition** [ATARY09]. **recommendation** [AXM<sup>+</sup>15]. **reconfigurable** [ET09, SY07]. **reconfiguration** [LZ07]. **reconstruction** [Gor06, TZG16]. **recording** [EPR06]. **recovery** [SS17]. **rectilinear** [WW05]. **rectilinear-monotone** [WW05]. **recursion** [GWJ09]. **recursive** [FBC<sup>+</sup>15, Urr08]. **Reducing** [WB15]. **redundancy** [MD13]. **redundant** [MM15]. **reflected** [AR14]. **regeneration** [DCL17]. **register** [KLMW10]. **regression** [ATARY09]. **regular** [KLMW10]. **regularization** [TZG16]. **reinforcement** [LWZ08, RSR15]. **related** [FNRV15]. **Relation** [AMV07]. **Relaxing** [LT15]. **Relay** [WW17, CTS<sup>+</sup>11]. **relay-based** [CTS<sup>+</sup>11]. **relaying** [WL06, WLWL12]. **relevance** [AZS17]. **relevant** [MM15]. **reliability** [MBCK12, SS12]. **Reliable** [YHWZ12, DW05, ZMX<sup>+</sup>13]. **Remus** [dSOK17]. **Repetitions** [SY07]. **replication** [Che07, Sin17, dSOK17]. **repositories** [ABF15]. **represent** [ET09]. **Representation** [JMA17]. **Representations** [Kim16]. **reputation** [VBA12]. **request** [ABMM<sup>+</sup>12]. **research** [SBC<sup>+</sup>05]. **reservation** [LZ05]. **reservations** [SCPB09]. **resolution** [SR12]. **Resource** [AAK16, DA09, ADL16a, ADL16b, YW11]. **resources** [SCPB09, VBA12]. **response** [CB10, LAWS14, RCSQ09]. **retransmission** [HHY13]. **reversible** [Sch17]. **Review**

[Mot06, FA08]. **Revisiting** [Fer06]. **RFID** [WB15]. **RingNet** [WCC05]. **RNA** [Bul16]. **robots** [BS17]. **robust** [Kar12, MBB10]. **Routing** [ZYLH09, BB09a, DW05, DB08, DKN10, HBS08, JTZX05, JW06, Li10b, LS13, LGW13, MB10, RGS06, SYLS07, SS12, TBMB18, US16, VRVG11, WW05, YHWZ12, YWC09, DA16]. **rule** [AMV07]. **running** [LL08].

**safe** [GHSR07]. **safety** [BMM12]. **salesman** [UIN14]. **saltwater** [CS16]. **satisficing** [KT17]. **satisfying** [Che07]. **saving** [CEW<sup>+</sup>10, MT08]. **scalability** [HLY11]. **Scalable** [KN15, BRW<sup>+</sup>15, JEH09, WWKK15, YWC09]. **scale** [BWHR07, CEW<sup>+</sup>10, CG12, FBC<sup>+</sup>15, HSL10, Suz07]. **scan** [AAAA16]. **scenarios** [GR07]. **schedule** [DNPT12]. **Scheduling** [Li05, CH14, EMERF15, EFBPMMOA12, GACdM16, GKB11, GJB15, JZZ11, JWZL13, LLW06, SPBD05, SYLS07, SD07, SCPB09, SMOK06, VRV12, WL06, XC12, YWGH13]. **scheme** [AKE13, BMM12, DW05, HLP07, LW07, LS13, LZ05, SS17, VRVG11, XC12, YWC09]. **schemes** [LGW13, uDZD16, SKP13, SRTE09, YWGH13, ZW08, CDF<sup>+</sup>07]. **Scholarly** [AXM<sup>+</sup>15]. **Scientific** [DS09, GWJ09, HSSS09, MSM<sup>+</sup>12, SHSS09, WCW13]. **SDN** [FBC<sup>+</sup>15]. **Sea** [TB16]. **seamless** [SKZ12]. **search** [ESAA18, GSSR17, LWZ08, LZS<sup>+</sup>10, Mah11, OT17, Sin17, SMS15, TNTI16]. **searching** [LW07]. **Secure** [SCJM14, LMS16, SK15]. **secured** [VBA12]. **Security** [LMS16, XYC<sup>+</sup>15]. **Segmentation** [SS13, CML10, DBD11, EMSY12]. **selection** [AWGW08, JTZX05, VBA12, WW17]. **self** [BBFN10, CdO16, CT08, FCL<sup>+</sup>11, Ila12, ZCT07]. **self-adaptive** [CdO16]. **self-configuring** [FCL<sup>+</sup>11]. **self-organised** [Ila12]. **self-organizing** [ZCT07]. **self-stabilizing** [BBFN10, CT08]. **SEM** [SNMSA10]. **semantic** [ABF15]. **semi** [VSB07]. **semi-supervised** [VSB07]. **sensing** [Che06, KA12]. **sensor** [AGB10, AKE13, BB09a, Che06, CR13, CH14, CSA14, CLM<sup>+</sup>17, DP09, GHMSR12, HDK05, IA11, LGW13, MPSHH08, NNRS15, NDP12, RG10, SKP13, SS17, SYLS07, SR13, SKZ12, SS12, TBMB18, WS13, XC12, XM10]. **separation** [HYJ16]. **sequence** [AR14, XFCH08]. **sequence-based** [XFCH08]. **Service** [BH11, AGM13, BRW<sup>+</sup>15, CCLT08, GS11, LX08, MPSHH08, OGD11, WBP16, XFCH08]. **service-computing** [LX08]. **service-oriented** [CCLT08, XFCH08]. **Services** [LSB<sup>+</sup>14, AM11, Zho06]. **session** [HWS08]. **set** [WCW13]. **sets** [IA11, CMM17]. **SGI** [Fat10]. **shape** [ABMM<sup>+</sup>12, JMA17]. **shaped** [DNPT12]. **shapes** [ABMOK10]. **shared** [JTZX05, LR06]. **sharing** [YW11]. **short** [JZZ11]. **short-term** [JZZ11]. **shortest** [US16]. **shrinking** [CML10]. **sieve** [LMS16]. **signal** [Nak14a, Pri17b]. **Simple** [Nak14b, Bul09, KLMW10, LX08, Vre17]. **Simulation** [HBB<sup>+</sup>17, BSG<sup>+</sup>16, CS16, HRR<sup>+</sup>14, HSSS09, KR17, SN14, TB16]. **simulations** [BWHR07, LSB<sup>+</sup>14, WvTB<sup>+</sup>07, GST07]. **single** [ADL16b, Oga17, TAO17]. **single-electron** [TAO17]. **single-molecule** [Oga17]. **single-unit** [ADL16b]. **sink** [ZYM17]. **SIP** [HHY13]. **sized** [KR17]. **skeletons** [GG11]. **skip** [SCK15]. **SLA** [DA09]. **slave** [Miš07]. **slave-slave** [Miš07]. **Sleep** [CH14]. **Sleep-wake** [CH14]. **Slime** [AP12, AAAS<sup>+</sup>13, Jon16, MJGA17]. **small** [BPS<sup>+</sup>11]. **Smart** [MMT<sup>+</sup>15, KR17, LS14, LAWS14, LZ05, MCYG13, RSR15, SCJM14]. **SMRS** [YWC09]. **snapshots** [WCW11]. **SOAR** [MSM<sup>+</sup>12]. **social** [AXM<sup>+</sup>15, BRW<sup>+</sup>15, PWL09]. **sockets** [LMS16]. **soft** [SS13]. **soft-computational** [SS13]. **software** [SP09]. **soldier** [NGA13].

**solution** [CIM<sup>+</sup>09]. **solutions** [OCV15, RNMQ12]. **solve** [EN16]. **solver** [BCL09, LR06]. **solvers** [GST07]. **solving** [ESAA18, LAA13]. **some** [IP08]. **space** [BMPV14, ET09, LZ07]. **space-time** [BMPV14]. **sparse** [BCL09, GPZ08, HLP07]. **spatial** [VSB07]. **Special** [ADOKM10, Ano06, Cho08, FNB11, Guo14, OA17, RH07, Tra11, Xu06, Yu15]. **specifying** [SHB17]. **speech** [ATARY09]. **spikes** [PGFA17]. **splitting** [SJ06, CDF<sup>+</sup>07]. **stabilizing** [BBFN10, CT08]. **stable** [AGB10, CdO16]. **stable-matching** [AGB10]. **stack** [MRA<sup>+</sup>06]. **standard** [CdO16]. **starvation** [BPV18]. **starvation-free** [BPV18]. **State** [DA16]. **states** [Mar17]. **static** [SKZ12]. **statistical** [GKST10]. **steering** [Guo06, WvTB<sup>+</sup>07]. **Steiner** [RGS06]. **steps** [Pri17b]. **stigmergy** [Vre17]. **stimuli** [JMA17, MJGA17]. **stochastic** [MMS<sup>+</sup>17, NDP12, Oga17, OA17]. **storage** [CFZ<sup>+</sup>10, MSM<sup>+</sup>12]. **strategies** [HBS08, RBU13]. **strategy** [EFBPMMOA12, KT17]. **stream** [LK08, YS09]. **stream-based** [YS09]. **streaming** [Aga11, MJGA17]. **string** [Nak14a]. **strips** [ET09]. **Strong** [CKOX16, SSHM17]. **structural** [GWJ09]. **structure** [ET09, SCPB09, Urr08]. **structured** [BMPV14, CFK17]. **study** [LL08, MD13, Mon07, SAN<sup>+</sup>17, SN14, WvTB<sup>+</sup>07]. **style** [SSHM17]. **subjects** [SSS<sup>+</sup>17]. **submesh** [ABMOK10]. **subsequence** [QA07]. **successive** [WW17]. **sum** [QA07]. **supercomputers** [WvTB<sup>+</sup>07]. **supervised** [VSB07]. **support** [EN16, GWJ09, MB10, WCY15]. **Supporting** [BD14, AGM13, GS11, LZS<sup>+</sup>10]. **surface** [TB16]. **surveillance** [BS17]. **survey** [MBCK12, uDZD16, SRTE09]. **swarm** [BPS<sup>+</sup>11, IS14, MS16, SMS15]. **swarm-based** [IS14]. **swarms** [NGA13]. **switched** [AOKK08]. **switches** [LLW06]. **symmetric** [Kim16, Oga17]. **synchronization** [GR07]. **syndrome** [EG18]. **syndrome-based** [EG18]. **syndromes** [ER14]. **Synergies** [SHSS09]. **synthesis** [KZS17]. **system** [Aga11, AGM13, AP18, EN16, EG18, EFBPMMOA12, GHSR07, HB14, HLZ<sup>+</sup>12, IS14, JWZL13, LS14, LAWS14, MMS<sup>+</sup>17, SY07, SN14, SMOK06, WCW13, WB15, XFCH08, XYC<sup>+</sup>15, ZMX<sup>+</sup>13]. **system-level** [EN16, EG18]. **Systemic** [Ben07]. **systems** [ADL16a, ADL16b, ACY05, ADOKM10, Ben07, BPV18, Bul09, CZXC06, CIM<sup>+</sup>09, CFZ<sup>+</sup>10, CB10, Dis09, EDN05, ERA07, Fer06, GACdM16, GJB15, GSSR17, Guo14, HYJ16, HLY11, IP08, Ila12, Kim16, Li05, LL08, LZWD15, LMS16, MBCK12, MDJ10, PB13, RNMQ12, SHB17, SEM14, SCK15, TP11, Vre17, WCL14, WvTB<sup>+</sup>07, WCW11, Tra11]. **tableaux** [Kim16]. **tag** [XCW13]. **task** [Kim16]. **tasks** [KF07, Li05]. **Tate** [SK15]. **technique** [CSAdS15, EMSY12, LMS16]. **techniques** [OJ10, SMS15]. **Technologies** [MMT<sup>+</sup>15]. **temperature** [TB16]. **template** [SMS15]. **tenant** [WBP16]. **Teraflop** [BWHR07]. **term** [JZZ11]. **termination** [BCJ06]. **terrorist** [Ila12]. **test** [AAAA16]. **testing** [HB14, NNRS15]. **testing-based** [HB14]. **their** [SHB17, YMLC07]. **theoretic** [AAK16, MM15, NNRS15]. **Theoretical** [Pri17b]. **theory** [CSAdS15, EG18]. **theory-based** [CSAdS15]. **thread** [Sin17]. **three** [BM07]. **three-dimensional** [BM07]. **threshold** [KK17, SCJM14]. **threshold-based** [SCJM14]. **tilings** [Mar18]. **Time** [CFQS12, SYLS07, BMPV14, Che07, CB10, GR07, HSL10, LZ07, RCSQ09, SN14, Wal10, XFCH08]. **Time-optimum** [SYLS07]. **Time-varying** [CFQS12]. **timing** [FVCD05]. **tissue** [PGL16]. **tolerance**

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