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Title word cross-reference

arc [GS93]. **N** [SHG95, Mae85].

-Body [SHG95].

11/780 [Cla83, CE85]. **1988** [ACM88].

2.6 [PTS⁺14]. **2011** [Mow12]. **2019** [MT20].

36 [Jha20].

4 [Jha20]. **432** [CGJ88, CCLP83].

780 [Cla83, CE85].

Abstract [Her86, SS84]. **abstraction** [CRL03, Kel00]. **Abstractions** [SKH⁺16].

Accelerating [BJS01]. **Accelerator** [CZL⁺15]. **Accelerators** [LAB⁺13]. **Accent** [FR86]. **Access** [AT83, LZCZ86, LP93, Smi84b, GB01]. **Access/Execute** [Smi84b]. **Accesses** [AJ19, HY92, Kel00]. **accessing** [ACM04]. **accounting** [EV03]. **accuracy** [Jim05]. **Accurate** [GVM⁺11, NTW09]. **Ace** [RR99]. **Achieve** [LLL⁺16]. **ACM** [Jha20]. **ACM/SIGOPS** [ACM88]. **across** [LBM⁺21]. **Action** [Sch84]. **Actions** [Ree83]. **Activations** [ABLL92]. **active** [SJS⁺00]. **Activity** [IRH86, MSB⁺06]. **Ad** [BYFK08, FKA10]. **Adaptable** [AC92]. **Adaptation** [BS91, AD03, FS04]. **Adaptive** [ALHH08, AS95, MLS97, CT01]. **Address** [CLFL94, SV99]. **Adrenaline** [HZL⁺17]. **Aerial** [BGK⁺21]. **Affected** [IRH86]. **Affine** [ZXD⁺23]. **Aggregate**

- [AB83]. **Aggregation** [BCK⁺21, JMB05]. **Aggressive** [GWSU13]. **AI** [RDB⁺21]. **Air** [CDD96]. **al** [Jha20]. **Algorithm** [Bad86, DC85, HBAK86, Lam87, Mae85, Ray89, SK85, Zha91]. **Algorithms** [CM86, GD87, GLM91, KS91, KH92, LA93, MCS91, San87, Sau83a, Sau83b, TS89, KY04]. **allergies** [QTZS07]. **Allocation** [DTM95, Koc87, MVZ93]. **Alpine** [BKT85]. **Analysis** [BCZY16, GGL⁺19, HBAK86, PL85, SS96a, Smi85, Smi87, TR84, TS89, WB91, WY13, WPB⁺14, ZTQ⁺17, ZWH⁺21, AV04, CDW06]. **Analytical** [AHH89]. **Analytics** [JLL⁺16]. **Analyzing** [AB83]. **anomaly** [COM⁺09]. **Anticipation** [Kin90]. **Apache** [CCC⁺17, SYE⁺21]. **APLOS** [Mow12]. **Apple** [HDV⁺12]. **Appliances** [ZZW⁺21]. **Application** [CFKL96, CDY⁺17, YFLS11, dBBB11, CKP⁺04, GEK⁺02]. **Application-Controlled** [CFKL96]. **application-level** [GEK⁺02]. **Application-Specific** [CDY⁺17]. **Application-Tailored** [dBBB11]. **Applications** [BPH15, CKC12, FAK⁺12, GS93, HDV⁺12, HMMS98, RDB⁺21, SWB⁺23, Ste97, APD03, BMK01, COM⁺09, GDL⁺04, NL03, YN06]. **Applied** [GF93]. **applying** [SJS⁺00]. **Approach** [CP94, Kem83, NCPM17, RS92, SS83, SBRP12, Sno88, WZKSL15, LM01, SMS08, SCZM05, VVP⁺06]. **Appropriate** [WM87]. **Approximate** [SNSC14]. **Approximation** [BKLC84, SLJ⁺14]. **Architecting** [LLL⁺16]. **Architectural** [CGJ88, HL91, LM01, NEC⁺15, XDH⁺21]. **Architecture** [BDR⁺12, CLVW94, CM88, CLD⁺19, DAH⁺12, GHPR88, KCR11, MGW11, MF90, OP92, RBvR94, SLI11, Ste97, ZFF⁺17, ZZW⁺21, ZHD⁺19, ZCR⁺21, HVP99, SSM⁺07]. **Architectures** [BMVS15, LDT⁺16, PPA⁺15, SHG95, Smi84b, HS03]. **Area** [AOST93, SS96b, CRW01, KSH⁺05, LN06]. **Arguments** [SRC84]. **Arm** [Kin90, IVO⁺19]. **Arrakis** [PLZ⁺16]. **Array** [HKS⁺83]. **Arrays** [SHCG94]. **Article** [Jha20]. **Asbestos** [VEK⁺07]. **Assignments** [BGM86]. **Assistant** [HLZ⁺16]. **Assisting** [KMG16]. **Associative** [SA95]. **Astrolabe** [VBV03]. **Asymmetric** [SFKP12]. **At-Most-Once** [LSW91]. **ATC** [MT20]. **Atomic** [AC92, Ng89, Ree83, SBS91, AKS11, BLH20]. **Atomicity** [GS93, Her87]. **Attested** [SWB⁺23]. **Audio** [And97]. **Audio/Video** [And97]. **Authentication** [BAN90, LABW92, WABL94]. **Author** [Ano96]. **authority** [ZSV02]. **Authors** [Ano83, Ano84b]. **Automated** [COM⁺09, ABG⁺01]. **automatic** [HSY05, KY04]. **automatically** [DR99, Rin99]. **Autonomous** [BGK⁺21]. **AutoRAID** [WGSS96]. **AutoScale** [GHBRK12]. **Availability** [BGMS89, Her87, LLSG92, SBL00, YV06]. **Avoidance** [RJ90]. **Award** [MT20]. **Aware** [BZF10, DK13, BA06, FS04]. **Back** [TS89]. **Backtracking** [KC05]. **Balanced** [RPC⁺13]. **Balancing** [CJ10, HS03, HBD97]. **bandwidth** [KSV⁺08]. **BASE** [CRL03]. **Based** [AISS98, Bab87, BYFK08, Bat95, BS96, CJ10, CP86, GFN89, JEJ13, Koc87, KS97, LSW91, Ray89, SGH⁺13, TE95, WY13, BM00, BMK01, HBSBA03, JMB05, JVG⁺07, SBL00, SH00, YV02, ZMAB09]. **Basis** [HS96]. **Batteries** [GWSU13]. **battery** [FS04]. **Behavior** [Bat95, HDV⁺12, Str83, WZKSL15, GS00, HKM02]. **Behind** [MBH⁺94]. **being** [BMVS15]. **Benchmark** [SS96a]. **benchmarking** [NYN03]. **Benchmarks** [CP94, MT99]. **Between** [BBCS19, FAK⁺12, LAB⁺13, ZXD⁺23]. **BFT** [AGK⁺15]. **Big** [CZW⁺21, JLL⁺16]. **Bigtable** [CDG⁺08]. **Bijective** [Oka88]. **Billion** [LLL⁺16].

- Billion-Requests-Per-Second** [LLL⁺16].
Bimodal [BHO⁺99]. **Binary** [DC85, RJ90].
Binomial [SA95]. **Blackboxes** [KBK⁺21].
Block [AS95, KS97, Tic84, YSS⁺14].
Blockchains [SWB⁺23]. **BlueDBM** [JLL⁺16]. **Body** [SHG95]. **Boosting** [HZL⁺17, XDH⁺21]. **Bottleneck** [KG21].
Bound [ES83]. **Bounds** [Slo83, TS85].
branch [JL02, Jim05]. **Bringing** [BDR⁺12].
Broadband [Kir87]. **Broadcast** [CM84, KS91, EGH⁺03, GLPQ10]. **Buddy** [Koc87]. **Buffer** [CE85, CT01, HJK07].
buffering [PDZ00]. **Bugs** [BLH20, QTZS07]. **Building** [KS97, ZSS⁺18, AMS⁺09, CBG⁺08].
Building-Block [KS97]. **Bus** [HKB95, TE95]. **Bus-Based** [TE95].
Byzantine [CV21, CL02, KAD⁺09, Sch84].
- Cable** [Rom84]. **Cache** [AHH88, AHH89, AB86, BCZY16, Cla83, LBM⁺21, MBH⁺94, Smi85, Smi87, Str83, SA95, TS87, TE95, WB91, YFLS11, BMK07, CT01, GO05, GVO07, HKM02].
Cache-Incoherent [LBM⁺21]. **Caches** [KH92, HKM02]. **Caching** [CFKL96, NWO88, PDZ00, SH00].
Calculations [HKS⁺83]. **Call** [APD03, BALL90]. **Calls** [BN84, Bir85].
Calypso [DKM96]. **Capacity** [GHBRK12].
cardinality [NTW09]. **carried** [ZCR⁺21].
Cascade [EG85]. **Case** [GF93, KWDB06].
Cases [MMM95]. **Causal** [MRF18, SBS91].
Cells [DAH⁺12]. **Cellular** [GTHR00].
Center [RDB⁺21, ZHD⁺19]. **Centers** [GHBRK12]. **Central** [Kam84].
Centralized [BAA90]. **Certes** [ONA04].
certification [ZSV02]. **chain** [CKP⁺04].
Chaining [KBK⁺21]. **Challenge** [EBS⁺12].
Channels [Kem83]. **CHAOS** [GS93].
Characteristics [SS96a].
characterizations [GS00]. **Charlotte** [SWB⁺23]. **checking** [YTEM06].
Checkpointing [TR84]. **Chip** [Bis22, GF93]. **Choices** [WM87]. **Chores** [EJ93]. **Ciphers** [EG85]. **Circuit** [MLS97].
Circuit-Switched [MLS97]. **CISC** [BMVS15]. **Class** [LCWB⁺11, MCB84].
click [KMC⁺00]. **client** [AFG99, LN06, NYN03, ONA04].
client-server [AFG99]. **climbing** [CY09].
clock [BM00]. **Clocks** [Lam90, LSW91].
Cloning [LCWB⁺11]. **Closed** [KG83].
Closely [KLS86]. **Closely-Coupled** [KLS86]. **Cloud** [BPH15, JBG⁺19, Jha20, LCWB⁺11, MSL⁺11, NCPM17, SJS⁺17].
Cluster [VBR⁺04, GLPQ10, SBL00].
cluster-based [SBL00]. **Clusters** [EPP⁺12, GTHR00, KSH⁺05]. **Co** [ZCY⁺24]. **Co-location** [ZCY⁺24]. **Coarse** [PPA⁺15]. **Coarse-Grained** [PPA⁺15].
COCA [ZSV02]. **Coda** [KS92, Sat02].
Code [MC11, ZWH⁺21, KY04].
Coddesigned [KMG16]. **Coherence** [AB86, LH89, LWZ15, ZY17]. **Coherent** [MBH⁺94]. **Coin** [PW97]. **Collaboration** [LSPM15]. **Collaborative** [SLW⁺24].
Collection [SKZ⁺19, AFG99, KPHV11].
Combining [BPP⁺17a, BPP⁺17b, PS16].
commit [AKS11]. **Commodity** [BDGR97, SBL05]. **Communication** [BW84, BALL91, BJ87, Bir85, CBZ95, CGL85, CCLP83, FR86, GMS91, GG88, LHM⁺84b, PPA⁺15, PBS89, TL93, XDH⁺21, BHSC98, FLS01, MG01, VBR⁺04].
Commutativity [CKZ⁺15]. **Comparison** [JW98, LE91]. **Compiler** [BMK01, KMG16, MCB⁺93, Mow98, ACM04, KY04, LM01].
Compiler-based [BMK01].
Compiler-Controlled [MCB⁺93].
compiler-enabled [ACM04].
Compiler-Inserted [Mow98]. **Compilers** [ZXD⁺23]. **Complex** [Sno88]. **Complexity** [CGJ88, PS16]. **Component** [ZCY⁺24, CBG⁺08].
Component-distinguishable [ZCY⁺24].
Composable [SWB⁺23]. **Compositions** [KS97]. **Comprehensive**

- [GO05, GVO07, KAE⁺14]. **compression**
 [BA06]. **Computation**
 [HZX⁺18, JW98, LHM⁺84b].
- Computational** [Sau83a, Sau83b, ZFF⁺17].
Compute [BGK⁺21]. **Computer**
 [AB83, AK90, BW84, CEC⁺96, IRH86,
 Jha20, RJ90, Smi84b]. **Computers**
 [HLZ⁺16, HZL⁺17, LP93]. **Computing**
 [ARJ97, Bab87, EJ93, SS83, SGH⁺13,
 XBO⁺21, ZCY⁺24, ZR17, KSH⁺05, LN06].
Concurrency [AC92, CM86, Her87].
Concurrent
 [FH07, GY90, HLS95, Lam90, SMH⁺21].
Configurable [ELMP12, BHSC98].
Configuration [SBRP12]. **conflict** [CT01].
Congestion [RJ90]. **conit** [YV02].
conit-based [YV02]. **connection** [SMS08].
connection-oriented [SMS08]. **Conscious**
 [KWS97]. **Consensus** [Bab87, CV21, Her86].
Consensus-Based [Bab87]. **Consideration**
 [Smi87]. **Considerations** [Smi85].
Consistency
 [AW94, CBZ95, GS00, HJK07, YV02].
Consistency-Related [CBZ95].
Consistent [ZSS⁺18, PMJPKA05].
Constraints [BGMS89]. **Constructing**
 [CGL85, Smi86, BHSC98]. **construction**
 [KY04]. **consumption** [XMM07].
Container [XBO⁺21, XBO⁺21].
containment [CCC⁺08]. **Content**
 [BW84, CJ10, JEJ13]. **Content-Based**
 [CJ10, JEJ13]. **Content-Induced** [BW84].
Contention [BZF10, Kir87].
Contention-Aware [BZF10]. **Context**
 [PBS89, BLH20]. **Continuous** [AOG92,
 And93, ABD⁺97, HKB95, Mar90, YV02].
Continuous-Valued [Mar90]. **Continuum**
 [GD87]. **Control**
 [AT83, AC92, CM86, CDD96, PPA⁺15,
 PLZ⁺16, SBWT87, Sha89, Zha91, GB01].
Controlled [CFKL96, MCB⁺93, SV99].
controller [BI13]. **conventional** [ACM04].
Conversation [CP86].
Conversation-Based [CP86]. **Converting**
 [LEL⁺97]. **Cooperative**
 [HLRW93, LM01, SH00]. **coordinated**
 [AD01]. **Copy** [RS92]. **Core**
 [IVO⁺19, RSJM21, SFKP12, BMK01].
CORFU [BMD⁺13]. **Correction** [Tic84].
Corrigendum [BPP⁺17a, Jha20, Sau83b].
coscheduling [AD01]. **Cost**
 [JB86, RDB⁺21]. **costs** [YV06]. **Counting**
 [HLS95]. **Coupled** [KLS86]. **Coupling**
 [ACM04]. **Coyote** [BHSC98]. **CPU**
 [LSPM15, YN06]. **CPUs** [ZR17]. **Critical**
 [RS92]. **Criticality** [WLMD16]. **Cross**
 [SWB⁺23]. **Cross-Domain** [SWB⁺23].
Cryptographic [AT83].
Cryptographically [Sha83].
Cryptography [KWDB06].
Cryptosystems [Oka88]. **customizable**
 [RR99]. **Customized** [HS96]. **Cycles**
 [ABD⁺97].
- Dadda** [CS83]. **Dark** [EBS⁺12]. **Data**
 [AC92, CZW⁺21, GHBRK12, Her86, Her87,
 HZX⁺18, JB86, JLL⁺16, LAB⁺13, NDU⁺19,
 Ree83, RDB⁺21, SBN⁺97, Sha89, SWB⁺23,
 SKZ⁺19, SYE⁺21, ZHD⁺19, BA06, CDG⁺08,
 CKP⁺04, HLMM05, KSV⁺08, VBV03].
Data-Parallel [LAB⁺13]. **Database**
 [CDE⁺13, LHM⁺84b, PGM89, APD03,
 CASM08, PMJPKA05]. **Datacenter**
 [GWSU13]. **datacenters** [DK13, GLL14].
Datagram [DC90]. **Dataplane**
 [BPP⁺17a, BPP⁺17b]. **DBT** [SWF20].
DDoS [WVB⁺10]. **DDRx** [BI13].
Deadlock [Bad86, CHM83]. **Debugging**
 [Bat95, GY90]. **Deca** [SKZ⁺19]. **Decay**
 [Epe98, HKM02]. **Decay-usage** [Epe98].
Decentralized [Mae85, Ree83].
Decentralizing [CM89]. **Declarative**
 [SBRP12]. **Decoupled** [Smi84b]. **defense**
 [WVB⁺10]. **Delay** [DC22]. **Delays**
 [AB83, Bis22]. **deliberate** [VVP⁺06].
Delivery [RS92]. **denial** [MSB⁺06].
denial-of-service [MSB⁺06]. **Dense**
 [PCB⁺23]. **Dependency** [ZCR⁺21].

Dependent [Sau83a, Sau83b]. **deployed** [YKKK10]. **Deployment** [HE16]. **Depot** [MSL⁺11]. **Derecho** [Jha20, JBG⁺19]. **Deriving** [GvB90]. **Design** [CRW01, CKC12, DAH⁺12, GF93, LLY⁺24, RO92, SRC84, Smi85, Smi87, UNS⁺94, WM87, YV02, AKS11]. **Designing** [CKZ⁺15, HLZ⁺16, SS83]. **designs** [ASS⁺05]. **Desktop** [BWD⁺15, HDV⁺12]. **Detection** [Bad86, BLH20, CHM83, WZKSL15, COM⁺09]. **Detector** [SBN⁺97]. **Determining** [CL85, CDY⁺17, Ske85]. **deterministic** [AV04]. **Development** [GM87, HP94]. **Device** [And97, MKH⁺21, SBRP12, SABL06]. **Devices** [LSPM15, YSS⁺14]. **Diagnosability** [YZP⁺12]. **Diciclo** [KA24]. **DieCast** [GVM⁺11]. **Different** [Atk88]. **Differential** [WZKSL15]. **Diffracting** [SZ96]. **Digital** [Oka88, MRG⁺05]. **Dimension** [San88]. **Directed** [Kot97]. **directions** [EV03]. **Directories** [ZY17]. **Directory** [MBH⁺94]. **Discipline** [CGL85]. **disco** [GTHR00, BDGR97]. **Disconnected** [KS92]. **Discovery** [HS96]. **Disk** [CFKL96, GD87, Kin90, Koc87, Kot97, Smi85, Smi87, SHCG94]. **Disk-Directed** [Kot97]. **Diskless** [LZCZ86]. **Dispatching** [CCLP83]. **dissemination** [KSV⁺08]. **Distance** [BCZY16, MLS97, WY13, ZY17]. **distinguishable** [ZCY⁺24]. **Distributed** [AE91, AJ93, Bab87, Bad86, Bat95, BAA90, CBZ95, CHM83, CL85, CZ85, Che87, CDE⁺13, EPP⁺12, Fal87, GG88, GVM⁺11, HKM⁺88, HZX⁺18, JB86, JLSU87, JLL⁺16, KvRvST93, KLS86, LABW92, LHM⁺84b, MRF18, MBH⁺94, NDU⁺19, NTW09, Ray89, RSJM21, San87, Sat89, SBN84, SB90b, SYE⁺21, SS96b, Ste97, SY85, SK85, ZCR⁺21, AMS⁺09, AD01, BMD⁺13, CDG⁺08, FKM02, HYC⁺03, KSV⁺08, NCF06, RS04, VBV03, YKKK10, ZSV02]. **Distributed-Memory** [Ste97]. **distributing** [ADK⁺07]. **Distribution** [BBF83, CY09]. **Distributions** [HBD97]. **Diversity** [SJS⁺17]. **DMA** [BBCS19]. **Domain** [SWB⁺23]. **Domains** [LWZ15]. **DoublePlay** [VLW⁺12]. **Down** [KG21]. **Driven** [MR97, WB91]. **drivers** [SABL06]. **Dynamic** [BGMS89, BS91, GHBRK12, GWS96, HBD97, KMG16, MRF18, MVZ93, OP92, PS16, SBN⁺97, BM00, DR99, HLMM05, JMB05, JL02, XMM07]. **dynamic-sized** [HLMM05]. **Dynamics** [ZFF⁺17]. **Edge** [XBO⁺21]. **Editing** [And97]. **Editor** [Jon83a]. **Editorial** [Bir97, Che10, Ell03, Ell05, Lev97, Mow13]. **effect** [MG01]. **Effective** [ABLL92, BLH20, HY92, Rin99, TE95, ZHD⁺19, LM01]. **Effects** [CGJ88, Kam86, MF90]. **Efficiency** [BPP⁺17a, BPP⁺17b, BGK⁺21, LAB⁺13, LCG⁺16, NCPM17, WM87, ACM04]. **Efficient** [AE91, BCZY16, DC22, GJT⁺12, GG88, HKB95, KA24, LSW91, MC11, PPA⁺15, RPC⁺13, TS89, WB91, WY13, ZR17, AD00, NTW09, RLCV11, YN06]. **Electronic** [Bir97, PW97]. **elephants** [EV03]. **Eliminating** [DR99, MR97]. **Emerald** [JLHB88]. **Emerging** [FAK⁺12]. **Empirical** [SS96b]. **enabled** [ACM04]. **Enabling** [XBO⁺21]. **End** [CCC⁺08, HLZ⁺16, KG21, SRC84]. **End-to-End** [HLZ⁺16, SRC84, CCC⁺08]. **Energy** [BA06, BWD⁺15, BMVS15, BGK⁺21, CDY⁺17, GJT⁺12, RPC⁺13, WPB⁺14, YN06, ZR17, ACM04, FS04, HKM02, RLCV11, XMM07]. **Energy-aware** [BA06, FS04]. **Energy-Efficient** [GJT⁺12, RPC⁺13, ZR17, YN06, RLCV11]. **Energy-Oriented** [BWD⁺15]. **Enforce** [Slo83]. **enforcement** [GB01]. **Engines** [SLJ⁺14]. **Enhance** [Sta84]. **Enhanced** [EJ93]. **Enhancement** [YZP⁺12]. **enterprise** [COM⁺09]. **Enterprises** [KCR11]. **Environment** [KMG16, VVP⁺06]. **Environments**

- [GKXK13, GLPQ10]. **EOLE** [PS16]. **epidemics** [CCC⁺08]. **Eraser** [SBN⁺97]. **Error** [TS85]. **errors** [VACG09, YTEM06]. **Estimates** [KP91]. **estimation** [NTW09]. **Ethernet** [KCR11]. **Etherphone** [TS88]. **Evaluation** [ADLM21, AB86, BBH⁺98, CP94, DAH⁺12, GHPR88, MCB84, CRW01, SMS⁺03, YV02]. **Evaluator** [CCC⁺17]. **Even** [KBK⁺21]. **Event** [Bat95, BBF83, CRW01, VEK⁺07]. **Event-Based** [Bat95]. **EventGuard** [SLI11]. **evolution** [Sat02]. **Exchange** [Blu83]. **Exclusion** [AE91, BGMS89, Lam87, Mae85, Ray89, San87, SK85]. **Execute** [Smi84b]. **Execution** [CCC⁺17, GM98, MCB⁺93, KY04, NCF06, SMS⁺03]. **exokernel** [GEK⁺02]. **expansion** [SV99]. **expected** [XMM07]. **Experience** [ADK⁺07, SBN84]. **Experimental** [LE91]. **Experiments** [Atk88]. **exploitation** [HKM02]. **Exploiting** [HBD97, SJS⁺17]. **Exploring** [LAB⁺13]. **Extended** [DC90]. **Extensible** [EPP⁺12, GB01]. **Extensions** [AISS98]. **Extraction** [HS96]. **extrapolation** [GVO07].
- Factor** [NEC⁺15]. **Fail** [SS83, Sch84, Ske85]. **Fail-Stop** [SS83, Sch84]. **Failures** [BJ87, Mar90, QTZS07, ZMAB09]. **Fairness** [ELMP12]. **Fast** [CCW⁺17, FKM02, GEK⁺02, JBG⁺19, Jha20, Lam87, LDT⁺16, MJLF84, SV99, YSS⁺14]. **Faster** [BCK⁺21]. **Fault** [AE91, Bab87, BBG⁺89, BS96, CM89, CDD96, DD98, JB86, MC11, RBvR94, SS83, ZTQ⁺17, CL02, CRL03, KAD⁺09]. **Fault-tolerance** [CDD96]. **Fault-Tolerant** [AE91, Bab87, JB86, RBvR94, SS83]. **Faults** [PTS⁺14]. **Fay** [EPP⁺12]. **Feedback** [HMMS98, RJ90, ALHH08, DR99]. **File** [AISS98, AOG92, ADN⁺96, BKT85, CFKL96, CF96, DKM96, GJT⁺12, HDV⁺12, HO95, HP94, HKM⁺88, KS92, Koc87, KS97, LZCZ86, MBH⁺94, MJLF84, NW088, RO92, SS96b, FKM02, GMSP00, NCF06, SFKW14, YTEM06]. **File-system** [HP94]. **Files** [HL91, SMH⁺21]. **Filesystem** [PE23]. **filter** [BMK07]. **find** [YTEM06]. **finding** [ASS⁺05]. **Fine** [JLHB88, BHSC98, Rin99]. **fine-grain** [BHSC98, Rin99]. **Fine-Grained** [JLHB88]. **Fireflies** [JVJ15]. **Firefly** [SB90a]. **firewall** [BMNW04]. **Firmato** [BMNW04]. **First** [LCWB⁺11]. **First-Class** [LCWB⁺11]. **Flash** [JLL⁺16]. **flexibility** [HS03]. **Flexible** [KA24, KS97, GEK⁺02]. **FLIP** [KvRvST93]. **Flow** [EGH⁺14, Sha89]. **Focusing** [EV03]. **Footprint** [CZL⁺15]. **Footprints** [TS87]. **Formal** [BAA90, GM87, GF93, KAE⁺14]. **Fragmentation** [PE23]. **Framework** [CCC⁺17, SLW⁺24, SYE⁺21, CKP⁺04]. **Frameworks** [CZW⁺21]. **Free** [ARJ97]. **Front** [KG21]. **Front-End** [KG21]. **Full** [LLL⁺16]. **Full-Stack** [LLL⁺16]. **fully** [RD99]. **functionality** [GB01]. **Fusion** [ZXD⁺23]. **Future** [EBS⁺12, HLZ⁺16, Kin90].
- Gaining** [WM87]. **Garbage** [AFG99, SKZ⁺19, KPHV11]. **gating** [BM00]. **General** [Smi86, ZR17, BJS01, CKP⁺04]. **General-Purpose** [ZR17, BJS01]. **Generalized** [MCB84, SA95]. **Generals** [Sch84]. **Generating** [MMM95]. **Generation** [AJ93, Sha83, GO05]. **generational** [HKM02]. **generic** [CBG⁺08]. **Global** [AISS98, CL85, CM89]. **Globally** [CDE⁺13]. **Gone** [ABD⁺97]. **Google** [CDE⁺13]. **Gossip** [JVG⁺07, JVJ15, JMB05]. **Gossip-based** [JVG⁺07, JMB05]. **GPU** [LSPM15, SKH⁺16]. **GPUfs** [SFKW14]. **GPUnet** [SKH⁺16]. **GPUs** [BBCS19, SMH⁺21, SFKW14]. **grain** [BHSC98, Rin99]. **Grained** [JLHB88, PPA⁺15]. **Grammars** [DD98]. **Grapevine** [SBN84]. **Graph** [DD98, ZCR⁺21, AV04, APD03]. **Graphics**

[SLJ⁺14]. **Graspan** [ZWH⁺21]. **Group** [SBS91, FLS01, KSMD02]. **Grouping** [Sta84]. **Groups** [CZ85, San88]. **Growth** [SBN84]. **Guarantee** [ZCR⁺21]. **Guest** [Lev97].

H [XBO⁺21]. **H-Container** [XBO⁺21]. **Hardware** [DRG17, GM98, GF93, HLRW93, SLW⁺24, WPB⁺14, HS03]. **HARTS** [KS91]. **hash** [NTW09]. **Haven** [BPH15]. **HDLC** [SL83]. **Heap** [DTM95]. **Heracles** [LCG⁺16]. **Heterogeneous** [BDZ⁺20, Bat95, Fal87, LWZ15, LBM⁺21, PCB⁺23, XBO⁺21, DK13, GLL14]. **Heterogeneous-ISA** [XBO⁺21]. **HFS** [KS97]. **Hidden** [RDB⁺21]. **Hierarchical** [GJT⁺12, PCB⁺23, SHG95, WGSS96]. **Hierarchies** [BCZY16, ES83, YFLS11]. **Hierarchy** [AT83]. **High** [AOST93, BPP⁺17a, BPP⁺17b, ELMP12, GY90, GFN89, KBK⁺21, KSV⁺08, LLG92, SJWT87, Ste97, TL93, ZCY⁺24, Kel00, VVP⁺06, WVTP01]. **High-bandwidth** [KSV⁺08]. **High-level** [GY90, Kel00, VVP⁺06]. **High-Performance** [ELMP12, SJWT87, KBK⁺21]. **High-Speed** [Ste97, TL93, AOST93, GFN89, WVTP01]. **High-throughput** [ZCY⁺24]. **Highly** [SMH⁺21, SBL00]. **Hill** [CY09]. **Hill-climbing** [CY09]. **Hint** [SH00]. **Hint-based** [SH00]. **Hints** [YFLS11]. **Hipster** [NCPM17]. **Histories** [Ng89]. **Hoc** [BYFK08, FKA10]. **Holistic** [CZW⁺21]. **HOP** [GF93]. **Hot** [HY92]. **Hot-Spot** [HY92]. **HP** [WGSS96]. **HTM** [CCW⁺17]. **HW** [KMG16]. **HW/SW** [KMG16]. **Hybrid** [CZW⁺21]. **Hypercubes** [MLS97]. **Hypervisor** [BS96, SWF20]. **Hypervisor-Based** [BS96]. **I/O** [BMK01, CP94, Che87, HDV⁺12, Kot97, PDZ00, YSS⁺14, dBBB11].

identification [CT01]. **Identifying** [BCZY16, Kem83]. **ignoring** [EV03]. **Image** [SL83]. **Imbalance** [NDU⁺19]. **Implement** [Ng89]. **Implementation** [CFKL96, CKC12, DAH⁺12, DC85, RO92, WM87]. **Implementations** [GFN89]. **Implementing** [BN84, Ree83, Sch84]. **Implications** [SHG95]. **Implicit** [AD01]. **Improve** [GKXK13, SFKP12, CRL03, HBSBA03]. **Improved** [CM89, Jim05]. **improvement** [HSY05]. **Improving** [KP91, LCG⁺16, NCPM17, QBD⁺08, SBL05, YZP⁺12, BM00]. **In-Memory** [CCW⁺17, SKZ⁺19]. **Including** [GvB90]. **Incoherent** [LBM⁺21]. **inconsistencies** [YKKK10]. **Inconsistent** [ZSS⁺18]. **Increase** [GM98, PS16]. **Increasing** [BGMS89]. **Incrementally** [CASM08]. **Independent** [Smi86]. **Index** [Ano84a, Ano96]. **Indexed** [KH92]. **Indirect** [AJ19]. **Induced** [BW84]. **infer** [ONA04]. **Inferring** [MSB⁺06]. **Information** [Ano83, Ano84b, EGH⁺14, HS96, PBS89, San87, AD01]. **Information-Flow** [EGH⁺14]. **Informing** [HMMS98]. **Injection** [BLS⁺21, MC11]. **Inserted** [Mow98]. **Instruction** [CLD⁺19, DC22, LEL⁺97, MF90, LM01, SMS⁺03]. **Instruction-Level** [LEL⁺97]. **Integrated** [CFKL96, RD99]. **Integrating** [Sat89, SFKW14]. **Integration** [BBCS19, FR86]. **Intel** [CGJ88, CCLP83]. **Intellectual** [Bis22]. **Intensive** [DTM95]. **Inter** [XDH⁺21]. **Inter-process** [XDH⁺21]. **Interface** [Che87, Fal87, Ste97, BJS01]. **interfacing** [BI13]. **Internet** [CCC⁺08, MS01, MSB⁺06]. **Internetwork** [KvRvST93]. **Internetworks** [DC90]. **Interplay** [ZXD⁺23]. **Interposed** [ACV02]. **interposition** [RS04]. **Interprocedural** [ZWH⁺21]. **Interprocess** [BALL91, CCLP83, FR86, PBS89]. **Interrupt** [MR97]. **Interrupt-Driven**

- [MR97]. **Introduction**
 [Jon83a, MT20, Mow12]. **intrusions** [KC05].
Invocations [GS93]. **IO** [PDZ00]. **IO-Lite** [PDZ00]. **ISA** [BMVS15, XBO⁺21].
Isolation [KA24, ZZW⁺21]. **Issue**
 [Jha20, Jon83b, Jon84, Jon88, MT20, Mow12, Sch83, Smi84a]. **IX** [BPP⁺17a, BPP⁺17b].
Java [GS00]. **Job** [Kam84, Kam86].
- K2** [LWZ15]. **Kernel**
 [ABLL92, BLH20, CZ85, GS93, LSPM15, MR97, WLMD16, CG86]. **Kernels**
 [EPP⁺12]. **Key**
 [BDZ⁺20, BBF83, LLL⁺16, Oka88]. **Keys**
 [Blu83]. **KylinX** [ZZW⁺21].
- L4** [HE16]. **Labels** [VEK⁺07]. **Language**
 [Fal87, GY90, SBRP12, RR99]. **languages**
 [HYC⁺03]. **LANs** [DC90]. **Large**
 [CZL⁺15, KH92, KCR11, LA93, RPC⁺13, Sat89, ZWH⁺21, ABG⁺01, JMB05, KSV⁺08].
Large-Scale [CZL⁺15, LA93, RPC⁺13, ZWH⁺21, ABG⁺01, KSV⁺08]. **Last** [Ske85].
Latency [BDZ⁺20, BPP⁺17a, BPP⁺17b, Mow98, SMH⁺21, TL93, Jim05].
Latency-tolerant [SMH⁺21]. **Lattice** [AJ93]. **Layers** [HP94]. **Layout** [CS83].
Lazy [LLSG92]. **Lead** [BCK⁺21]. **leakage** [HKM02]. **Learning** [CLD⁺19]. **Lessons** [HE16]. **Let** [HKM02]. **Level**
 [AISS98, ABLL92, Har87, LEL⁺97, BALL91, CASM08, GEK⁺02, GY90, KA24, Kel00, KY04, PMJPKA05, SWF20, SCZM05, VVP⁺06]. **Level-Structured** [Har87].
Leveraging [SFKP12]. **Liberty** [VVP⁺06].
Library [SJS⁺17]. **Lifetime** [HBD97, FS04].
Lifetimes [Slo83]. **Lightweight**
 [BYFK08, BALL90, EGH⁺03, SMK⁺94, SBS91, VACG09]. **Limitations** [EBS⁺12].
Limits [TL93, YV06]. **Linda** [CG86].
Linearizability [AW94]. **linked** [CKP⁺04].
Links [Bis22]. **Linux** [BLH20, PTS⁺14].
Lite [PDZ00]. **Livelock** [MR97]. **Load**
 [CJ10, DC22, HBD97, NDU⁺19]. **Loading**
 [Kam86]. **Local** [AOST93]. **Local-Area**
 [AOST93]. **Locality**
 [Mog92, HSY05, MT99]. **location** [ZCY⁺24].
Lock [ARJ97, GGL⁺19, IVO⁺19].
Lock-Free [ARJ97]. **Lock-Step** [IVO⁺19].
Locking [GGL⁺19, HA06, LDT⁺16]. **locks**
 [FH07]. **LOCKSS** [MRG⁺05]. **Log**
 [BDZ⁺20, RO92, YZP⁺12, BMD⁺13].
Log-Structured [BDZ⁺20, RO92].
Logging [SHCG94, VLW⁺12]. **Logic**
 [BAN90, GMP92, MMM95]. **Long**
 [HZL⁺17]. **lookups** [SV99]. **Loop**
 [LP93, WY13, ZXD⁺23, ZCR⁺21, MT99].
Loop-Based [WY13]. **Loop-carried**
 [ZCR⁺21]. **Loss** [PW97]. **lossless** [BA06].
Low [BPP⁺17a, BPP⁺17b, CDY⁺17, JB86, TL93, ZMAB09]. **Low-Latency** [TL93].
low-overhead [ZMAB09].
- Machine** [BWD⁺15, CLD⁺19, JBG⁺19, Jha20, LCWB⁺11]. **Mail** [CP86, SBL00].
Maintenance [AMMSB98]. **Manageability**
 [SBL00]. **Managed** [UNS⁺94].
Management [ADLM21, ABLL92, CZW⁺21, FR86, GHBRK12, HMSC88, HKB95, JB86, LE91, LLY⁺24, RSJM21, SLW⁺24, YFLS11, BMNW04, GTHR00, HLMM05, SJS⁺00, VBV03]. **Manager**
 [LHM⁺84b]. **Managing**
 [FS04, TS88, GLL14]. **Many** [RSJM21].
Many-Core [RSJM21]. **Markers** [BBF83].
Market [GLL14, MS01]. **masking**
 [ZMAB09]. **matching** [WVTP01]. **Matrix**
 [Kem83]. **Mean** [HBAK86]. **Measured**
 [CEC⁺96]. **Measurement**
 [CE85, GHPR88, IRH86, EV03]. **Measuring**
 [BHSR02, NYN03]. **Mechanisms**
 [Her87, HMMS98, Slo83, GLL14].
Mechanistic [NEC⁺15, EEKS09]. **Media**
 [AOG92, And93]. **Meet** [LSA⁺20].
Membership [AMMS⁺95, BYFK08, CV21, JVVJ15, KSMD02]. **Memories**
 [CZW⁺21, SNSC14, Str83, TS89]. **Memory**

- [AJ19, BALL91, CBZ95, CCW⁺17, CZW⁺21, DRG17, DTM95, EJ93, ELMP12, FR86, HLRW93, HMMS98, HL07, LE91, LH89, MVZ93, MCS91, MF90, NDU⁺19, SMK⁺94, SLW⁺24, SKZ⁺19, Sta84, Ste97, ACM04, BJS01, BI13, GS00, GTHR00, HLM05, HJK07, KSH⁺05, YKA00, ZCR⁺21]. **Merge** [BDZ⁺20]. **mesh** [ADMER10]. **Message** [LHM84a]. **Messages** [LSW91, RS92]. **metadata** [GMSP00]. **Metascheduling** [And93]. **Method** [AB83, Her86, QTZS07]. **Methodology** [Kem83]. **Methods** [GF93, SHG95, WB91, JL02]. **Metron** [KBK⁺21]. **mice** [EV03]. **Micro** [BGK⁺21]. **Microarchitectural** [AJ19]. **microarchitectures** [GLL14]. **microkernel** [KAE⁺14]. **Microkernels** [HE16]. **Microprocessor** [HKS⁺83]. **microprocessors** [HL07]. **microsecond** [AD00]. **Microservices** [LLY⁺24]. **MIDDLE** [PMJPKA05]. **MIDDLE-R** [PMJPKA05]. **middleware** [PMJPKA05]. **Migration** [BWD⁺15, XBO⁺21]. **Military** [LHM84a]. **MIMD** [Kot97]. **Minerva** [ABG⁺01]. **Minimal** [MSL⁺11]. **Minimizing** [XMM07]. **Minimum** [MLS97]. **Minimum-Distance** [MLS97]. **mining** [VBV03]. **MIPS** [GHPR88]. **Mismatch** [FAK⁺12]. **Miss** [Smi85, Smi87, CT01, GO05, GVO07]. **misses** [CT01]. **Mission** [BGK⁺21]. **Mitigating** [NDU⁺19]. **Mixed** [WLMD16]. **Mixed-Criticality** [WLMD16]. **Mobile** [LWZ15, RLCV11, SGH⁺13, ZR17, AKS11]. **Mobility** [JLHB88]. **Model** [AHH89, AB86, BAA90, GVM⁺11, LHM84a, MCB⁺93, CBG⁺08, EEKS09, YTEM06, YV02]. **Modeling** [IRH86, NEC⁺15, ZX⁺23, COM⁺09, GVO07, VVP⁺06]. **Models** [Bat95, JW98, GO05]. **Modern** [BMVS15, FAK⁺12, PE23, HL07]. **Modular** [RSJM21, KMC⁺00]. **Monitoring** [EGH⁺14, JLSU87, MRF18, Sno88, VBV03]. **Moshe** [KSMD02]. **Most** [LSW91]. **motion** [YN03]. **Movement** [Kin90]. **Moves** [Tic84]. **Multi** [GHBRK12, CKP⁺04]. **multi-chain** [CKP⁺04]. **Multi-Tier** [GHBRK12]. **Multicast** [DC90, GMS91, SBS91, BHO⁺99, MS01]. **Multiclient** [YFLS11]. **Multicomputers** [SB90b]. **Multicore** [BCZY16, BZF10, CKZ⁺15, ELMP12, EBS⁺12, LDT⁺16, SFKP12, WY13, ZY17]. **Multidimensional** [AAC91]. **Multigrain** [YKA00]. **Multilevel** [GM87, YFLS11]. **multimedia** [NL03, YN06]. **Multiphase** [CGL85]. **Multiple** [AMMSB98, CZW⁺21, LSPM15, RS92]. **Multiple-Ring** [AMMSB98]. **Multiplication** [DC85]. **Multiplier** [CS83]. **multiprocessing** [MG01]. **Multiprocessor** [AB86, GS93, MCB84, PL85, SHG95, GO05, GVO07]. **Multiprocessors** [BALL91, BDGR97, HLRW93, Kot97, LE91, LA93, MVZ93, MCS91, Mow98, TE95, Epe98, GTHR00, HJK07, KSH⁺05]. **Multiprogrammed** [MVZ93]. **Multiprogramming** [AHH88, Kam86]. **multisets** [NTW09]. **Multisignature** [Oka88]. **Multitenant** [KA24]. **Multithreaded** [SBN⁺97, SMS⁺03]. **Multithreading** [LEL⁺97]. **multivariate** [GO05, GVO07]. **Multiversion** [CM86]. **Multiweight** [GS93]. **Music** [AK90]. **Mutual** [AE91, BGMS89, Lam87, Mae85, Ray89, San87, SK85]. **MVA** [BKLC84]. **Naming** [CM89, Pet88]. **near** [ASS⁺05]. **near-optimal** [ASS⁺05]. **Nemo** [SYE⁺21]. **nest** [MT99]. **Net** [CG86]. **Nets** [MCB84]. **Network** [AUQ⁺23, ADN⁺96, Bis22, HO95, HY92, Mog92, NWO88, OP92, Ste97, ADMER10, ACV02, AD00, BJS01, HS03, SJS⁺00]. **Network-on-Chip** [Bis22]. **Networking** [MKH⁺21, SKH⁺16, GEK⁺02]. **Networks** [AJ93, AOST93, BYFK08, BLS⁺21, CZL⁺15, ES83, Kir87, KG83, PL85, RJ90,

Rom84, Sau83a, Sau83b, SLI11, TS85, TL93, Zha91, FKA10, JMB05, KSH⁺05, SJS⁺00]. **Neural** [BLS⁺21, CZL⁺15, JL02, Jim05]. **Next** [AGK⁺15]. **NFV** [KBK⁺21]. **No** [Jha20]. **Nodes** [LBM⁺21]. **Noise** [BLS⁺21]. **Non** [BLS⁺21]. **Non-Uniform** [BLS⁺21]. **Nonblocking** [HLMM05]. **nonoperational** [GS00]. **normality** [BHSR02]. **Normalization** [LP93]. **notification** [CRW01]. **novel** [BMNW04]. **NTree** [San88]. **NUMA** [LE91, LP93].

O [BMK01, CP94, Che87, HDV⁺12, Kot97, PDZ00, YSS⁺14, dBBB11]. **obfuscation** [RS10]. **Object** [BBH⁺98, GWS96, AFG99]. **Object-Oriented** [GWS96]. **Objects** [ARJ97, GS93, Ng89, SB90b, Sta84, ADK⁺07]. **Off** [Bis22]. **offense** [WVB⁺10]. **Offloading** [GKXK13]. **On-Off** [Bis22]. **Once** [LSW91]. **online** [ZSV02]. **only** [FKM02]. **OpenMP** [LBM⁺21]. **Operating** [ACM88, AHH88, AISS98, BPP⁺17a, BPP⁺17b, BBCS19, BDGR97, CLFL94, CEC⁺96, Jon88, LWZ15, PLZ⁺16, SBWT87, WABL94, KWDB06, SBL05, VEK⁺07]. **Operation** [KS92, BM00]. **Operations** [HMMS98]. **Optimal** [KG83, ASS⁺05, GLPQ10]. **Optimality** [Kam84]. **Optimally** [MLS97]. **Optimistic** [SY85, Rin99]. **optimization** [MWP⁺01]. **Optimized** [Kir87]. **Optimizer** [SKZ⁺19]. **Optimizing** [BGK⁺21, LLY⁺24, SGH⁺13, SYE⁺21, YSS⁺14, ZXD⁺23, ZR17]. **Orca** [BBH⁺98]. **Orchestrating** [PCB⁺23]. **Order** [San88, EEKS09, GLPQ10]. **Ordered** [GMS91]. **Ordering** [AMMSB98, AMMS⁺95, Rom84]. **Oriented** [BWD⁺15, GWS96, KS97, SMS08]. **Original** [BDR⁺12]. **out-of-core** [BMK01]. **out-of-order** [EEKS09]. **overhead** [DR99, MKH⁺21, ZMAB09]. **Overlap** [BW84]. **Overlays** [BCK⁺21]. **Packet** [Slo83, Zha91, HVP99]. **packet-striping** [HVP99]. **Packet-Switched** [Zha91]. **packets** [SJS⁺00]. **packing** [BM00]. **PACS** [HKS⁺83]. **Page** [KH92]. **Paged** [Sta84]. **Papers** [MT20]. **paradigm** [AMS⁺09]. **Paradigms** [PPA⁺15]. **Paragon** [DK13]. **Parallel** [AV04, BAA90, CLVW94, CF96, EJ93, GLM91, GWS96, HKS⁺83, JW98, LAB⁺13, WY13, RR99, VBR⁺04]. **parallel-programming** [VBR⁺04]. **Parallelism** [ABLL92, LEL⁺97, ALHH08]. **parallelized** [DR99, Rin99]. **Parallelizing** [VLW⁺12, CASM08]. **Parameters** [GvB90]. **Parametric** [JEJ13]. **Parity** [SHCG94]. **Parliament** [Lam98]. **Part** [Lam98]. **Part-Time** [Lam98]. **Partial** [AUQ⁺23, BWD⁺15, San88]. **partitionable** [FLS01]. **Partitioning** [AUQ⁺23, WPB⁺14, ZZNM02]. **Path** [PL85]. **Pattern** [Bis22]. **PCIe** [MKH⁺21]. **Peak** [CDY⁺17]. **Peer** [BBCS19, JVG⁺07, MRG⁺05, QBD⁺08]. **Peer-to-Peer** [BBCS19, MRG⁺05, QBD⁺08]. **Perfect** [MT99]. **Performance** [AHH88, AK90, BBH⁺98, BMVS15, CFKL96, CM86, CP94, CEC⁺96, CM89, Cla83, CE85, CDW06, CGJ88, DTM95, ES83, ELMP12, HMMS98, HKM⁺88, KS97, LZCZ86, MCB84, PL85, PS16, SS96a, SFKP12, SLJ⁺14, SB90a, SBWT87, SGH⁺13, Sta84, TR84, TS85, WB91, AV04, BM00, COM⁺09, EEKS09, HS03, HBSBA03, KBK⁺21, LN06, NYN03, QBD⁺08, SBL00]. **Performance-Oriented** [KS97]. **persistent** [AFG99]. **Personal** [AISS98, CEC⁺96, HLZ⁺16]. **Perspective** [AJ19]. **perturbation** [AKS11]. **perturbation-resilient** [AKS11]. **pervasive** [GDL⁺04]. **Petri** [MCB84]. **Pfair** [HA06]. **Physical** [LSA⁺20]. **Pipelined** [CS83]. **Pipes** [GG88]. **Pivot** [MRF18]. **Placement** [KH92]. **Planar** [AJ93]. **Plane** [PLZ⁺16]. **Platform**

[CKC12, LLL⁺16]. **Policies** [Kam86, LE91]. **Policy** [Kam84, MVZ93, GB01]. **Pooling** [NDU⁺19]. **Porcupine** [SBL00]. **Portable** [GWS96, LDT⁺16]. **Power** [BCZY16, BMVS15, CDY⁺17, EBS⁺12, EG85, GM98, GWSU13, ZTQ⁺17, BM00]. **Power-Efficient** [BCZY16]. **PowerNap** [MGW11]. **Practical** [CL02, ZMAB09, RD99]. **Practice** [LABW92]. **Pragmatic** [GGL⁺19]. **pre** [KY04]. **pre-execution** [KY04]. **Precise** [ZCR⁺21]. **Predicted** [CP94]. **Predicting** [YKKK10]. **Prediction** [GM98, PS16, SS96a, TS85, AV04, JL02, Jim05]. **Preface** [Jon83b, Jon84, Jon88, Sch83, Smi84a]. **prefetch** [CKP⁺04]. **Prefetching** [AJ19, CFKL96, Mow98, TE95, APD03, BMK01, CKP⁺04, LM01]. **prefix** [SV99, WVTP01]. **Presence** [BJ87, KBK⁺21]. **preservation** [MRG⁺05]. **Preserving** [PBS89]. **Preventing** [BDZ⁺20, YKKK10]. **Primitive** [LCWB⁺11]. **Primitives** [SBWT87, Rin99]. **Principles** [Jon88, Smi86, ACM88]. **Priority** [BKLC84]. **Privacy** [EGH⁺14]. **Proactive** [RS10, CL02]. **Probabilistic** [DRG17, FKA10, EGH⁺03]. **Problem** [AT83, Tic84, GMSP00]. **Procedure** [BALL90, BN84, Bir85]. **Procedures** [GG88]. **Process** [CZ85, HBD97, Ske85, XDH⁺21]. **Processes** [Mog92, VEK⁺07]. **Processing** [CCW⁺17, CZW⁺21, GWS96, Kam84, Kam86, PCB⁺23, SKZ⁺19, SYE⁺21, ZCR⁺21, AD00]. **Processing-in-memory** [ZCR⁺21]. **Processor** [CCLP83, GHPR88, IVO⁺19, Kam84, MVZ93, MF90, BM00, CY09]. **Processors** [CDY⁺17, CKZ⁺15, FAK⁺12, GJT⁺12, SS83, Sch84, EEKS09, RLCV11, SMS⁺03]. **Profile** [Pet88]. **Profiling** [ABD⁺97]. **Program** [Atk88, AV04, ZZNM02]. **Programmability** [LAB⁺13]. **Programmable** [Fal87, BI13].

Programming

[CM88, FH07, RR99, VBR⁺04]. **Programs** [DTM95, GY90, SBN⁺97, SKH⁺16, WY13, DR99, Rin99]. **Proof** [GM87]. **Property** [Bis22]. **Protect** [Bis22]. **Protected** [BPP⁺17a, BPP⁺17b]. **Protection** [BAA90, CLFL94, HP87, San88]. **Protocol** [AMMSB98, AMMS⁺95, BBF83, GKXK13, GvB90, KvRvST93, Kir87, SL83]. **Protocols** [AB86, AGK⁺15, CM84, CGL85, KP91, SL83, Sha89, AKS11, HVP99, RR99, SMS08, VBR⁺04]. **Providing** [LLSG92]. **Provisioning** [GWSU13, ABG⁺01]. **Pseudorandom** [Sha83]. **Public** [HP87, Oka88]. **Public-Key** [Oka88]. **Publication** [Bir97]. **Publish** [CJ10, JEJ13, SLI11]. **Publish/Subscribe** [CJ10, JEJ13]. **Purpose** [ZR17, BJS01].

QoS [DK13]. **QoS-Aware** [DK13].

Quantifying [FAK⁺12, MT99].

Quantitative [JW98]. **Quantization**

[BLS⁺21]. **Queueing** [ES83, KG83, Sau83a]. **Queuing** [Sau83b, TS85]. **Quick** [HZL⁺17]. **Quickly** [ASS⁺05]. **QuickSilver** [HMSC88]. **Quorum** [Her86, FKA10].

Quorum-Consensus [Her86].

R [LHM⁺84b, PMJPKA05]. **Race**

[SBN⁺97]. **Rack** [NDU⁺19]. **Rack-Scale**

[NDU⁺19]. **RAID** [CLVW94]. **RAMCloud**

[OGG⁺15]. **Random** [BYFK08]. **Range**

[WPB⁺14]. **rate** [GO05]. **rates** [GVO07].

Ratio [Smi85, Smi87]. **RaWMS** [BYFK08].

RDMA [CCW⁺17]. **read** [FKM02].

read-only [FKM02]. **Reading** [Lam90].

Real [ARJ97, BS91, DC22, GS93, KH92,

MMM95, SBWT87, KPHV11, XMM07].

Real-Indexed [KH92]. **Real-Time**

[BS91, GS93, MMM95, SBWT87, ARJ97,

DC22, KPHV11, XMM07]. **Realtime**

[EGH⁺14]. **Rearrangement** [AS95].

Reasoning [GMP92]. **Reassignment**

[BGMS89]. **Receive** [MR97]. **Reclamation**

- [ZCY⁺24]. **Reconfiguration** [DD98]. **record** [RD99]. **record/replay** [RD99]. **Recoverable** [SMK⁺94]. **Recovering** [SABL06]. **Recovery** [DKM96, HMSC88, MC11, SY85, CL02]. **RecPlay** [RD99]. **Recursive** [DC85]. **Reduce** [PS16]. **Reduced** [HL91]. **Reducing** [CBZ95, HKM02]. **Redundant** [PL85]. **Redundant-Path** [PL85]. **REEF** [CCC⁺17]. **Reformulating** [SWB⁺23]. **Register** [GJT⁺12, HL91, SMH⁺21]. **Reining** [HZL⁺17]. **Related** [CBZ95]. **Relational** [Sno88]. **Relations** [ZXD⁺23]. **Relevance** [BMVS15]. **Reliability** [Bab87, IRH86, ZTQ⁺17, SBL05]. **Reliable** [BJ87, CM84, GMS91, KS91, KP91, PGM89]. **Remark** [Smi87]. **Remote** [BALL90, BN84, Bir85, GG88]. **Replay** [VLW⁺12, RD99]. **Replicated** [Her87, JB86, YV02, YV06]. **Replication** [Her86, JBG⁺19, Jha20, LLSG92, ZSS⁺18, PMJPKA05, VACG09]. **Reputation** [ADLM21]. **request** [ACV02]. **Requests** [Kin90, LLL⁺16]. **Requirements** [CDY⁺17, JT88]. **Research** [HE16]. **Reservation** [And97]. **resilient** [AKS11]. **Resource** [HS96, Kem83, LCG⁺16, LLY⁺24, ZHD⁺19, ZCY⁺24, ABG⁺01, CY09, GTHR00]. **Response** [Har87, ONA04]. **Responsibility** [GKXK13]. **Responsive** [Smi86]. **Restoring** [HL91]. **Restructuring** [LP93]. **Retainable** [CCC⁺17]. **Retargetable** [SWF20]. **Rethink** [NVCF08]. **Reuse** [BCZY16, WY13, ZY17]. **Ring** [AMMSB98, AMMS⁺95]. **RISC** [BMVS15]. **River** [AD03]. **Robotics** [SBWT87]. **Robust** [GHBRK12, VBV03]. **Role** [BGK⁺21]. **Rollback** [GF93]. **ROME** [BCK⁺21]. **Round** [KP91]. **Round-Trip** [KP91]. **Router** [Bis22, KMC⁺00]. **Routers** [Bis22]. **Routing** [DC90, KG83, MLS97, ACV02]. **RPC** [SB90a]. **Rule** [CKZ⁺15, GFN89]. **Rule-Based** [GFN89]. **Run** [AD03, EJ93, GWS96, HYC⁺03]. **Run-Time** [EJ93, GWS96, AD03, HYC⁺03]. **Running** [BDZ⁺20, BDGR97]. **Runtime** [CT01, LBM⁺21]. **Rx** [QTZS07]. **Ryoan** [HZX⁺18]. **S** [CG86]. **S/Net** [CG86]. **S2E** [CKC12]. **safe** [HYC⁺03, QTZS07]. **sampling** [BMK07, JVG⁺07]. **Sandbox** [HZX⁺18]. **Saving** [HL91]. **Saving/Restoring** [HL91]. **Scalable** [BDGR97, CKZ⁺15, HLS95, HLRW93, JVVJ15, LLY⁺24, MCS91, WVTP01, AMS⁺09, ACV02, SBL00, VBV03, KCR11, NTW09]. **Scale** [CZL⁺15, FAK⁺12, GVM⁺11, HLZ⁺16, HKM⁺88, HZL⁺17, LA93, LCG⁺16, Mog92, NDU⁺19, RPC⁺13, ABG⁺01, KSV⁺08, ZWH⁺21]. **Scale-Out** [FAK⁺12]. **Scaling** [CV21, CP94, SLJ⁺14, WY13, XMM07]. **Scheduler** [ABLL92, GJT⁺12, KWS97, NL03]. **Scheduler-Conscious** [KWS97]. **Scheduling** [AOST93, BZF10, CFKL96, DC22, DRG17, GD87, KPHV11, Kam84, MCB⁺93, PS16, PGM89, SFKP12, AD01, CKP⁺04, DK13, Epe98, HBSBA03, HA06, HL07, QBD⁺08, YN06]. **Scheme** [HKB95, Oka88, RJ90]. **Scientific** [HKS⁺83]. **Seamless** [BBCS19]. **seance** [MG01]. **search** [RLCV11]. **SEATTLE** [KCR11]. **Second** [LLL⁺16]. **Secret** [Blu83, HZX⁺18]. **Sector** [TS89]. **Secure** [Bir85, GM87, JVVJ15, ZZNM02, FKM02, ZSV02]. **Securing** [SLI11]. **Security** [BAA90, GMP92, JT88, LHM84a, RBvR94, Sat89]. **Seer** [DRG17]. **Selective** [VACG09]. **Self** [CP94, SLJ⁺14]. **Self-Scaling** [CP94]. **Self-Tuning** [SLJ⁺14]. **Sensors** [Mar90]. **Sentinel** [MCB⁺93]. **Separating** [GB01]. **Separation** [WLMD16]. **Sequences** [Sha83]. **Sequential** [AW94, VLW⁺12]. **Serialization** [AB83]. **serious** [YTEM06]. **Server** [AB83, KG21, LLL⁺16, MGW11,

AFG99, ONA04, QBD⁺⁰⁸]. **server-side** [QBD⁺⁰⁸]. **Serverless** [ADN⁺⁹⁶]. **Servers** [ZHD⁺¹⁹, CDW06, ZMAB09]. **Service** [CM89, GvB90, JVVJ15, KBK⁺²¹, Pet88, CRW01, FLS01, KSMD02, KWDB06, MSB⁺⁰⁶, SBL00, BYFK08]. **Services** [JBG⁺¹⁹, Jha20, KA24, WM87, BHSC98, YV02, YV06]. **Serving** [NDU⁺¹⁹]. **Set** [CLD⁺¹⁹, SA95]. **Set-Associative** [SA95]. **Sets** [JT88]. **Shared** [ARJ97, BBH⁺⁹⁸, BALL91, CBZ95, EJ93, HLRW93, Kem83, KSH⁺⁰⁵, LH89, LLY⁺²⁴, MVZ93, MCS91, SS84, BMD⁺¹³, BJS01, GTHR00, Kel00, YKA00]. **Shared-Memory** [CBZ95, EJ93, MVZ93, MCS91, GTHR00]. **Shared-Object** [BBH⁺⁹⁸]. **Sharing** [CLFL94, LBM⁺²¹, MKH⁺²¹, ZHD⁺¹⁹, HYC⁺⁰³]. **Shielding** [BPH15]. **Shooting** [KG21]. **side** [QBD⁺⁰⁸]. **SIGOPS** [ACM88]. **Silicon** [EBS⁺¹²]. **SILK** [BDZ⁺²⁰]. **Simple** [HKB95]. **Simplified** [ZZW⁺²¹]. **Simulation** [ADLM21, AB86, CE85, SA95, VVP⁺⁰⁶, WB91]. **Simulations** [GLM91]. **Simultaneous** [LEL⁺⁹⁷, SMS⁺⁰³]. **Sinfonia** [AMS⁺⁰⁹]. **Single** [AMMS⁺⁹⁵, CLFL94, HL91, LSPM15, LLL⁺¹⁶]. **Single-Address-Space** [CLFL94]. **Single-Ring** [AMMS⁺⁹⁵]. **Single-Window** [HL91]. **Sirius** [HLZ⁺¹⁶]. **Size** [HBSBA03]. **Size-based** [HBSBA03]. **sized** [HLMM05]. **sketches** [NTW09]. **SKMD** [LSPM15]. **Sleep** [BLH20]. **Sleep-in-atomic-context** [BLH20]. **slow** [NYN03]. **slow-motion** [NYN03]. **Small** [CZL⁺¹⁵, Sta84]. **Small-Footprint** [CZL⁺¹⁵]. **Smart** [SJS⁺⁰⁰, NL03]. **SmartIO** [MKH⁺²¹]. **Smartphone** [DAH⁺¹²]. **Smartphones** [EGH⁺¹⁴]. **SMesh** [ADMER10]. **SMMP** [ADK⁺⁰⁷]. **SMT** [CY09]. **Snapshots** [CL85]. **SnowFlock** [LCWB⁺¹¹]. **SoCs** [RSJM21]. **Soft** [AD00, GMSP00, VACG09]. **Software** [ADLM21, AJ19, BS91, CKZ⁺¹⁵, GGL⁺¹⁹, HP87, HLRW93, SLW⁺²⁴, Smi86, UNS⁺⁹⁴, WPB⁺¹⁴, YZP⁺¹², AD00, CBG⁺⁰⁸, MWP⁺⁰¹, QTZS07]. **Software-Managed** [UNS⁺⁹⁴]. **Solid** [SNSC14]. **Solid-State** [SNSC14]. **Solution** [AE91, AT83, GMSP00]. **Some** [BCK⁺²¹]. **Sorting** [RPC⁺¹³]. **Source** [ELMP12, KY04]. **source-level** [KY04]. **Space** [CLFL94]. **Spanner** [CDE⁺¹³]. **Sparse** [PCB⁺²³]. **Spatial** [PPA⁺¹⁵]. **SPEC'95** [MT99]. **Special** [Jon83b, Jon84, Jon88, MT20, Mow12, Sch83, Smi84a]. **Specialization** [MWP⁺⁰¹, SFKP12]. **Specialized** [ZZW⁺²¹]. **Specific** [CDY⁺¹⁷]. **Specification** [GM87, SL83]. **Specifications** [GvB90, MMM95]. **Specifying** [FLS01, HJK07]. **speculation** [CASM08, SCZM05]. **Speculative** [GM98, KMG16, MCB⁺⁹³, NCF06, SMS⁺⁰³, KAD⁺⁰⁹]. **Speed** [Ste97, TL93, AOST93, GFN89, WVTP01]. **Spikes** [BDZ⁺²⁰]. **SPIN** [BBCS19]. **Spot** [HY92]. **Sprinting** [ZFF⁺¹⁷]. **Sprite** [NWO88]. **SR** [Atk88]. **SSDs** [BBCS19, ZTQ⁺¹⁷]. **Stack** [LLL⁺¹⁶, TS89]. **Stackable** [HP94]. **STAMPede** [SCZM05]. **standards** [BI13]. **State** [JBG⁺¹⁹, Jha20, SNSC14, Sau83a, Sau83b]. **State-Dependent** [Sau83a, Sau83b]. **Stateful** [RS04]. **stateless** [SMS08]. **States** [CL85]. **Static** [KMG16, PS16, Sta84, ZWH⁺²¹]. **Stating** [JT88]. **stealing** [ALHH08]. **Step** [IVO⁺¹⁹]. **Stochastic** [MCB84]. **stock** [MS01]. **Stop** [SS83, Sch84]. **Storage** [CM88, JLL⁺¹⁶, Kem83, MSL⁺¹¹, OGG⁺¹⁵, PE23, SNSC14, SGH⁺¹³, WGSS96, YSS⁺¹⁴, ABG⁺⁰¹, ACV02, ASS⁺⁰⁵, CDG⁺⁰⁸, HSY05]. **Store** [LLL⁺¹⁶, AFG99]. **Stored** [TS88]. **Stores** [BDZ⁺²⁰]. **Strategies** [TR84, ZFF⁺¹⁷, BM00]. **Stream** [Kam84, Kam86]. **Streamline** [dBBB11]. **Streams** [HKB95]. **String** [Tic84]. **String-to-String** [Tic84]. **Striped** [HO95]. **striping** [HVP99]. **Strong** [PW97, Sha83, ZZW⁺²¹]. **Structure**

- [San87]. **Structured**
 [BDZ⁺20, Har87, HBAK86, RO92, CDG⁺08].
Structures
 [Atk88, SWB⁺23, CKP⁺04, HLMM05].
Study
 [GF93, SS96b, ZY17, KWDB06, KY04].
Subscribe [CJ10, JEJ13, SLI11].
Subscribers [Rom84]. **Substrate**
 [ELMP12]. **Subsystem** [YSS⁺14].
Supercloud [SJS⁺17]. **superscalar**
 [EEKS09]. **Support** [ABLL92, EJ93, GS93,
 GWS96, HL91, XDH⁺21, AD00, BJS01,
 GDL⁺04, HS03, HLMM05, HYC⁺03, LM01].
Supporting [CZW⁺21, KvRvST93].
Supports [HKB95]. **survive** [QTZS07].
SW [KMG16]. **Switch** [AOST93].
Switched [MLS97, Zha91]. **symmetric**
 [KSH⁺05]. **Symphony** [PCB⁺23].
Symposium [ACM88]. **sync** [NVCF08].
Synchronization
 [HY92, KWS97, LA93, MCS91, DR99, Rin99].
Synchronized [LSW91]. **Synchronizing**
 [SS84]. **System** [AHH88, AISS98, AK90,
 AOG92, BBH⁺98, BPP⁺17a, BPP⁺17b,
 BBCS19, BKT85, CLFL94, Che87, CF96,
 DKM96, DTM95, EGH⁺14, GM87, GDL⁺04,
 HO95, HKM⁺88, IRH86, JLHB88, Koc87,
 KS97, KLS86, LHM84a, LWZ15, LLY⁺24,
 MJLF84, NWO88, NCPM17, OGG⁺15,
 PLZ⁺16, PGM89, RPC⁺13, RO92, SRC84,
 Sat89, SBN84, SBWT87, SS96b, SWF20,
 SLI11, TS88, WGSS96, WABL94, ZCR⁺21,
 BHSC98, BHSR02, CDG⁺08, FKM02, HP94,
 KWDB06, KSH⁺05, MRG⁺05, MS01,
 MWP⁺01, NCF06, PDZ00, RD99, SFKW14,
 VVP⁺06, VBV03, VEK⁺07, YTEM06, KS92].
System-level [SWF20]. **systematic**
 [MWP⁺01]. **Systemizing** [ZWH⁺21].
Systems [ACM88, ADLM21, AB83,
 ADN⁺96, And97, Bab87, Bat95, BAA90,
 BZF10, BDGR97, CBZ95, CL85, CEC⁺96,
 Che87, CJ10, CDD96, ELMP12, Fal87,
 GGL⁺19, GFN89, GVM⁺11, Har87, Jha20,
 Jon88, JB86, JLSU87, KvRvST93, Kam86,
 LABW92, LH89, MRF18, Mae85, MMM95,
 MCB84, PL85, PE23, PW97, RBvR94,
 SFKP12, SS83, SBWT87, Smi86, Sno88,
 Ste97, SY85, WLMD16, ZWH⁺21, AMS⁺09,
 ABG⁺01, AD01, CBG⁺08, FKA10,
 GMSP00, GEK⁺02, GB01, HSY05, KSV⁺08,
 MG01, SBL05, VBR⁺04, XMM07, YKKK10].
Tailored [dBBB11]. **Tails** [HZL⁺17].
TaintDroid [EGH⁺14]. **Taos** [WABL94].
task [AV04]. **Tax** [RDB⁺21]. **TCLS**
 [IVO⁺19]. **TCP** [GKXK13, ZMAB09].
TCP-based [ZMAB09]. **Technique**
 [BW84, VACG09]. **Techniques**
 [CBZ95, MWP⁺01]. **technology** [VBV03].
Tensors [PCB⁺23]. **Test** [MMM95].
Testing [GVM⁺11, MC11]. **Their**
 [HMMS98]. **Theory** [LABW92]. **thin**
 [LN06, NYN03]. **thin-client**
 [LN06, NYN03]. **Thread**
 [GJT⁺12, LEL⁺97, CASM08, SCZM05].
Thread-Level
 [LEL⁺97, CASM08, SCZM05]. **Throttling**
 [ELMP12]. **Throughput**
 [BPP⁺17a, BPP⁺17b, GKXK13, GJT⁺12,
 GLPQ10, LLL⁺16, ZCY⁺24]. **TickerTAIP**
 [CLVW94]. **Tier** [GHBRK12]. **Tiered**
 [SLW⁺24]. **Tiered-Memory** [SLW⁺24].
Tiling [ZXD⁺23]. **Time**
 [BS91, BGK⁺21, EJ93, GS93, GWS96,
 KP91, Lam98, MMM95, RS92, SBWT87,
 ARJ97, AD03, DC22, HYC⁺03, KPHV11,
 ONA04, XMM07]. **Time-Critical** [RS92].
timer [AD00]. **timers** [AD00]. **Times**
 [Har87]. **Timestamp** [AJ93]. **Timing**
 [Kem83]. **TLBs** [UNS⁺94]. **TLS** [CDW06].
TMR [PGM89]. **TOCS** [Jha20, Bir97].
Tolerable [JT88]. **Tolerance**
 [BBG⁺89, BS96, CM89, DD98, PW97, CL02,
 CRL03, CDD96, KAD⁺09]. **Tolerant** [AE91,
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