A Complete Bibliography of *ACM Transactions on Computer Systems*

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08 April 2017  
Version 1.64

Title word cross-reference

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

**-Body** [SHG95].

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

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

**432** [CGJ88, CCLP83].

**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** [HY92, Kel00].  
**accessing** [ACM04].

**accounting** [EV03].  
**accuracy** [Jim05].

**Accurate** [GVM+11, NTW09].  
**Ace** [RR99].

**Achieve** [LLL+16].  
**ACM/SIGOPS** [ACM88].

**Action** [Sch84].  
**Actions** [Ree83].

**Activations** [ABL92].  
**active** [SJS+00].

**Activity** [IRH86, MSB+06].  
**Ad** [BYFK08, FKA10].  
**Adaptable** [AC92].

**Adaptation** [BS91, AD03, FS04].  
**Adaptive** [ALHH08, AS95, MLS97, CT01].

**Address** [CLFL94, SV99].  
**Affected** [IRH86].

**Aggregate** [AB83].  
**aggregation** [JMB05].

**Aggressive** [GWSU13].  
**Air** [CDD96].

**Algorithm** [Bad86, DC85, HBAK86, Lam87, Mae85, Ray89, SK85, Zha91].

**Algorithms** [CM86, GD87, GLM91, KS91, KH92, LA93, MCM91, San87, Sau83a, Sau83b, TS89, KY04].

**allergies** [QTZS07].  
**Allocation**
[DTM95, Koc87, MVZ93]. **Alpine** [BKT85].
**Analysis** [BCZY16, HBAK86, PL85, SS96a, Smi85, Smi87, TR84, TS89, WB91, WY13, WPB+14, AV04, CDW06]. **Analytical** [AHH89]. **Analytics** [JLL+16]. **Analyzing** [AB83]. anomaly [COM+09]. **Anticipation** [Kin90]. **APLOS** [Mow12]. **Apple** [HDV+12]. **Application** [CFKL96, YFLS11, dBBB11, CKP+04, GEM+02].
**Application-Controlled** [CFKL96].
**application-level** [GEM+02].
**Application-Tailored** [dBBB11].
**Applications** [BPH15, CKC12, FAK+12, GS93, HDV+12, HMMS98, Ste97, APD03, BMK01, COM+09, GDL+04, HL03, YN06].
**Applied** [FG93]. applying [SJS+00].
**Approach** [CP94, Ken83, RS92, SS83, SBRP12, Sno88, WZKSL15, LM01, SMS08, SCZM05, VVP+06]. **Appropriate** [WMS7].
**Approximate** [SNSC14]. **Approximation** [BKLC84, SLJ+14]. **Architecting** [LLL+16].
**Architectural** [CGJ88, HL91, LM01, NEC+15].
**Architecture** [BDR+12, CLW94, CM88, DAH+12, GHPR88, KCR11, MGW11, MF90, OP92, RBvR94, SLI11, Ste97, HVP99, SS+07].
**Architectures** [BMVS15, LDT+16].
**Area** [AOST93, SS96b, CRW01, K+05, LN06].
**Arguments** [SRC84]. **Arm** [Kin90].
**Arrakis** [PLZ+16]. **Array** [KHS+83].
**Arrays** [SHCG94]. Asbestos [VEK+07].
**Assignments** [BGM86]. Assistant [HLZ+16]. **Assisting** [KMG16].
**Associative** [SA95]. **Astrolabe** [VBV03].
**Asymmetric** [SFKP12]. **At-Most-Once** [LSW91]. **Atomic** [AC92, Ng89, Rec83, SBS91, AKS11].
**Atomicity** [GS93, Her87]. **Audio** [And97].
**Audio/Video** [And97]. **Authentication** [BAN90, LABW92, WABL94]. **Author** [Ano96]. **authority** [ZSV02]. **Authors** [Ano83, Ano84b]. **Automated**
**AutoScale** [GHRK12]. **Availability** [BGMS89, Her87, LLSG92, SBL00, YV06].
**Avoidance** [RJ90]. **Aware** [BZJF10, JK13, 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, GFM98, JEJ13, Koc87, KS97, LSW91, Ray89, SGH+13, TE95, WY13, BM00, BMK01, HBSA03, JMB05, JVG+07, SBL00, SH00, YV02, ZMB09].
**Basis** [HS96]. **Batteries** [GWSU13]. battery [FS04].
**Behavior** [Bat95, HDV+12, Str83, WZKSL15, GS00, HM02]. **Behind** [MBH+94]. being [BMVS15].
**Benchmark** [SS96a]. benchmarking [NYN03].
**Benchmarks** [CP94, MT99]. between [FAK+13, LAB+13]. **BFT** [AGK+15]. Big [JLL+16].
**Bigtable** [CDG+08]. **Bijective** [Oka88]. **Billion** [LLL+16].
**Billion-Requests-Per-Second** [LLL+16].
**Binomal** [SA95]. **Block** [AS95, KS97, Tic84, YSS+14]. **BlueDBM** [JLL+16]. **Body** [SHG95]. Bound [ES83].
**Bounds** [Slo83, TS85]. branch [JL02, Jim05]. **Bringing** [BDR+12].
**Broadband** [Kir87]. **Broadcast** [CM84, KS91, EG+03, GLPQ10]. **Buddy** [Koc87]. **Buffer** [CE85, CT01, HJK07].
buffering [PDZ00]. bugs [QTZ07].
**Building** [KS97, AMS+09, CBG+08].
**Building-Block** [KS97]. Bus [HKB95, TE95]. **Bus-Based** [TE95].
**Byzantine** [CL02, KAD+09, Sch84].

**Cable** [Rom84]. **Cache** [AHH88, AHH89, AB86, BCZY16, Cla83,
MBH+94, Smi85, Smi87, Str83, SA95, TS87, TE95, WB91, YFLS11, BMK07, CT01,
GO95, GV007, HKM02]. Caches
[KK92, HKM02]. Caching
[CFKL96, NWO88, PDZ00, SH00].
Calculations [HKS+83]. Call
[APD03, BALL90]. Calls [BN84, Bir85].
Calympso [DKM96]. Capacity [GHBRK12].
cardinality [NTW99]. Cascade [EG85].
Case [GF93, KWDB06]. Cases [MM95].
Causal [SBS91]. Cells [DAH+12]. Cellular
[GTHR00]. Centers [GHBRK12]. Central
[Kam84]. Centralized [BAA90]. Certes
[ONA04]. certification [ZSV02]. chain
[CKP+04]. Challenge [EBS+12]. Channels
[Kem83]. CHAOS [GS93]. Characteristics
[SS96a]. characteristics [GS00].
checking [YTEM06]. Checkpointing
[TR84]. Chip [GF93]. Choices [WM87].
Chores [EJ93]. Ciphers [EG85]. Circuit
[ML97]. Circuit-Switched [ML97].
CISC [BMVS15]. Class
[LCWB+11, MCB84]. click [KMC+00].
client [AFG99, LN06, NYN03, ONA04].
client-server [AFG99]. climbing [CY99].
clock [BM00]. Clocks [Lam90, LSW91].
Cloning [LCWB+11]. Closed [KG83].
Closely [KLS86]. Closely-Coupled
[KLS86]. Cloud
[BPH15, LCWB+11, MSL+11]. Cluster
[VBR+04, GLQP10, SBL00]. cluster-based
[SBL00]. Clusters
[EPF+12, GTHR00, KSH+05]. Coarse
[PPA+15]. Coarse-Grained [PPA+15].
COCA [ZSV02]. Coda [KS92, Sat02].
Code [MC11, KY04]. Codesigned
[KMG16]. Coherence
[AB86, LH89, LWZ15]. Coherent
[MBH+94]. Coin [PW97]. Collaboration
Combining [PS16]. commit [AKS11].
Commodity [BDGR97, SBL05].
Communication [BW84, BALL91, BJ87,
 Bir85, CBZ95, CGL85, CCLP83, FR86,
GMS91, GG88, LHM+84b, PPA+15, PBS89,
TL93, BHSC98, FLS01, MG01, VBR+04].
Commutativity [CKZ+15]. Comparison
[JW98, LE91]. Compiler [BMK01, KMG16,
MCB+93, Mow98, ACM04, KY04, LMo1].
Compiler-based [BMK01].
Compiler-Controlled [MCB+93].
compiler-enabled [ACM04].
Compiler-Inserted [Mow98]. Complex
[Sno88]. Complexity [CGJ88, PS16].
component [CBG+08]. Compositions
[KS97]. Comprehensive
[GO05, GVO07, KAE+14]. compression
[BA06]. Computation [JW98, LHM+84b].
Computational [Sau83a, Sau83b].
Computer [AB83, AK90, BW84, CEC+96,
IRH86, RJ90, Smi84b]. Computers
[HLZ+16, LP93]. Computing
[ARJ97, Bab87, EJ93, SS83, SGH+13,
KSH+05, LN06]. Concurrency
[AC92, CM86, Her87]. Concurrent
[FH07, GY90, HLS95, Lam90].
Configurable [ELMP12, BHSC98].
Configuration [SBRP12]. conflict [CT01].
Congestion [RJ90]. conit [YV02].
conit-based [YV02]. connection [SMS08].
connection-oriented [SMS08]. Consious
[WKS97]. Consensus [Bab87, Her86].
Consensus-Based [Bab87]. Consideration
[Smi87]. Considerations [Smi85].
Consistency
[AW94, CBZ95, GS00, HJK07, YV02].
Consistency-Related [CBZ95].
Consistent [PMJPKA05]. Constraints
[BGMS89]. Constructing
[CGL85, Smi86, BHSC98]. construction
[KY04]. consumption [XMM07].
containment [CCC+08]. Content
[BW84, CJ10, JEJ13]. Content-Based
[CJ10, JEJ13]. Content-Induced [BW84].
Contention [BZF10, Kir87].
Contention-Aware [BZF10]. Context
[PBS89]. Continuous [AGO92, And93,
ABD+97, HKB95, Mar90, YV02].


Emerald [KCR11]. Ethernet Estimates [KP91]. Error [ABLL92, HY92, Rin99, TE95, LM01]. Effects [AB86, BBH87, ADN95, AOG92, ADN97, BM00, DR99, HLM05, JMB05, JL02, XMM07]. dynamic-sized [HLMM05].

Editing [And97]. Editor [Jon83a]. Editorial [Birt97, Che10, Ell03, Ell05, Lev97, Mow13]. effect [MG01]. Effective [ABLL92, HY92, Rin99, TE95, LM01]. Effects [CGJ88, Kam86, MF90]. Efficiency [LAB+13, LCG+16, WM87, ACM04]. Efficient [AE91, BCZY16, GJT+12, GG88, HK95, LSW01, MC11, PPA+15, RPC+13, TS89, WB91, YN06]. Electronic [Birt97, PW97]. elephants [EV03]. Eliminating [DR99, MR97].

Emerging [FAK+12]. Empirical [SS96b]. enabled [ACM04]. End [CCC+08, HLT+16, SRC84]. End-to-End [HLT+16, SRC84, CCC+08]. Energy [BA06, BWD+15, BMVS15, GJT+12, RPC+13, WPB+14, YN06, ACM04, FS04, HKM02, RLCV11, XMM07]. Energy-aware [BA06, FS04]. Energy-Efficient [GJT+12, RPC+13, YN06, RLCV11].


Evaluation [AB86, BBH+98, CP94, DAH+12, GHPR88, MCB84, CRW01, SMS+03, YV02]. Event [Bat95, BBF83, CRW01, VEK+07]. Event-Based [Bat95]. EventGuard [SLI11]. evolution [Sat02]. Exchange [Bhu83]. Exclusion [AE91, BGMS89, Lam87, Mae85, Ray89, San87, SK85]. Execution [GM98, MCB+93, KY04, NCF06, SMS+03]. exokernel [GEK+02]. expansion [SV99]. expected [XMM07]. Experience [ADK+07, SBN84]. Experimental [LE91].


Focusing [EV03]. Footprint [CZL+15]. Footprints [TS87]. Formal
[BAA90, GM87, GF93, KAE+14].
framework [CKP+04]. Free [ARJ97]. Full
[LLL+16]. Full-Stack [LLL+16]. fully
[RD99]. functionality [GB01]. Future
[EB9+12, HLZ+16, Kin90].

Gaining [WM87]. Garbage
[AFG99, KPHV11]. gating [BM00].
General [Smi86, BJS01, CKP+04].
general-purpose [BJS01]. Generalized
[MCB84, SA95]. Generalized
[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, JMB05].
Gossip-based [JVG+07, JMB05]. GPU
[LSPM15, SKH+16]. GPUs [SFKW14].
GPUnet [SKH+16]. grain [BHSC98, Rin99].
Grained [JLHB88, PPA+15]. Grammars
[DD98]. Grained
[DD98, AV04, APD03]. Graphics [SLJ+14].
Group [SBS91, FLS01, KSM02].
Grouping [Sta84]. Groups [CZ85, San88].
Growth [SBN84]. Guest [Lev97].

Hardware
[GM98, GF93, HLRW93, WPB+14, HS03].
HARTS [KS91]. hash [NTW09]. Haven
[BPH15]. HDLC [SL83]. Heap [DTM95].
Heracles [LCG+16]. Heterogeneous
[Bat95, Fal87, LWZ15, DK13, GLL14]. HFS
[KS97]. Hierarchical
[GMT+12, SHG95, WGG96]. Hierarchies
[BCZY16, ES83, YFLS11]. Hierarchy
[AT83]. High [AOST93, ELMPI2, YG90,
GFN89, KSV+08, LLSG92, SBWT87, Ste97,
TL93, Kel00, VVP+06, WWT01].
High-bandwidth [KSV+08]. High-level
[GY90, Kel00, VVP+06].
High-Performance [ELMP12, SBWT87].
High-Speed
[Ste97, TL93, AOST93, GFN89, WVT01].
highly [BL00]. Hill [CY09]. Hill-climbing
[CY09]. Hint [SH00]. Hint-based [SH00].
Hints [YFLS11]. Histories [Ng89]. Hoc
[BYFK08, FKA10]. HOP [GF93]. Hot
[HY92]. Hot-Spot [HY92]. HP [WGSS96].
HW [KMG16]. HW/SW [KMG16].
Hypercubes [ML97]. Hypervisor [BS96].
Hypervisor-Based [BS96].

I/O [BMK01, CP94, Che87, HDV+12,
Kot97, PDZ00, YSS+14, dBBB11].
identification [CT01]. Identifying
[BCZY16, Kne83]. ignoring [EV03]. Image
[SL83]. Implement [Ng89].
Implementation [CFKL96, CKC12,
DAH+12, DC85, RO92, WM87].
Implementations [GFN89].
Implementing [BN84, Reec83, Sch84].
Implications [SHG95]. Implicit [AD01].
Improve
[GGKX13, SFKP12, CRL03, HBSA03].
Improved [CM89, Jim05]. improvement
[HSY05]. Improving [KPV91, LCG+16,
QBD+08, SBL05, YZP+12, BM00].
Including [Gv90]. inconsistencies
[YKKK10]. Increase [GM98, PS16].
Increasing [BGMS89]. Incrementally
[CASM08]. Independent [Smi86]. Index
[An94a, An96]. Indexed [KH92].
Induced [BW84]. infer [ONA4]. Inferring
[MSB+06]. Information [Ano83, Ano84b,
EGH+14, HS96, PBS95, San87, AD01].
Information-Flow [EGH+14]. Informing
[HMMS98]. Injection [MC11]. Inserted
[Mow98]. Instruction
[LEL+97, MF90, LM01, SMS+03].
Instruction-Level [LEL+97]. Integrated
[CFK96, RD99]. Integrating
[Sat89, SFW14]. Integration [FR86].
Intel [CGJ88, CCLP83]. Intensive
[DTM95]. Interface
[Che87, Fal87, Ste97, BJS01]. interfacing
[BI13]. Internet [CCC+08, MS01, MSB+06].
Internetwork [KvRvST93]. Internetworks [DC90]. Interposed [ACV02].
Interposition [RS04]. Interprocess [BALL91, CCLP83, FR86, PBS89].
Interrupt [MR97]. Interrupt-Driven [MR97]. Introduction [Jon83a, Mow12].
intrusions [KC05]. Invocations [GS93]. IO [PDZ00]. IO-Lite [PDZ00]. ISA [BMV15].
Issue [Jon83b, Jon84, Jon88, Mow12, Sch83, Smi84a].
Java [GS00]. Job [Kam84, Kam86].
K2 [LWZ15]. Kernel [ABLL92, CZ85, GS93, LSPM15, MR97, WLMD16, CG86].
Kernels [EPP+12]. Key [BBF83, LLL+16, Oka88]. Keys [Blu83].
L4 [HE16]. Labels [VEK+07]. Language [Fal87, GY90, SBRP12, RR99]. languages [HYC+03].
LANs [DC90]. Large [CZL+15, KH92, KCR11, LA93, RPC+13, Sat89, ABG+01, JMB05, KSV+08].
Large-Scale [CZL+15, LA93, RPC+13, ABG+01, KSV+08]. Last [Ske85]. Latency [Mow98, TL93, Jim05].
Layers [HP94]. Layout [CS83]. Lazy [LLSG92]. leakage [HMK02]. Lessons [HE16]. Let [HMK02]. Level [AISS99, ABL92, Har87, LEL+97, BALL91, CASM08, GEK+02, GY90, Kel00, KY04, PMJPKA05, SCZM05, VVP+06].
Level-Structured [Har87]. Leveraging [SFKP12]. Liberty [VVP+06]. Lifetime [HBD97, FS04]. Lifetimes [Slo83].
Loading [Kam86]. Local [AOST93]. Local-Area [AOST93]. Locality [Mog92, HSY05, MT99]. Lock [ARJ97].
Lock-Free [ARJ97]. Locking [HA06, LDT+16]. locks [FH07]. LOCKSS [MRG+05]. Log [RO92, YZP+12, BMD+13].
Machine [BWD+15, LCWB+11]. Mail [CP86, SBL00]. Maintenance [AMMSB08]. Manageability [SBL00]. Managed [UNS+94]. Management [ABLL92, FR86, GHBRK12, HMSC88, HKB95, JB86, LE91, YFLS11, BMNW04, GTHR00, HLM05, SJS+00, VB03].
Manager [LHM+84b]. Managing [FS04, TS88, GLL14]. Markers [BBF83].
Mechanistic [NEC+15, EKSS09]. Media [AOG92, And93]. Membership [AMMS+95, BYFK08, JVVJ15, KSMD02]. Memories [SNSC14, Str83, TS89].
Memory [BALL91, CBZ95, DTM95, EJ93, ELMP12, FR86, HLRW93, HMMS98, HL07, LE91, LH89, MVZ93, MCS91, MF90, SMK+94, Sta84, ACM04, BJS01, B13, GS00, GTHR00, HLM05, HJK07, KSH+05, YKA00]. mesh [ADMER10]. Message [LHM84a]. Messages [LSPW91, RS92]. metadata [GMSP00]. Metascheduling [And93]. Method [AB83, Her86, QTZS07]. Methodology [Kem83]. Methods [GF93, SHG95, WB91, JL02]. mice [EV03].
WABL94, KWDB06, SBL05, VEK+07.
Packet [Slo83, Zha91, HVP99].
Packet-striping [HVP99].
Packet-Switched [Zha91]. packets [SJS+00]. packing [BM00]. PACS [HKS+83]. Page [KH92]. Paged [Sta84].
parallel-programming [VBR+04].
Parallelism [ABL92, LEL+97, ALHH08].
Parametric [JEJ13]. Parity [SHCG94].
Parliament [Lam98]. Part [Lam98].
Part-Time [Lam98]. Partial [BWD+15, San88]. partitionable [FLS01].
Partitioning [WP+14, ZNNM02]. Path [PL95].
peer [JYG+07, MRG+05, QBD+08].
peer-to-peer [MRG+05, QBD+08]. 780 [Cla83, CE85].
Execute [Sm84a]. replay [RD99].
Performance [AHH88, AK90, BBH+98, BMVS15, CFKL96, CM86, CP94, CEC+96, CM89, Cla83, CE85, CDW06, CJ88, DTM95, ES83, ELMP12, HMM98, HKM+88, KS97, LKCZ86, MCB84, PL85, PS16, SS96a, SJKFP12, SLJ+14, SB90a, SBWT87, SGH+13, Sta84, TR84, TS85, WB91, AV04, BM00, COM+09, EEKS09, HS03, HBSBA03, LN06, NYN03, QBD+08, SBL00]. Performance-Oriented [KS97]. persistent [AF99].
Practical [CL02, ZMAB09, RD99].
Practice [LABW92]. pre [KY04].
pre-execution [KY04]. Predicted [CP94].
Predicting [YKKK10]. Prediction [GM98, PS16, SS96a, TS85, AV04, JL02, Jim05].
Preface [Jon83b, Jon84, Jon88, Sch83, Smi84a].
prefetch [CKP+04]. Prefetching [CFKL96, Mow98, TE95, APD03, BMK01, CKP+04, LM01]. prefix [SV99, WVT01].
Presence [BJ87]. preservation [MRG+05].
Preserving [PBS89]. preventing [YKKK10]. Primitive [LCWB+11].
Priority [BLKC84]. Privacy [EGH+14]. Proactive [RS10, CL02]. Probabilistic [FKA10, EGH+03]. Problem [AT83, Tie84, GMSP00].
Procedure [BALL90, BN84, Bir85]. Procedures [GG88]. Process [CZ85, HBD97, Ske85].
Processes [Mog92, VEK+07]. Processing [GWS96, Kam84, Kam86, AD00].


QuickSilver [HS96]. Quorum [Romo86, FKA10]. Quorum-Consensus [Her86].


Ratio [Smi85, Smi87]. RaWMS [BYFK08]. read [FKM02]. read-only [FKM02].

Reading [Lam90]. Real [ARJ97, BS91, GS93, KH92, MMM95, SBWT87, KPHV11, XMM07]. Real-Indexed [KH92]. Real-Time [BS91, GS93, MMM95, SBWT87, ARJ97, KPHV11, XMM07]. Realtime [EGH+14].


Relational [Saw88]. Relevance [BMVS15]. Reliability [Bab87, IR86, BBL05]. Reliable [BJS87, CM84, GSS91, KS91, KP91, PGM89].

Remark [Smi87]. Remote [BALL90, BN84, Bir85, GG88]. Replay [VLW+12]. Replicated [Her87, JB86, YV02, YV06]. Replication [Her86, LLSG92, PMJPKA05, VACG09].

request [AVC02]. Requests [Kin90, LLL+16]. Requirements [JT88].

Research [HE16]. Reservation [And97]. resilient [AJS11]. Resource [HS96, Kema83, LCG+16, ABG+01, CY09, GTHR00]. Response [Har87, ONA04].


River [AD03]. Robotics [SBWT87].


Rule-Based [GFN89]. Run [AD03, EJ93, GWS96, HYC+03].

Run-Time [EJ93, GWS96, AD03, HYC+03]. Running [BDGR97]. Runtime [CT01]. Rx [QTZ07].
Spot [HY92], Sprite [NWO88], SR [Atk88],
Stack [LLL+16, TS89]. Stackable [HP94],
STAMPede [SCZM05], standards [BI13],
State [SNSC14, Sau83a, Sau83b],
State-Dependent [Sau83a, Sau83b],
Stateful [RS04], stateless [SMS08]. States
[CL85]. Static [KMG16, FS16, Sta84],
Stating [JT88]. stealing [ALHH08],
Stochastic [MCB84]. stock [MS01]. Stop
[SS83, Sch84]. Storage [CM88, JLL+16,
Kem83, MSL+11, OGG+15, SNSC14,
SGH+13, WGS96, YSS+14, ABG+01,
ACV02, ASS+05, CDG+08, HSY05]. Store
[LLL+16, AFG99]. Stored [TS88],
Strategies [TR84, BM00]. Stream
[Kam84, Kam86]. Streamline [dBBB11],
Streams [HKB95]. String [Tic84],
String-to-String [Tic84]. Striped [HO95],
striping [HVP99]. Strong [PW97, Sha83],
Structure [San87], Structured
[Har87, HBAK86, RO92, CDG+08],
Structures [Atk88, CKP+04, HLMM05],
Study [GF93, SS96b, KWDB06, KY04],
Subscribe [SLI11], Subscribers [Rom84],
Substrate [ELMP12]. Subsystem
[YSS+14]. superscalar [EEKS09]. Support
[ABLL92, EJ93, GS93, GWS96, HL91,
AD00, BJS01, GDL+04, HS03, HLMM05,
Hyc+03, LM01]. Supporting [KvRvST93],
Supports [HKB95], survive [QTZS07],
Switch [AOST93]. Switched
[MLS97, Zha91]. symmetric [KSH+05],
Symposium [ACM88]. sync [NVC08],
Synchronization
[HY92, KWS97, LA93, MCS91, DR99, Rin99].
Synchronized [LSW91]. Synchronizing
[SS84]. System
[AHH88, AISS98, AK90, AOG92, BBH+98,
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HKM+88, IRH86, JLLH88, Koc87, KS97,
KLS86, LHMS84a, LWZ15, MJLF84, NWO88,
OGG+15, PLZ+16, PGM89, RPC+13, RO92,
SRC84, Sat89, SBN84, SBWT87, SS96b,
SLI11, TS88, WGSS96, WABL94, BHSC98,
BHSR02, CDG+08, FKM02, HP94,
KWDB06, KSH+05, MRG+05, MS01,
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ELMP12, Fal87, GFN89, GVM+11, Har87,
Jon88, JB86, LJSU87, KvrST93, Kam86,
LABW92, LH89, Mae85, MM95, MCB84,
PL85, PW97, RBVR94, SFKP12, SS83,
SBWT87, Smi86, Sno88, Ste97, SY85,
WLMD16, AMS+09, ABG+01, AD01,
CBG+08, FKA10, GMSP00, GKE+02,
GB01, HSY05, KSV+08, MG01, SBL05,
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Thread-Level
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TickerTAIP [CLW94]. Tier [GHBRK12],
Time
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