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Title word cross-reference

+ [GSL+05]. 3 [GYX+22, LWC+22, PDZ+23, XWL+18, ZWM+20]. = [GSL+05]. ^{3} [CNJ+20]. GF(2^n) [LBOX12].

-D [ZWM+20]. **-Tree** [CNJ+20].

0 [WXS16, ZZL13].

1394 [HKP09].

2008 [Bak08]. **2009** [SW09]. **2012** [BF12]. **2014** [ST14]. **2015** [DH16, SZ15]. **2016** [BP17, MT17]. **2017** [DdL18, KW17, PWS17]. **2018** [AR18, YP19]. **2019** [ADZ20, MT20, MW20]. **2020** [GZ21, LH21, NW21]. **2021** [AY21, BL22, CK22, Noh22]. **2022** [DP22, SZ23]. **2023** [GN23, WL24].

6 [ES14, LS12, PBV11, XXL+11].

Abstractions [GR21]. **Abundant** [ZCJ+21]. **Academic** [CWY+15]. **Accelerate** [SXJ+24]. **Accelerates** [ZHZL23]. **Accelerating** [LGL22, WCC15]. **Acceleration** [ZT20]. **Access** [CHA+11, CSOL18, DFP+15, EHW23, HCL13, JDXD13, LRE22, WZH+20, WCC15, MKLC06]. **Accesses** [WM16]. **Accessibility** [YYC+18]. **Accessing** [YCY+20]. **accountability** [YC07]. **Accumulative** [ZD21]. **ACE** [MMP+19].

Achieve [PKI+18, TGL+18, WZC+24]. **ACID** [HZN+19, SBMW17, WSSZ07]. **ACM** [Noh19, YP19]. **across** [GR09]. **Active** [ZWF22]. **Adaptive** [CDW+22, FLY21, HWF+16, LXC+22, LDZZ23, NCP+22, PNW+24, WLD21, KKZ05, SPP11, WHE12]. **adaptively** [WSZ+10]. **Address** [XCR18, ZWH+17]. **Addressable** [CST+24, CNJ+20, WCC15, CYW+17]. **administrator** [DRK08]. **Admission** [EFM17, YPU+23]. **Adventures** [YZJ+17]. **AET** [PWLW21]. **Against** [MTD+15, KLK17, SDG10]. **Aggressive** [AWC09]. **Agility** [XCK+14]. **AI** [DFB+20]. **Algorithm** [LKE18]. **Algorithms** [LYL+21, XXL+11, BLN09, SZ05]. **Alleviating** [ZWH+17]. **Allocation** [LRZ+22, PWLW21, KR06, SZS+12]. **Almost** [KLE20]. **among** [LCMZ15]. **Amplification** [LKB+17, THWD08]. **Analyses** [XWL+18]. **Analysis** [ASM12, GAADAD17, LSDW17, LLT+20, LWLS23, LZL+23, MHL+15, XOZ+20, YYM+18, YCY+20, YYR21, YLADAD23, ZZL+19a, SKM+18, BADAD+08]. **Analytic** [Des14]. **Analytics** [KH20, SVG+20]. **Annual** [GR19]. **anticipatory** [SZS+12]. **App** [JPC+20]. **appliances** [AEMWC+12]. **Application** [JPB17, MCR18, PAL+17, SCJS18, YCY+20]. **Applications** [DFB+20, DKJS21, RPA+21, SXF21, SFW+20, LBOX12, QJM+09]. **Approach** [LDZZ23, WXH+16, XXL+11, XMRF+13, ZZL13, KR06, MT09, MMR+09, THTT08, ZSXZ07]. **Approaches** [KSDC14]. **arbitrary** [LS12]. **Architecture** [HSL+18, LBN14, LKE18, WBZ+19, YLADAD23]. **Architectures** [WLL+22, HWB+06]. **Archival** [GNB16, YPLG11, SGMV09]. **Archive** [CWY+15]. **Archives** [May22, HM05]. **archiving** [TPM+11]. **Ares** [NCP+22]. **Array** [GNB16, LS12, MJW+12]. **Arrays** [AT13, LPS+23, MR16, WXH+16, WXS16, WMCJ16, ABLM07, TB09]. **assignment** [XS09]. **Associated** [Noh21]. **Associative** [KCC13]. **assumptions** [XS09]. **Asynchronous** [KDS20, NB13]. **ATC** [CK22, GZ21, MT20, SZ23, WL24]. **ATC'18** [GR19]. **Atomic** [NCP+22]. **Attack** [YLRL22]. **Attack-resilient** [YLRL22]. **Attacks** [LLT+20]. **Attention** [WBZ+19]. **Attention-augmented** [WBZ+19]. **augmentations** [TCJ+11]. **Augmented** [KLL+24, WBZ+19]. **Authentication** [MNT06]. **Automatic** [BYY+22, YV05]. **Auxiliary** [DMS+16]. **availability** [SPADAD05, TCJ+11]. **Available** [CZD+17]. **Aware** [AGL+18, CWG+19, EEFM22, HC17, JCG+16, KPY17, QLL17, SFW+20, ZZW+17, BLN09, BBK+09, GAADAD21, PWLW21, PDZ+23, STC23, WOQ+07, WZC+24, ZZL+24].

B [CNJ+20, KSKN18, KLL+24, Rod08, RBM13]. **B-Tree** [CNJ+20, RBM13, KSKN18]. **B-trees** [Rod08]. **Backends** [AWK+20]. **Backup** [HBP11, LXNL15, ZDZ+21, SHWH12, TCL12, VSV09]. **Balance** [WCY+24]. **Balancer** [JGW+23]. **Balancing** [IJK+17, PNW+24, QJM+09]. **Bandwidth** [HA13, LJFS17, LFH+17, LFJ+17, GSL+05, WTZ+23]. **Barrier** [WOJ+18]. **Barrier-Enabled** [WOJ+18]. **Based** [AGL+18, CWG+19, CHL16, CCC+18, EKB+16, HSL+18, HAL+23, HWF+16, HJW15, IJK+17, LSKK16, LSDW17, LXC+22, MJW+14, SWY18, Tri15, WLW+24, WCXY15, WCCZ21, WMCJ16, ZJQ+15, ZLL+20, ZDZ+21, ZWF22, BLN09, CLP09, DRK08, FLY21, GYX+22, HWB+06, HBL+06, IBC+21, JSC20, KH10, KLK+22, LSZ09, LCR+21, LZYK+06, MJW+12, MRH09, QZL+23, RDCS07, SLZ+23, SCJS18, SXJ+24, TCJ+11, VJG08, WCJ+24, WKC06, WHE12, XXD19, YGJS21, YYC+18, ZWG+23, ZLQ+22]. **basis** [ST06].

Batch [YCY+20]. **Batch-file** [YCY+20]. **battery** [KH10]. **battery-powered** [KH10]. **Behavior** [ASM12]. **Behaviors** [HCO+17]. **benchmarking** [AADAD09, TZJW08]. **BetrFS** [JYZ+15]. **Better** [WKRP06, WWJ+23, ZRRW20]. **between** [CCC+18]. **Beyond** [ES14, IV15]. **Bidirectional** [SWY18]. **Big** [SVG+20]. **Big-data** [SVG+20]. **Billion** [JCB+24]. **Billion-Scale** [JCB+24]. **Billions** [MBTM+22]. **Binary** [CNJ+20]. **bit** [ASS05]. **bit-rate** [ASS05]. **Black** [KCLK21]. **Black-Box** [KCLK21]. **Block** [BCBS23, FCZ+23, HHFD17, KMM+12, LWLS23, LZY+24, LV17, RHC15, SBMW17, ZLL+20, ZLLH23, AWC09, LCZ05]. **Block-Level** [KMM+12, LZY+24]. **Blurred** [LSS16]. **Boosting** [EHW23, PDZ+23]. **Both** [CSOL18, DJC07, JDXD13]. **Bottlenecks** [XOZ+20]. **Bounded** [IBC+21]. **bounds** [EA08]. **Box** [KCLK21]. **Bridging** [GSL+05, JCB+24, KDS20, SYK+11]. **Bringing** [WOJ+18]. **BTRFS** [RBM13]. **BUD** [MQRY11]. **Buffer** [KPY17, LBN14, SLZ+23, WLC+22, DJC07, MQRY11, WHE12]. **Buffer-Controlled** [WLC+22]. **Buffering** [CSOL18]. **buffers** [THTT08]. **Bug** [LZL+23]. **Bugs** [KXK+20]. **Building** [LCR+21, RDCS07, YWH+17, ZYWX22]. **Byte** [CST+24, CNJ+20, CYW+17, WCC15]. **Byte-Addressable** [CST+24, CNJ+20, WCC15, CYW+17].

CA [BBK+09]. **CA-NFS** [BBK+09]. **Cache** [EFM17, EEFM22, EHW23, FCZ+23, HWZ+18, HWF+16, LBN14, LSDW17, LXC+22, PDZ+23, SS14, SLZ+23, STC23, WZH+20, WCCZ21, YYR21, DJC07, GB07, PDZ+23]. **Cacheline** [KSKN18]. **Caches** [YPU+23, MTH+08, VMF+06]. **CacheSack** [YPU+23]. **Caching** [CDW+22, CLZ+21, HC17, JSC20, KSDC14, LB14, MBTM+22, SCJS18, XXD19, CHLK11, CHHH12, WSZ+10]. **caching-oriented** [CHHH12]. **Calibrated** [TSWT22]. **Can** [RPA+21, WM16]. **Capacities** [HHS+20]. **Case** [AWK+20, VTHB18, SZS+12]. **Cases** [KCLK21]. **Causality** [MRH09]. **Causality-based** [MRH09]. **CCFS** [PAL+17]. **CDF** [QFS+17]. **Center** [LCZ+19, SXF21]. **Centers** [BYY+22, HLZ+17]. **centric** [BAM+21, SLXH23]. **CGraph** [ZZL+19a]. **Challenges** [GS06, VTHB18]. **Change** [KSDC14, KPY17, XK24]. **Channel** [KPY17, LSZ19]. **Chaos** [WOJ+18]. **characteristic** [XS09]. **Characteristics** [YGJS21, JHZK08]. **Characterization** [CHA+11, GLSB18, JPC+20, Kas18, LWC+22]. **Characterizing** [MTD+15, XOZ+20, XWL+18]. **Charge** [LWC+22]. **Charge-Trap** [LWC+22]. **Cheap** [HF05]. **Checker** [MDAD+14]. **Checkers** [GZH+18]. **Checking** [FQS+14, TPM+11]. **Chief** [Ano23, Noh18]. **Chip** [KCC13]. **Chip-Level** [KCC13]. **Choices** [MH22]. **Choosing** [ZXJ11]. **Class** [KAG+22, WQR13, JWK+10, STZ10]. **Classification** [WCXY15]. **Classifying** [JAM+16]. **clfB** [KSKN18]. **clfB-tree** [KSKN18]. **Client** [CLZ+21, HA17, HC17, HCO+17]. **Client-Side** [HA17]. **CLOCK** [LKE18]. **Clones** [ZCJ+21, Rod08]. **Closed** [ES14, IV15]. **Closed-Form** [ES14, IV15]. **Cloud** [BCQ+13, CLBB21, HC17, HCO+17, LWLS23, LZY+24, LPR+19, MJW+14, VDV17, WZH+20, WZC+24, WTZ+23, YHJ13, ZLLH23, ZLQ+22, ZZL+24, VSV09]. **Cloud-of-Clouds** [BCQ+13]. **Clouds** [BCQ+13]. **Cluster** [SVG+20, SKM+18]. **Clusters** [HZQX13, YYR21, QJM+09, WB05]. **Co** [SVG+20, TIM+18, XXD19]. **Co-Design**

[TIM+18, SVG+20, XXD19]. **code** [LS12, LS12]. **Coded** [HLZ+17, HZQX13, ZLL+20, Ili23, LYL+21, NCP+22]. **Codes** [HBP11, JMS22, KSCM23, KYL+20, LL14, LFH+17, LFJ+17, PB14, Tri15, XXL+11, YYM+18, YFHW20, LSZ09, PBV11, HCL13]. **Coding** [CZD+17, ZT20, TB09]. **collaborative** [VMF+06]. **Collecting** [DS16]. **Collection** [YLH+17]. **Collision** [WWJ+23]. **Columnar** [WLL+19]. **Commercial** [KLE20]. **Commodity** [KLK+22]. **common** [SZS+12]. **communication** [GSL+05]. **Compaction** [YWH+17, ZD21]. **Compactions** [SXJ+24]. **Comparative** [LWLS23]. **Complexity** [Tri15]. **compliance** [PB05]. **Composite** [ZRRW20]. **Composite-File** [ZRRW20]. **Compositional** [CNS+18]. **Compound** [LSDW17]. **Compounds** [CBH+17]. **Comprehensive** [KSL+23, ZT20, JHZK08]. **Compressed** [May22]. **Compression** [JSC20, KMM+12, XPZ+23, SHWH12]. **Computational** [CHA+11, KKR20]. **Compute** [CDW+22]. **Compute-Storage** [CDW+22]. **computer** [HWB+06, HBL+06, MTH+08]. **Computing** [CDW+22, DFB+20, LZL+23]. **Concurrent** [WCW+22, ZZL+19a]. **Conference** [GR19, YP19]. **congestion** [BBK+09]. **congestion-aware** [BBK+09]. **Conjunctive** [TLM+23]. **conquer** [Tos09]. **Conquest}** [WKRP06]. **Conscious** [LPG+17, ZZS+22]. **Consensus** [AGL+18]. **Consensus-Based** [AGL+18]. **conservation** [CK05]. **Conserve** [HZQX13]. **Considerations** [KSCM23]. **Consistency** [GAADAD21, HZN+19, KLE20, LLYS23, MMP+19, PAL+17, WWW+18, FSM+12]. **Consistency-aware** [GAADAD21]. **Consistent** [HA13, YV05]. **Consolidated** [ZXJ11]. **Constructing** [VMF+06]. **Consumption** [CPW+15]. **Container** [LSDW17, LDZZ23, ZDZ+21]. **Container-Based** [LSDW17]. **content** [KR10]. **Context** [GHWK15, ZJQ+15]. **Context-Based** [ZJQ+15]. **Contiguous** [LRZ+22]. **Continuous** [CHA+11, JGW+23]. **Contract** [KLC+23, ZZL+24]. **Contract-aware** [ZZL+24]. **Contributing** [CCB07]. **contributor** [JHZK08]. **Control** [FLY21, KKZ05, ZSW+06]. **Controlled** [WLC+22]. **Controlling** [ZWG+23]. **Cooperative** [LKB+17, ZZW+17, TCL12]. **Copy** [ZCJ+21]. **Copy-on-Abundant-Write** [ZCJ+21]. **Core** [FCZ+23]. **CORES** [WLL+19]. **Correct** [CNS+18, LRE22]. **Correction** [QFS+17]. **correlations** [LCZ05]. **corruption** [BADAD+08]. **CosaFS** [ZZW+17]. **Cosmos** [KLP+20]. **Cost** [DFB+20, HC17, LCR+21, ZZL+24, TGL+18, WZC+24]. **Cost-Aware** [HC17]. **Cost-effective** [DFB+20, LCR+21, ZZL+24]. **CostCounter** [WWJ+23]. **Countering** [KCMDM20]. **Crash** [CNS+18, HZN+19, LLYS23, MMP+19, PAL+17, WKC06]. **CrashMonkey** [MMP+19]. **Cross** [WCR+06]. **Cross-layer** [WCR+06]. **ctFS** [LRZ+22]. **Cuckoo** [WWJ+23]. **Cumulus** [VSV09]. **Curve** [HWZ+18]. **Custom** [AWK+20]. **Customizable** [LJFS17]. **CXL** [JCB+24].

D [GYX+22, LWC+22, PDZ+23, SPADAD05, XWL+18, ZWM+20]. **D-GRAID** [SPADAD05]. **D2D** [HM05]. **Data** [ASM12, AT13, BYY+22, BAM+21, CWG+19, CWY+15, CLBB21, DFP+15, DMS+16, EKB+16, HLZ+17, HCL13, IJK+17, JSC20, JDXD13, JAM+16, KLK17, KDS20, KH20, LKB+17, LCZ+19, LDZZ23, MEK+14, PYY19, SXF21, SSWC14, WCW+22, WZC+24, WH15, WCY+24, YYC+18, YPLG11, ZB16, ZWM+20, ZWG+23, ZCJ+20, ZT20, ZYS+22, ASS05, ABLM07, BADAD+08, BFHR09, EM05,

EA08, HKC06, LZYK+06, SZ05, SVG+20]. **Data-centric** [BAM+21]. **Data-Intensive** [CWY+15]. **Data-pattern-aware** [WZC+24]. **Database** [SWY18, ZZL+19b, DRK08, THTT08]. **databases** [MNT06]. **Datacenter** [SSVG13, YPU+23]. **datasets** [SHWH12, VMF+06]. **David** [AAADAD12]. **decentralized** [TCL12]. **Decoupled** [LZC+18]. **Decoupling** [ZRRW20]. **Deduplicated** [HHS+20, KKD+22, NSKY21, ZYS+22]. **Deduplication** [CWG+19, LXNL15, LLT+20, LDZZ23, MSM+17, MJW+14, PP16, QLL17, XPZ+23, YLRL22, ZDZ+21, SKM+18, MB12, KR10]. **Deduplication-Based** [CWG+19, MJW+14, ZDZ+21]. **Deep** [STC23, WBZ+19]. **Defenses** [LLT+20]. **Deferred** [HZQX13]. **Defined** [LCZ+19]. **Defining** [EA08]. **DEFUSE** [LRE22]. **degradation** [JB05]. **Deletion** [DMS+16]. **Delta** [WTZ+23, XPZ+23, ZLQ+22, SHWH12]. **DeltaFS** [ZCJ+20]. **density** [PBV11, WCY+24]. **Dependable** [BCQ+13]. **Dependent** [SPR19]. **Deployment** [KAG+22, WXH+16]. **DepSky** [BCQ+13]. **depth** [LWLS23]. **Derrick** [JGW+23]. **Descriptive** [LGL22]. **Design** [CCC+18, CPW+15, HWC12, IBC+21, KSCM23, LSDW17, LCLX19, MH22, QLL17, SS14, SCW+20, TIM+18, XPZ+23, YCY+20, ZZL13, CHHH12, GS06, SVG+20, WKRP06, WKC06, XXD19]. **desktop** [VMF+06]. **Detection** [LZL+23, LDZZ23, LXZ+23, XPZ+23]. **Determining** [ZWM+20]. **Determinism** [KLC+23, LPS+23]. **Development** [CNS+18, DKJS21, ZIJ+06]. **Device** [KSL+23, LL14, QZL+23, SCJS18, SSHY16, ZXJ11, HBL+06]. **Devices** [CSY+14, GHWK15, JPC+20, KLE20, KLK+22, ZWH+17, BLN09, CHLK11, GR09, KH10, LZYK+06]. **DFS** [JBLF10]. **DIDACache** [SCJS18]. **Differential** [BKPM10]. **differentiation** [KKZ05]. **Diffs** [May22]. **digital** [GSL+05]. **dimensional** [ZYS+22]. **Direct** [CSOL18]. **Direct-Access** [CSOL18]. **directed** [LLZA05]. **Directories** [ZCJ+20]. **Directory** [ZJP+18]. **Disaggregated** [CDW+22, LHZ+23, ZHZL23]. **Disaggregation** [GLSB18, JCB+24]. **Discovery** [LGL22]. **Disk** [ASD15, HWF+16, IHHE11, JDXD13, Kas18, LCZ+19, MTD+15, PB14, SSVG13, SYK+11, TGL+18, WXH+16, WLX+22, WMCJ16, XXL+11, ZWM+20, ZWF22, ABLM07, BFHR09, DEH+08, GW10, GS06, HM05, LS12, MJW+12, MTH+08, NQX06, SG07, SZ05, TB09, VJG08, WKRP06, WB05]. **Disk-Resident** [WLX+22]. **disk/persistent** [WKRP06]. **disk/persistent-RAM** [WKRP06]. **Disks** [GNB16, JAM+16, STC23, ZHSH23, JHZK08, LLZA05, MQRY11]. **DISP** [EM05]. **Distilling** [ZDZ+21]. **Distinguished** [Noh19]. **Distributed** [AWK+20, AGL+18, GAADAD17, LZL+23, MH22, PP16, TLM+23, XCK+14, YLADAD23, ZZL+19a, ZLL19, ZHZL23, ZZL+19b, ZCW+21, EM05, HDW+08, MMR+09, SCW+20]. **Distribution** [LWC+22, YZ16, ZWM+20]. **Divide** [Tos09, GSL+05]. **Divide-and-conquer** [Tos09]. **DM** [STC23]. **DM-SMR** [STC23]. **Does** [GAADAD17, MR16, SG07]. **dominant** [JHZK08]. **Donag** [May22]. **DPMS** [SCW+20]. **DRAM** [SLZ+23]. **Drive** [LCMZ15, SSVG13, SHDA17, WBZ+19, WCXY15, GS06]. **Drive-Managed** [SHDA17]. **driver** [CHLK11]. **driver-layer** [CHLK11]. **Drives** [CHL16, GYX+22, Kas18, LCZ+19, LXC+22, SLZ+23, WLD21, XCR18, XXD19, ZYWX22, BFHR09, CHHH12, GW10, HM05]. **DudeTx** [LZC+18]. **duplicate** [BJD06].

Durability [GAADAD21]. **Durable** [HA17, LZC+18]. **Dynamic** [ABLM07, EKB+16, FLY21, NB13, QJM+09, ZB16, THTT08].

Editor [Ano23, Noh18]. **Editor-in-Chief** [Ano23, Noh18]. **Editorial** [BP11, Lon12, Raj05, BK10]. **Editors** [Noh21]. **effective** [DFB+20, LCR+21, ZZL+24]. **Efficiency** [HA13, HCL13, LLH+18]. **Efficient** [CK05, CWY+15, CZD+17, DFP+15, EFM17, GAADAD21, HKC06, IJK+17, JSC20, KSGP17, KLK17, LXNL15, LCLX19, LLYS23, LZYK+06, LSS16, LBOX12, May22, MRZ+09, MEK+14, PSX+21, PP16, SZ05, SSHY16, TCL12, WLX+22, XPZ+23, XMRF+13, YCM+20, YWH+17, YPLG11, ZJP+18, ZB16, ZLL+20, ZLLH23, DFB+20, EM05, LS12, MQRY11, WKC06, ZSXZ07]. **EIC** [Ano20]. **Elastic** [XCK+14]. **Elimination** [YLH+17, BJD06]. **Empirical** [SLXH23, ZFX+18]. **Empowering** [KSL+23]. **EMPRESS** [LGL22]. **emulate** [CLHK10]. **Emulating** [AAADAD12]. **Emulator** [KSL+23]. **Enabled** [WOJ+18, ZCW+21, SCW+20]. **Enabling** [FCZ+23, LCLX19, SFW+20, TGL+18]. **Enclosures** [ZWM+20]. **Encoding** [FLY21]. **Encrypted** [LLT+20, QLL17, WTZ+23, YLRL22]. **Encryption** [TLM+23]. **End** [PNW+24, YXZ+23]. **End-to-end** [PNW+24, YXZ+23]. **Endurance** [BYY+22, JMS22, LCMZ15, PKI+18]. **Energy** [CWY+15, CPW+15, DFB+20, HZQX13, LCMZ15, LLH+18, EA08, LLZA05, MQRY11, STZ10]. **Energy-Efficient** [CWY+15, DFB+20, MQRY11]. **Enforcement** [LJFS17]. **Enhanced** [PWLW21, MJW+12]. **Enhancement** [ZFX+18, CHHH12]. **Enterprise** [Kas18, KCMDM20, KSDC14, MMES21, PKI+18, ZFX+18, NDR08]. **Enterprise-Level** [PKI+18]. **Entry** [ZDZ+21]. **Environments** [WTZ+23]. **Equation** [ES14, IV15]. **Erasure** [CZD+17, HLZ+17, HZQX13, Ili23, LL14, LYL+21, LFJ+17, NCP+22, PB14, YFHW20, ZLL+20, ZT20, LSZ09]. **Erasure-Coded** [HLZ+17, HZQX13, ZLL+20, Ili23, LYL+21]. **Error** [QFS+17]. **Errors** [Ili23, JMHS20, DEH+08, SDG10]. **Evaluating** [KSDC14]. **Evaluation** [Ili23, LCLX19, LYL+21, SSVG13, XXL+11, XMRF+13, ZZL13, ZFX+18]. **Everyone** [KFPS20]. **Everything** [ZZL+19b]. **Evidence** [GSS+18, YZ16]. **Evolution** [DKJS21, LADADL14]. **Evolving** [KH20]. **Exact** [HBP11, MSM+17]. **ExaPlan** [IJK+17]. **Exascale** [SSWC14]. **Exclusion** [WZH+20]. **Exedra** [ASS05]. **existence** [TPM+11]. **Expansion** [ZWG+23]. **Experience** [YS17, YPU+23]. **Exploitation** [WLC+22, WCJ+24]. **Exploiting** [CST+24, GAR+22, HZQX13, JDXD13, JPB17, JWK+10, LSKK16, SWY18, WZC+24, XCR18, DJC07, MKLC06]. **Exploration** [WLC+22]. **Explorations** [WCJ+24]. **Exploratory** [LCZ+19]. **Ext3cow** [PB05]. **Extendible** [ZZS+22]. **Extending** [LPS+23, WSSZ07]. **Extensible** [KXK+20]. **Extensions** [WQR13]. **external** [GAR+22]. **Extract** [GW10].

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H [WXH+16]. **H-Scale** [WXH+16]. **Hard** [LCZ+19, SSVG13, WBZ+19, GW10]. **hardness** [THWD08]. **Hardware** [GSS+18, JCB+24, KLK+22, LRZ+22]. **Hardware-based** [KLK+22]. **Hash** [QZL+23]. **Hash-based** [QZL+23]. **Hashing** [LCLX19, WWJ+23, ZHW19, ZZS+22]. **HBase** [CDW+22]. **HDD** [WLC+22]. **HDD-Writes** [WLC+22]. **Heap** [HJW15]. **Heap-Based** [HJW15]. **HEAPO** [HJW15]. **Heterogeneous** [GCD+22, GR09]. **hfplayer** [HHFD17]. **Hierarchical** [CLZ+21, HBP11, LV17, JWK+10]. **hierarchy** [MTH+08]. **High** [CSY+14, FCZ+23, HGZ+22, JCG+16, KPY17, LB14, LHZ+23, LFH+17, TGL+18, WTZ+23, WCY+24, ZHSH23, ZHW19, DEH+08, GSL+05, LSZ09]. **High-bandwidth** [WTZ+23, GSL+05]. **High-density** [WCY+24]. **High-Fidelity** [JCG+16]. **High-Performance** [CSY+14, FCZ+23, HGZ+22, LB14, LFH+17, ZHSH23, LHZ+23, ZHW19]. **high-reliability** [DEH+08]. **Higher** [TB09]. **Highly** [EFM17]. **HIL** [CNS+18]. **HiNFS** [CSOL18]. **Hints** [GCD+22, DRK08]. **HintStor** [GCD+22]. **Historical** [ASM12]. **History** [JDXD13, HSW09]. **HM** [STC23, ZYWX22]. **HM-SMR** [STC23, ZYWX22]. **Hot** [ZDZ+21, HKC06]. **hours** [SG07]. **HPDA** [MJW+12]. **Hundreds** [YYR21]. **Hybrid** [CZD+17, KCC13, LKE18, LXNL15, LCMZ15, VDV17, WXH+16, WLC+22, WLD21, XXL+11, XMRF+13, YFHW20, ZLLH23, JWK+10, MJW+12, SPP11, WKRP06]. **Hybris** [VDV17]. **Hyper** [ZYS+22]. **Hyper-dimensional** [ZYS+22].

I/O [CDW+22, CBH+17, GCD+22, HHFD17, HCO+17, JPB17, KR10, KDS20, LPS+23, LSZ19, MQRY11, MKLC06, PNW+24, QJM+09, SSHY16, WLX+22, WOJ+18, WCY+24, YXZ+23, YSEY10, ZXJ11]. **I/O-intensive** [QJM+09]. **Identification** [BWV16, BYY+22, HKC06]. **Identify** [WM16]. **idleness** [MRZ+09]. **IEEE** [HKP09]. **IEEE-1394** [HKP09]. **Image** [LZY+24, ZCL+21]. **ImmortalGraph** [MHL+15]. **Impact** [SSVG13, SXF21, ZWH+17]. **Implementation** [HWC12, QLL17, SCW+20, Tri15]. **implementations** [AEMWC+12, LBOX12]. **Implications** [LWLS23, XOZ+20, XWL+18, YGJS21, YZ16]. **Imply** [GAADAD17]. **Impressions}** [AADAD09]. **Improve** [BYY+22, CST+24, JPB17, LSKK16, MR16, QFS+17, KR10, LCZ05]. **Improved** [WMCJ16]. **Improvement** [LLH+18]. **Improving** [AAB+23, BJD06, CHA+11, HA13, HWF+16, JMS22, SYK+11, SPADAD05, ZDZ+21, NQX06]. **In-depth** [LWLS23]. **In-Memory** [CZD+17, FCZ+23, YYR21]. **In-Storage** [CDW+22]. **incremental** [ZIJ+06]. **InDe** [LDZZ23]. **independent** [XS09]. **Index** [DFP+15, ZHW19]. **Indexed** [ZJP+18, ZCJ+20]. **Indexes** [WCW+22, WLL+22]. **Indexing** [LRZ+22, WLW+24, LZYK+06]. **infer** [GW10]. **Information** [LLT+20]. **informed** [SHWH12]. **Infrastructure** [CDW+22, PP16]. **initialization** [WKC06]. **Inline** [LXNL15, LDZZ23, YYC+18]. **Inspection** [JPC+20]. **INSTalytics** [SVG+20]. **Integrate** [XXD19]. **Integration** [SCJS18]. **Integrity** [FQS+14, MNT06]. **Intelligent** [WCR+06]. **Intel(R)** [MTH+08]. **Intensive** [CWY+15, HHFD17, NQX06, QJM+09]. **inter** [MKLC06]. **inter-file** [MKLC06]. **Interdisk** [WXS16]. **Interface** [LRE22, LPS+23, ZXJ11]. **Interfaces** [GAR+22]. **Interference** [KLK17]. **Interleaving** [JPB17, SYK+11]. **Internal**

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[KFPS20]. **Low** [LGKK22, TGL+18, Tri15, WZC+24, ZZL+24]. **Low-Complexity** [Tri15]. **Low-cost** [TGL+18, WZC+24]. **LRCs** [KSCM23]. **LSM** [HAL+23, IBC+21, KLL+24, LCR+21, SXJ+24, TGL+18, WLW+24, ZZL+24]. **LSM-Based** [WLW+24]. **LSM-Tree** [HAL+23, TGL+18]. **LSM-tree-based** [IBC+21, LCR+21, SXJ+24]. **Lustre** [CLZ+21].

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Namespace [CST+24, WDG+06]. **NAND** [CLHK10, JCG+16, LSKK16, LWC+22, PDZ+23, PKI+18, XWL+18, YLH+17]. **NANDFlashSim** [JCG+16]. **Nap** [WLL+22]. **NCQ** [YSEY10]. **NDP** [SXF21]. **Near** [LJFS17, LFH+17, SXF21, YLH+17].

Near-Data [SXF21]. **Near-Optimal** [LFH+17]. **Near-Perfect** [YLH+17]. **Near-Precise** [LJFS17]. **Nearest** [JCB+24]. **Need** [WZH+20]. **Neighbor** [JCB+24]. **Nested** [WLL+19]. **Network** [JB05, SSOT17, TIM+18, WTZ+23, BBK+09, GSL+05, YC07]. **networks** [GGE+05]. **Next** [JMS22, PKI+18]. **Next-Generation** [PKI+18]. **NFS** [BBK+09, CBH+17]. **Nil** [GAR+22]. **Nil-external** [GAR+22]. **Nimble** [ZCJ+21]. **nine** [TZJW08]. **Niobe** [MTJ+08]. **Node** [SKM+18]. **Non** [BAM+21, YCM+20]. **Non-Volatile** [YCM+20, BAM+21]. **Nondeterministic** [SSWC14]. **Nonvolatile** [KLL+24, LBN14, MTH+08, WCC15]. **NOR** [CLHK10]. **note** [Lon12]. **Novel** [HSL+18]. **NUMA** [WLL+22]. **NVLSM** [ZD21]. **NVM** [CYW+17, LKB+17, WWW+18, XS18]. **NVMe** [GLSB18, KSL+23, LCR+21, LPS+23, LLYS23, LGKK22]. **NVMe-over-Fabrics** [GLSB18]. **NVMeVirt** [KSL+23]. **NVMM** [CLZ+21]. **NVMM-Oriented** [CLZ+21]. **NVMs** [CST+24]. **NVRAM** [KSKN18, LV17].

O [CDW+22, CBH+17, GCD+22, HHFD17, HCO+17, JPB17, KR10, KDS20, LPS+23, LSZ19, MQRY11, MKLC06, PNW+24, SSHY16, WLX+22, WOJ+18, WCY+24, YXZ+23, YSEY10, ZXJ11]. **O-intensive** [QJM+09]. **Oasis** [ZWG+23]. **Object** [HJW15, ZWG+23]. **Object-based** [ZWG+23]. **objective** [CLBB21]. **Objects** [LSDW17, MBTM+22]. **Observations** [XWL+18]. **Obtaining** [GW10]. **Octopus** [ZCW+21]. **off** [NDR08]. **off-loading** [NDR08]. **Offline** [GNB16]. **Offloading** [CDW+22]. **Offs** [LCMZ15]. **One** [WZH+20, ZRRW20, ZZS+22]. **One-sided** [ZZS+22]. **One-Time-Access-Exclusion** [WZH+20]. **One-to-One** [ZRRW20]. **Online** [KMM+12, TCJ+11]. **only** [SZS+12]. **Open** [LSZ19]. **Open-Channel** [LSZ19]. **OpenSSD** [KLP+20]. **Operating** [SSR+10]. **Operation** [ASD15, TB09]. **Operations** [YCY+20]. **Optical** [YYC+18]. **Optimal** [AT13, GB07, HLZ+17, LFH+17, LFJ+17, NSKY21, Tos09, WSZ+10]. **Optimality** [KYL+20]. **Optimization** [CLBB21, JYZ+15, KCC13, MJW+14, STC23, YPU+23, YZJ+17, HDW+08, WCR+06]. **Optimize** [YCY+20]. **Optimized** [CDW+22, EKB+16, HAL+23, WLL+19, YFHW20, KAG+22, LKE18, SHWH12]. **Optimizing** [CYW+17, KH10, STZ10, SYK+11, TSWT22, DRK08]. **Oracle** [KFPS20]. **OrcFS** [YOL+18]. **Orchestrated** [YOL+18]. **Order** [WOJ+18]. **Ordered** [WCCZ21]. **Organization** [TB09]. **Oriented** [CLZ+21, CHHH12, LHZ+23]. **OS-Level** [KHW+16]. **OSDI** [BL22, LH21, AW23]. **OSDI'18** [ADV19]. **Other** [YZJ+17]. **Ouroboros** [LV17]. **Out-of-Core** [FCZ+23]. **Out-of-Line** [LXNL15]. **Output** [XOZ+20]. **Outsourced** [DFP+15, MNT06]. **Overhead** [LSZ19]. **Owner** [TLM+23]. **Owner-free** [TLM+23].

P [BLN09]. **P/PA** [BLN09]. **P/PA-SPTF** [BLN09]. **P2P** [HBP11]. **PA-SPTF** [BLN09]. **Page** [KLK17, LKE18, PDZ+23, YYM+18]. **Page-state-aware** [PDZ+23]. **Paired** [KLK17]. **Pannier** [LSDW17]. **PARAID** [WOQ+07]. **Parallel** [HGZ+22, KCC13, PNW+24, MQRY11]. **Parallelism** [BLN09, CHL16, XCR18]. **Parallelism-aware** [BLN09]. **Parallelizing** [SPR19]. **Parity** [WCJ+24, MJW+12, TCJ+11]. **Parity-based** [WCJ+24, MJW+12, TCJ+11]. **Partial** [ZLL+20]. **Partitioning** [WZC+24]. **Patches** [May22]. **Path** [DMS+16, ZJP+18]. **Pattern** [KPY17, LXC+22, WZC+24]. **Pattern-Based** [LXC+22].

Pattern-Change-Aware [KPY17]. **Patterns** [SKM+18, MKLC06]. **PBS** [ZLL+20]. **PCIe** [LLYS23]. **PCM** [LLH+18]. **Penalty** [PWLW21]. **Penalty-** [PWLW21]. **Per-File** [DMS+16]. **Perfect** [YLH+17]. **Performance** [CST+24, CBH+17, CSY+14, Des14, EHW23, FCZ+23, GSS+18, GLSB18, HGZ+22, HCO+17, JPB17, KKZ05, KPY17, KCLK21, KCC13, LB14, LSKK16, LLZA05, LCMZ15, LCLX19, LZL+23, LFH+17, LWC+22, MJW+14, PDZ+23, PAL+17, QFS+17, SHDA17, SYK+11, TSWT22, TGL+18, VAM+19, WMCJ16, XXL+11, XCK+14, YGJS21, YFHW20, ZXJ11, ZRRW20, ZDZ+21, ZHSH23, CHHH12, JB05, KR10, LCZ05, LHZ+23, MJW+12, STZ10, WKRP06, ZSW+06, ZHW19]. **Perseid** [WLW+24]. **Persistence** [LSS16]. **Persistent** [CNJ+20, CSOL18, CCC+18, CLZ+21, GZXZ23, HJW15, KSKN18, LRZ+22, LSS16, MCR18, SCW+20, WLL+22, ZD21, ZCL+21, ZHZL23, ZHSH23, ZCW+21, ZHW19]. **Persistent-memory-related** [GZXZ23]. **persistent-RAM** [WKRP06]. **Persisting** [WWW+18]. **Perspective** [CPW+15, HCO+17, SLXH23, WWW+18]. **Phase** [KSDC14, XK24]. **Pipelining** [LYL+21]. **Placement** [CLBB21, IJK+17, MEK+14, MMR+09]. **Plan** [NSKY21]. **Platform** [PYY19]. **PM** [HAL+23]. **PM-Based** [HAL+23]. **Policy** [EFM17, WZH+20, CHLK11, WSZ+10]. **Polling** [WCY+24]. **Portable** [AEMWC+12]. **Portably** [THWD08]. **Possession** [EKB+16, ZB16]. **possible** [GS06]. **Post** [XPZ+23]. **Post-Deduplication** [XPZ+23]. **postal** [GSL+05]. **POTSHARDS** [SGMV09]. **Power** [KAG+22, YHJ13, NDR08, WOQ+07]. **power-aware** [WOQ+07]. **Power-optimized** [KAG+22]. **powered** [KH10]. **Practical** [KSCM23, KCLK21, LXZ+23, MHS20, NDR08, MTJ+08, MB12, EM05]. **Practice** [HLZ+17, MBTM+22]. **PRE** [MQRY11]. **PRE-BUD** [MQRY11]. **Precise** [LJFS17]. **Predictable** [LGKK22]. **Predicting** [Hal16]. **Prediction** [ZWF22]. **Predictive** [EA08, WM16]. **Prefetching** [JDXD13, LXC+22, GB07, MQRY11]. **presence** [DEH+08]. **Preservation** [YYC+18]. **PRESIDIO** [YPLG11]. **Preventing** [HSW09, YSEY10]. **Primary** [PP16]. **Principled** [YLADAD23]. **Priorities** [DKJS21]. **Private** [DFP+15]. **Proactively** [MTD+15]. **Process** [SWY18]. **Process-in-Memory** [SWY18]. **Processing** [FCZ+23, HSL+18, PYY19, SXF21, ZZL+19a, HDW+08]. **Processing-in-Memory** [HSL+18]. **Production** [GSS+18, XOZ+20]. **Programming** [GR21, HCCK18, LPS+23]. **Programs** [FCZ+23]. **protect** [SDG10]. **Protecting** [MTD+15]. **Protection** [KLK17]. **Protocol** [AGL+18, MTJ+08]. **Protocol-Aware** [AGL+18]. **Prototype** [KLP+20, SS14]. **Provable** [EKB+16, ZB16]. **Provably** [CNS+18]. **Provably-Correct** [CNS+18]. **Provenance** [XMRF+13, HSW09]. **Provide** [HZN+19]. **Providing** [KHW+16]. **Provisioning** [IJK+17]. **PSA** [PDZ+23]. **PSA-Cache** [PDZ+23]. **Pumping** [LLH+18]. **Pyramid** [HCL13].

QoS [HKP09]. **Queries** [QZL+23, TLM+23, Tos09]. **Query** [SWY18]. **Queueing** [IJK+17]. **Queueing-Based** [IJK+17]. **quFiles** [VFNN10]. **Quick** [MHS20]. **quickly** [GW10].

RACE [ZZS+22]. **races** [THWD08]. **Rack** [YYC+18]. **Rack-based** [YYC+18]. **RAID** [IV15, BKPM10, DEH+08, ES14, GNB16, HHK+21, HM05, IHHE11, KZZ07, LS12,

MR16, PBV11, PB14, Tri15, WXS16, WOQ+07, XXL+11, ZZL13]. **RAID-0** [WXS16, ZZL13]. **RAID-6** [IV15, LS12, PBV11, XXL+11]. **RAIDs** [TCJ+11, WCJ+24]. **RAIDShield** [MTD+15]. **RAIL** [LGKK22]. **RAM** [CCC+18, WKRP06, ZLL19]. **RAM-Based** [CCC+18]. **Random** [MEK+14, WLX+22]. **randomization** [WB05]. **Range** [QZL+23, Tos09]. **Rapid** [KLP+20]. **rate** [ASS05]. **rates** [SG07]. **Ratio** [HWZ+18]. **RB** [WWW+18]. **RB-Tree** [WWW+18]. **RDMA** [LHZ+23, LLYS23, SCW+20, WCCZ21, ZCW+21, ZZS+22]. **RDMA-Based** [WCCZ21]. **RDMA-conscious** [ZZS+22]. **RDMA-Enabled** [ZCW+21, SCW+20]. **RDMA-oriented** [LHZ+23]. **Reactions** [GAADAD17]. **Read** [KPY17, MJW+14, QFS+17, TGL+18]. **Read-Performance** [MJW+14]. **Read-Write** [KPY17]. **Read/Write** [TGL+18]. **Real** [KH20, WCR+06]. **Real-time** [KH20, WCR+06]. **realistic** [AADAD09]. **Realizing** [KLC+23]. **reallocation** [ABLM07]. **Rebuttal** [IV15]. **Reclamation** [KSGP17]. **Recon** [FSM+12]. **Reconfigurable** [NCP+22, SXF21]. **Records** [WLL+19]. **Recover** [RPA+21]. **Recoverable** [KSCM23, YCM+20, SGMV09]. **Recovery** [AGL+18, CNS+18, HGZ+22, HHK+21, XXL+11, YFHW20, ZLL19, HF05, WKC06]. **Redis** [PWLW21]. **Reduce** [JAM+16]. **Reducing** [HBP11, LKB+17, WZH+20]. **Reduction** [LLH+18, EA08]. **Redundancies** [HZQX13]. **Redundancy** [FLY21, GAADAD17, IHHE11, DEH+08]. **redundant** [TB09]. **Reed** [Tri15]. **Regenerating** [HBP11, LFH+17]. **regeneration** [YV05]. **REGISTOR** [PYY19]. **regulatory** [PB05]. **Rekeying** [QLL17]. **Rekeying-Aware** [QLL17]. **related** [GZXZ23]. **Reliability** [ES14, Hal16, HM05, IV15, Ili23, JMHS20, LWC+22, MMES21, WMCJ16, BKPM10, DEH+08, MJW+12, TB09]. **Reliable** [CWY+15, HCL13]. **remapping** [CLP09]. **Remote** [WCCZ21, ZB16]. **removable** [CHLK11]. **Reordering** [JPB17, AWC09]. **Reorganization** [ZCJ+20]. **Repair** [HLZ+17, HBP11, LYL+21, LFH+17, LFJ+17]. **Repairable** [KYL+20]. **Reparo** [HHK+21]. **Replacement** [HWF+16, LKE18, SZ05]. **Replacing** [LRZ+22]. **Replay** [HHFD17]. **replica** [MMR+09, YV05]. **Replicated** [AT13, GAR+22]. **Replication** [CZD+17, NB13, EA08, MTJ+08, SHWH12]. **Repositories** [ASM12]. **Reprogramming** [GYX+22]. **Request** [SYK+11, ZFX+18, BLN09]. **ReRAM** [HSL+18]. **ReRAM-Based** [HSL+18]. **Research** [KSL+23]. **Resemblance** [XPZ+23]. **Resident** [WLX+22]. **resilient** [YLRL22]. **resizing** [ZHW19]. **Resource** [CCC+18, VAM+19, CK05]. **Response** [AT13]. **restartable** [SSR+10]. **Rethinking** [AWC09, BKPM10]. **Retrieval** [AT13, Tos09]. **Reuse** [YYM+18]. **Reviewers** [Noh19, Noh21]. **Revisiting** [KAU12]. **Right** [YZJ+17, VFNN10]. **robin** [ZSXZ07]. **Robust** [EEFM22, GZH+18, VDV17]. **RocksDB** [DKJS21]. **ROS** [YYC+18]. **round** [ZSXZ07]. **round-robin** [ZSXZ07]. **RRAM** [SWY18]. **RRAM-Based** [SWY18]. **runtime** [FSM+12].

SAN [CSY+14]. **Sanitization** [WCY+24]. **SATA** [HM05]. **Scalability** [JGW+23]. **Scalable** [ASS05, DFB+20, HHFD17, KLK+22, MEK+14, WLX+22, XK24, YHJ13]. **Scale** [GSS+18, Hal16, JCB+24, MMES21, MEK+14, SSVG13, VTHB18, WXH+16, ZCJ+20, CK05, DFB+20, DKJS21, HDW+08, PNW+24, WBZ+19, YYR21, WXH+16].

Scaling [ZZL13, ZSXZ07]. **Scan** [WLL+19]. **Scan-Optimized** [WLL+19]. **Schedulability** [YLADAD23]. **scheduler** [YSEY10]. **Scheduling** [ZFX+18, BLN09, VJG08]. **Scheme** [HCCK18, HHK+21, HC17, JSC20, JDXD13, KLK17, PDZ+23, WTZ+23, DEH+08, DJC07, Tos09, WHE12]. **Schemes** [HCL13]. **Science** [CHA+11]. **Scientific** [ASM12, LGL22, VMF+06]. **SCMFS** [WQR13]. **Scrubbing** [IHHE11]. **SD** [PB14]. **Search** [JCB+24, GGE+05]. **Searchable** [TLM+23]. **Secondary** [WLW+24]. **Section** [AY21, AW23, ADV19, ADZ20, BL22, CK22, DP22, GN23, GR19, KKR20, LH21, MT20, NW21, Noh22, SZ23, WL24]. **Sector** [LL14, PB14, GW10, SDG10]. **Sector-Disk** [PB14]. **Secure** [BCQ+13, DMS+16, YCM+20, EM05, HSW09, LBOX12, MT09, SGMV09]. **Security** [SLXH23, WCY+24, HM05, NQX06]. **Seeding** [NSKY21]. **Seek** [SYK+11]. **Seek-Optimizing** [SYK+11]. **Selecting** [WSZ+10]. **Self** [CDW+22, JGW+23, HF05, THTT08]. **Self-Adaptive** [CDW+22]. **Self-managed** [JGW+23]. **self-managing** [HF05]. **self-tuning** [THTT08]. **Semantics** [KDS20, WDG+06, WSSZ07]. **Semi** [ZWF22, BFHR09]. **semi-structured** [BFHR09]. **Semi-supervised** [ZWF22]. **sensor** [GGE+05, LZYK+06]. **Separating** [LPG+17]. **Sequential** [LSKK16, GB07]. **Server** [FLY21, MHS20, WLC+22, ASS05, STZ10]. **Server-based** [FLY21]. **server-class** [STZ10]. **Servers** [SXF21]. **Service** [CLBB21, LZY+24, SSWC14, ZXJ11, ZLLH23, KFPS20]. **Services** [ZLQ+22, VJG08]. **Serving** [DKJS21]. **shadowing** [Rod08]. **Shared** [HA17, ZZL+19b, GB07, VJG08, WB05]. **shared-disk** [WB05]. **Shared-Everything** [ZZL+19b]. **Sharing** [CCC+18]. **ShieldNVM** [YCM+20]. **shifting** [PB05, WOQ+07]. **Shingle** [ZZW+17]. **Shingle-Aware** [ZZW+17]. **Shingled** [ASD15, JAM+16]. **Shuffle** [DFP+15]. **Side** [HA17]. **sided** [ZZS+22]. **similarity** [KR10]. **Simplifying** [MCR18]. **Simulation** [JCG+16]. **Single** [KPY17, SKM+18]. **Single-Node** [SKM+18]. **Size** [EEFM22, LS12]. **Sketching** [HHS+20]. **Skew** [YZ16]. **Skylight** [ASD15]. **SLAS** [ZSXZ07]. **SLC** [HCCK18]. **SLC-Like** [HCCK18]. **Slicing** [MEK+14]. **SlimCache** [JSC20]. **SLO** [LJFS17]. **Slow** [GSS+18, LXZ+23]. **Small** [SYK+11]. **Smart** [GHWK15]. **SmartCon** [GHWK15]. **SmartFVM** [KLK+22]. **smartphones** [KAU12]. **SMR** [SHDA17, STC23, WLD21, XXD19, ZYWX22]. **SMR-aware** [STC23]. **Snapshots** [DS16]. **soft** [WCR+06]. **Software** [JCB+24, LCZ+19, LBOX12]. **Software-Defined** [LCZ+19]. **Software-Hardware** [JCB+24]. **SolarDB** [ZZL+19b]. **Solid** [CHL16, GYX+22, LXC+22, SS14, SLZ+23, WCXY15, XCR18, ZWH+17, CHHH12]. **Solid-State** [CHL16, LXC+22, SS14, WCXY15, XCR18, SLZ+23, CHHH12]. **Solomon** [Tri15]. **Solution** [TGL+18]. **Solutions** [VTHB18, GS06]. **solving** [THWD08]. **SOPA** [WSZ+10]. **Sorting** [WH15]. **SOSP** [ADZ20, Noh22]. **Space** [HCL13, KSGP17, LRE22, VAM+19]. **spatial** [DJC07]. **Special** [AR18, AY21, AW23, ADV19, ADZ20, BP17, BL22, CK22, DP22, DH16, DdL18, GZ21, GN23, GR19, KKR20, KW17, LH21, MT20, MT17, MW20, NW21, Noh22, SZ15, SZ23, ST14, WL24, XS18, YP19, ADAD07, Bak08, BF12, SW09, PWS17]. **Spectrum** [VTHB18]. **Speculation** [SPR19]. **Speculative** [ZLL+20]. **Spiffy** [SFW+20]. **Spikes** [ZZL+24]. **Spin** [ST06]. **spintronics** [ST06]. **SPTF** [BLN09]. **SQL** [SWY18].

SSD [BKPM10, Des14, JMHS20, JMS22, KPY17, LPG+17, MR16, PYY19, QFS+17, WXS16, WLC+22, WMCJ16, YGJS21]. **SSD-Based** [WMCJ16, YGJS21]. **SSD-Conscious** [LPG+17]. **SSDPlayer** [YS17]. **SSDs** [CPW+15, HHK+21, IBC+21, KCLK21, LSKK16, LCR+21, LSZ19, MMES21, SPP11, WCJ+24, WHE12, WCY+24, XXD19, YLH+17]. **Stack** [SSOT17, TIM+18, WOJ+18, BADAD+08]. **STAIR** [LL14]. **State** [CHL16, GYX+22, LXC+22, SS14, WCXY15, XCR18, ZWH+17, CHHH12, HF05, PDZ+23, SLZ+23]. **Statistical** [WM16]. **Status** [WBZ+19]. **Storage** [AWK+20, AAB+23, AGL+18, AT13, BWV16, BN16, BCQ+13, CDW+22, CHA+11, CWY+15, CCC+18, CLBB21, CSY+14, DFB+20, FLY21, GAADAD17, GAR+22, GR09, GCD+22, GR21, GHWK15, GLSB18, Hal16, HHS+20, HA13, HA17, HDW+08, HC17, HCO+17, HWC12, HWZ+18, HZQX13, HCL13, IHHE11, IJK+17, Ili23, KHW+16, KLE20, KAG+22, KCMDM20, KSDC14, KKR20, KSL+23, KMM+12, KDS20, KFPS20, KLP+20, KLK+22, LB14, LKB+17, LXNL15, LJFS17, LCLX19, LYL+21, LWLS23, LZL+23, LFJ+17, LPG+17, LPR+19, MMES21, MJW+14, MHL+15, MEK+14, NSKY21, NCP+22, PSX+21, PWS17, PP16, PYY19, QLL17, SBMW17, SCW+20, SSHY16, SSOT17, SSWC14, SWY18, SFW+20, TSWT22, VTHB18, VDV17, WBZ+19, WCW+22, WLC+22, WLW+24, WZC+24, WLL+19, WM16, WOJ+18, WQR13, WTZ+23, XMRF+13, XXD19, XCK+14, XS18, YP19, YYC+18, YLADAD23, YOL+18, YPLG11, YHJ13, ZSW+06, ZXJ11, ZZL+19a, ZLL19, ZLL+20, ZLLH23, ZWG+23]. **Storage** [ZLQ+22, ZFX+18, ZT20, ZZL+24, ZZL+19b, AAADAD12, BLN09, BADAD+08, BJD06, CK05, CHLK11, CCB07, DEH+08, DRK08, EM05, GGE+05, GSL+05, HWB+06, HBL+06, HKC06, HKP09, HM05, JB05, JHZK08, JBLF10, JWK+10, KR06, KKZ05, KH10, KAU12, LCZ05, LSZ09, LBOX12, MMR+09, MTH+08, MRZ+09, NDR08, RDCS07, SPADAD05, SGMV09, TZJW08, VMF+06, WCR+06, YC07]. **Storage-as-a-Service** [CLBB21]. **Store** [CZD+17, DKJS21, HJW15, KH20, LCR+21, LHZ+23, PSX+21, WCCZ21, ZD21, ZYWX22, ZZL+24]. **Stores** [HAL+23, KAG+22, KLC+23, SXJ+24, YWH+17]. **Storing** [BFHR09]. **Strategies** [LB14]. **Strategy** [WXS16, CLHK10, XS09]. **Stream** [BYY+22, HDW+08, SHWH12]. **stream-informed** [SHWH12]. **stream-processing** [HDW+08]. **Streaming** [ZCJ+20, ASS05, RDCS07]. **strictly** [Tos09]. **Strip** [LSZ09]. **Strip-based** [LSZ09]. **Stripe** [WXH+16]. **striped** [ZSXZ07]. **Strong** [GAADAD21, KLC+23, YC07]. **Structure** [SWY18, ZHW19]. **Structured** [KLC+23, WXS16, ZD21, ZZL+19b, BFHR09]. **Structures** [ZYS+22, LZYK+06]. **Study** [GCD+22, HGZ+22, KSDC14, LCZ+19, LADADL14, MMES21, SLXH23, VTHB18, ZT20, ABDL07, JHZK08, MB12, TZJW08]. **Subsumes** [LBN14]. **subsystem** [JHZK08]. **Subsystems** [SYK+11, HKP09, SZ05]. **Summary** [LWC+22]. **SUPA** [KPY17]. **Supercomputer** [XOZ+20]. **Supercomputers** [YXZ+23]. **supervised** [ZWF22]. **supplementary** [TCJ+11]. **support** [ASS05, SSR+10]. **Supporting** [TLM+23]. **Survey** [MH22]. **SWANS** [WXS16]. **Swap** [BCBS23]. **Switching** [GHWK15]. **Symmetric** [TLM+23]. **Sync** [WTZ+23, ZLQ+22]. **Synchronous** [LSZ19, NB13, SYK+11]. **Synchronous/Asynchronous** [NB13]. **System** [CST+24, CWG+19, CSOL18, CCC+18, GAADAD17, GZH+18, JYZ+15, KCMDM20, LRE22, LADADL14, MDAD+14, MH22,

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