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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].	[GZ21, LH21, NW21]. 2021 [AY21, BL22, CK22, Noh22]. 2022 [DP22, SZ23]. 2023 [GN24, GN23, WL24]. 2024 [MY25].
-D [ZWM ⁺ 20]. -Tree [CNJ ⁺ 20, BSW ⁺ 25].	6 [ES14, LS12, PBV11, XXL ⁺ 11].
0 [WXS16, ZZL13].	Abstractions [GR21, ZBP ⁺ 25]. Abundant [ZCJ ⁺ 21]. Academic [CWY ⁺ 15]. Accelerate [SXJ ⁺ 24]. Accelerates [ZHDL23]. Accelerating [LGL22, LSC ⁺ 24, 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
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	

- [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, LWY⁺25, 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]. **Advancements** [GDB⁺25]. **advances** [CCB⁺25]. **Advancing** [SWO⁺25]. **Adventures** [YZJ⁺17]. **AET** [PWLW21]. **Against** [MTD⁺15, KLK17, SDG10]. **Aggregating** [LWC⁺25]. **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** [AAA⁺25, GNB16, SWO⁺25, 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]. **Attached** [YWL⁺25]. **Attack** [YLRL22]. **Attack-resilient** [YLRL22]. **Attacks** [LLT⁺20]. **Attention** [WBZ⁺19]. **Attention-augmented** [WBZ⁺19]. **augmentations** [TCJ⁺11]. **Augmented** [KLL⁺24, WBZ⁺19]. **Authenticated** [LBY⁺24]. **Authentication** [MNT06]. **Automatic** [BYY⁺22, YV05]. **Auxiliary** [DMS⁺16]. **Availability** [XZW⁺25, SPADAD05, TCJ⁺11]. **Available** [CZD⁺17]. **Aware** [AGL⁺18, CWG⁺19, CKL⁺24, DLW⁺24, EEFM22, HC17, JCG⁺16, KPY17, QLL17, SFW⁺20, YYY⁺25, ZZL⁺17, BLN09, BBK⁺09, GAADAD21, PWLW21, PDZ⁺23, STC23, WOQ⁺07, WZC⁺24, ZZL⁺24]. **B** [BSW⁺25, CNJ⁺20, KSKN18, KLL⁺24, Rod08, RBM13]. **B-Tree** [CNJ⁺20, RBM13, KSKN18]. **B-trees** [Rod08]. **Back** [RBB⁺24]. **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, TXZ⁺24, 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, LSC⁺²⁴, LZYK⁺⁰⁶, MJW⁺¹², MRH09, QZL⁺²³, RDGS07, SLZ⁺²³, SCJS18, SXJ⁺²⁴, TCJ⁺¹¹, VJG08, WCJ⁺²⁴, WTD25, WKC06, WHE12, XHD19, YGJS21, YYC⁺¹⁸, ZWG⁺²³, ZLQ⁺²²]. **basis** [ST06]. **Batch** [YCY⁺²⁰]. **Batch-file** [YCY⁺²⁰]. **battery** [KH10]. **battery-powered** [KH10]. **Behavior** [ASM12, YLL⁺²⁴]. **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, XZW⁺²⁵, ZLL⁺²⁰, ZLLH23, AWC09, LCZ05]. **Block-Level** [KMM⁺¹², LZY⁺²⁴]. **Blockchain** [LBY⁺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, LWY⁺²⁵, RDGS07, 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, XHD19, 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, SWO⁺²⁵, VTHB18, CCB⁺²⁵]. **Change** [KSDC14, KPY17, XK24]. **Channel** [KPY17, LSZ19]. **Chaos** [WOJ⁺¹⁸]. **Characteristic** [YYY⁺²⁵, 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, LSC⁺²⁴]. **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** [AAA⁺25, BCQ⁺13, CCB⁺25, CLBB21, HC17, HCO⁺17, LWLS23, LZY⁺24, LPR⁺19, MJW⁺14, VDV17, WZH⁺20, WZC⁺24, WTZ⁺23, XZW⁺25, 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, YCLY25]. **Co-Design** [TIM⁺18, SVG⁺20, XXD19]. **Co-optimize** [YCLY25]. **code** [LS12, LS12]. **Coded** [HLZ⁺17, HZQX13, LZW25, ZLL⁺20, Ili23, LYI⁺21, NCP⁺22]. **Codes** [HBP11, JMS22, KSCM23, KYL⁺20, LL14, LFH⁺17, LFJ⁺17, PB14, Tri15, XXL⁺11, YYM⁺18, YFWH20, LSZ09, PBV11, HCL13]. **Coding** [CZD⁺17, SCC⁺25, 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, LSC⁺24, ZT20, JHZK08]. **Compressed** [May22, YLL⁺24]. **Compression** [JSC20, KMM⁺12, RBB⁺24, TXZ⁺24, XPZ⁺23, SHWH12]. **Computation** [YCLY25]. **Computational** [CHA⁺11, KKR20, WTD25]. **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** { [WKR06]. **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, LXkLW25]. **Consolidated** [ZXJ11]. **Constructing** [VMF⁺06]. **Consumption** [CPW⁺15]. **Container** [LSDW17, LDZZ23, ZDZ⁺21, ZLA⁺24]. **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, LXkLW25, MMP⁺19, PAL⁺17, WKC06]. **Crash-consistent** [LXkLW25]. **CrashMonkey** [MMP⁺19]. **Cross** [WCR⁺06]. **Cross-layer** [WCR⁺06]. **ctFS** [LRZ⁺22]. **Cuckoo** [WWJ⁺23]. **Cumulus**

[VSV09]. **Current** [GDB⁺25]. **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, KWK⁺25, KLK17, KDS20, KH20, LKB⁺17, LCZ⁺19, LSC⁺24, LDZZ23, MEK⁺14, PYY19, SWO⁺25, SXF21, SSWC14, WCW⁺22, WZC⁺24, WH15, WCY⁺24, YYC⁺18, YPLG11, ZB16, ZWM⁺20, ZWG⁺23, ZYLL24, 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** [YYY⁺25, SHWH12, VMF⁺06]. **David** [AAADAD12]. **decentralized** [TCL12]. **Decoupled** [LZC⁺18]. **Decoupling** [ZRRW20]. **Deduplicated** [HHS⁺20, KKD⁺22, NSKY21, ZYS⁺22]. **Deduplication** [CWG⁺19, DLW⁺24, LXNL15, LLT⁺20, LDZZ23, MSM⁺17, MJW⁺14, PP16, QLL17, RBB⁺24, XPZ⁺23, YLRL22, ZDZ⁺21, ZCL⁺24, ZLA⁺24, 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** [TXZ⁺24, WTZ⁺23, XPZ⁺23, ZLQ⁺22, SHWH12]. **DeltaFS** [ZCJ⁺20].

demand [YCLY25]. **Demonstration** [LSC⁺24]. **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, GDB⁺25, HWC12, IBC⁺21, KSCM23, LSDW17, LCLX19, MH22, QLL17, SS14, SCW⁺20, TXZ⁺24, TIM⁺18, XPZ⁺23, YCY⁺20, ZZL13, ZCL⁺24, CHHH12, GS06, SVG⁺20, WKRP06, WKC06, XXXD19]. **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, MZLK24, QZL⁺23, SCJS18, SSHY16, ZXJ11, HBL⁺06]. **Devices** [CSY⁺14, GHWK15, JPC⁺20, KLE20, KLK⁺22, WTD25, ZWH⁺17, BLN09, CHLK11, GR09, KH10, LZYK⁺06]. **DFS** [JBLF10]. **DIDACache** [SCJS18]. **Differential** [BKPM10]. **Differentiation** [CKL⁺24, KKZ05]. **Diffs** [May22]. **digital** [GSL⁺05]. **dimensional** [ZYS⁺22]. **Direct** [CSOL18]. **Direct-Access** [CSOL18]. **directed** [LLZA05]. **Directions** [LZW25]. **Directories** [ZCJ⁺20]. **Directory** [ZJP⁺18]. **Disaggregated** [CDW⁺22, LHZ⁺23, LZS⁺24, ZHDL23]. **Disaggregation** [GLSB18, JCB⁺24]. **Discovery** [LGL22]. **Disk** [ASD15, HWF⁺16, IHHE11, JDXD13, Kas18, KK25, LCZ⁺19, MTD⁺15, PB14, SSVG13, SYK⁺11, TGL⁺18, WXH⁺16, WLX⁺22, WMCIJ16, 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, ZLZ^{+19a}, ZLL19, ZHDL23, 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]. **DMA** [LSC⁺²⁴]. **DNA** [SWO⁺²⁵]. **Docker** [ZLA⁺²⁴]. **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, WZH⁺²⁵, YYY⁺²⁵, ZB16, THHT08].

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, YCLY25]. **Efficient** [CK05, CWY⁺¹⁵, CZD⁺¹⁷, DFP⁺¹⁵, EFM17, GAADAD21, HKC06, IJK⁺¹⁷, JSC20, KSGP17, KLK17, LXNL15, LCLX19, LBY⁺²⁴, LLYS23, LZYK⁺⁰⁶, LSS16, LBOX12, May22, MRZ⁺⁰⁹, MEK⁺¹⁴, PSX⁺²¹, PP16, SZ05, SSHY16, SSC⁺²⁴, TCL12, WLX⁺²², XPZ⁺²³, XMRF⁺¹³, YCM⁺²⁰, YWH⁺¹⁷, YPLG11, ZJP⁺¹⁸, ZB16, ZLL⁺²⁰, ZLLH23, BSW⁺²⁵, DFB⁺²⁰, EM05, LS12, MQRY11, WKC06, ZSXZ07]. **Efficiently** [YWL⁺²⁵]. **EIC** [Ano20]. **Elastic** [MZLK24, XCK⁺¹⁴]. **Elasticity** [XZW⁺²⁵]. **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, TXZ⁺²⁴]. **Encrypted** [DLW⁺²⁴, LLT⁺²⁰, QLL17, WTZ⁺²³, YLRL22, ZYLL24]. **Encryption** [TLM⁺²³]. **End** [PNW⁺²⁴, YXZ⁺²³, ZLA⁺²⁴]. **End-to-end** [PNW⁺²⁴, YXZ⁺²³, ZLA⁺²⁴]. **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** [MZLK24, PWLW21, MJW⁺¹²]. **Enhancement** [ZFX⁺¹⁸, CHHH12]. **Enlarging** [YWL⁺²⁵]. **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, SCC⁺²⁵, 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, GDB⁺25, LADADL14]. **Evolving** [KH20, XZW⁺25]. **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, YCLY25]. **Extract** [GW10]. **Extremely** [YLL⁺24]. **Extremely-Compressed** [YLL⁺24]. **eZNS** [MZLK24].
- F2FS** [ZCL⁺24]. **Fabrics** [GLSB18]. **face** [JMHS20]. **Fail** [GSS⁺18, LXZ⁺23]. **Fail-Slow** [GSS⁺18, LXZ⁺23]. **Failed** [XXL⁺11]. **Failure** [HGZ⁺22, PB14, ZLL19, ZWF22, JHZK08, SG07]. **Failures** [LL14, MTD⁺15, RPA⁺21, SSVG13, JHZK08]. **Family** [LL14]. **FAST** [AR18, AY21, Bak08, BF12, BP17, DP22, GN23, KW17, MY25, MW20, NW21, SZ15, ST14, CST⁺24, CSY⁺14, GAR⁺22, GHWK15, HHK⁺21, HWZ⁺18, KLK⁺22, LRE22, LCR⁺21, MDAD⁺14, SSHY16, TXZ⁺24, TPM⁺11, WXH⁺16, WLX⁺22, WCCZ21, WZC⁺24, XPZ⁺23, YCM⁺20, ZLL19, ZT20, WCJ⁺24, ADAD07, SW09, WTZ⁺23]. **FAST'10** [BK10]. **Fastmove** [LSC⁺24]. **FASTSync** [WTZ⁺23]. **Fault** [GAADAD17, KYL⁺20, ASS05, EM05, LSZ09]. **fault-tolerant** [ASS05, EM05]. **Faults** [GAADAD17, GSS⁺18]. **Feature** [DLW⁺24]. **Feature-Aware** [DLW⁺24]. **Federated** [CLBB21]. **Ffsck** [MDAD⁺14]. **Fidelity** [JCG⁺16]. **Field** [MMES21]. **fields** [LBOX12]. **File** [AEMWC⁺12, CST⁺24, CWG⁺19, CYW⁺17, CSOL18, CCC⁺18, DMS⁺16, GAADAD17, GR09, GZH⁺18, HGZ⁺22, HZN⁺19, JMHS20, JYZ⁺15, JPC⁺20, KXK⁺20, KFPS20, LRE22, LRZ⁺22, LADADL14, LSZ19, MDAD⁺14, MH22, MHS20, MLZG19, MMP⁺19, PNW⁺24, SFW⁺20, SLXH23, VAM⁺19, WCC15, WQR13, YOL⁺18, YZJ⁺17, ZZW⁺17, ZJP⁺18, ZCJ⁺21, ZJQ⁺15, ZRRW20, ZHSH23, ZCW⁺21, ABDL07, AADAD09, AWC09, BBK⁺09, CCB07, FSM⁺12, JB05, JBLF10, JWK⁺10, MKLC06, PB05, STZ10, SSR⁺10, TPM⁺11, TZJW08, THWD08, VFNN10, WKRP06, WSSZ07, WKC06, XS09, YCY⁺20, ZIJ⁺06]. **File-System** [GAADAD17, MDAD⁺14, MMP⁺19, SFW⁺20, HZN⁺19, ABDL07, AADAD09]. **Files** [YCY⁺20, ZRRW20]. **Filesystem** [RBM13, SVG⁺20, VSV09]. **Finding** [KXK⁺20]. **Findings** [LWLS23]. **Fine** [CYW⁺17]. **Fine-grained** [CYW⁺17]. **Fingerprint** [ZDZ⁺21]. **finite** [LBOX12]. **Firmware** [WTD25]. **five** [ABDL07]. **five-year** [ABDL07]. **Flash** [BYY⁺22, BOL⁺25, CHL16, GYX⁺22, HCCK18, HWC12, HWF⁺16, JSC20, JCG⁺16, KLP⁺20, KCC13, LSKK16, LKB⁺17, LSDW17, LPS⁺23, LZW25, LGKK22, LWC⁺22, MBTM⁺22, PDZ⁺23, PSX⁺21, PKI⁺18, SCJS18, TIM⁺18, WCXY15, WOJ⁺18, WH15, XWL⁺18, YS17, YYM⁺18, YLH⁺17, YPU⁺23, YOL⁺18, ZWH⁺17, CK05, CLHK10, CLP09, HKC06, JBLF10, LZYK⁺06, SPP11, WKC06, WHE12]. **Flash-Based** [HWF⁺16, LSKK16, JSC20, SCJS18, LZYK⁺06, WHE12]. **Flash-Memory** [BOL⁺25, CK05]. **Flash-oriented** [LZW25]. **Flash/Network** [TIM⁺18]. **FlashNet** [TIM⁺18]. **Flat** [CST⁺24]. **FlatLSM** [HAL⁺23].

- FlexDPDP** [EKB⁺16]. **Flexible** [HCL13, KLK⁺22, YFWH20, ZHW19]. **Flexible-resizing** [ZHW19]. **Flexlist** [EKB⁺16]. **Flexlist-Based** [EKB⁺16]. **Floating** [XWL⁺18]. **FluidSMR** [WLD21]. **forgery** [HSW09]. **Form** [ES14, IV15]. **Fragmentation** [KCMDM20]. **Fragmented** [LWY⁺25]. **Framework** [CNS⁺18, GCD⁺22, KXK⁺20, LXkLW25, PNW⁺24, STC23, YPLG11, ZJQ⁺15, VJG08]. **FRASH** [JWK⁺10]. **Free** [KLE20, KSGP17, TLM⁺23, ZYWX22]. **Frequency** [LLT⁺20]. **Friendly** [BN16, KSKN18]. **Frog** [ZJQ⁺15]. **FSDDedup** [DLW⁺24]. **fsync** [RPA⁺21]. **FTL** [CNS⁺18, KPY17]. **FTP** [AWC09]. **Full** [ZJP⁺18]. **Full-Path-Indexed** [ZJP⁺18]. **Fully** [YCLY25]. **Fully-external** [YCLY25]. **Functional** [LFH⁺17]. **Functionality** [LBN14]. **FUSE** [VAM⁺19]. **Future** [KWK⁺25, KK25, KWZZ25a, KWZZ25b, LZW25, SCC⁺25, ZBP⁺25]. **Fuzzing** [KXK⁺20].
- Games** [KKD⁺22]. **Garbage** [DS16, YLH⁺17]. **Gate** [XWL⁺18]. **GC** [ZYWX22]. **GC-free** [ZYWX22]. **GCMix** [KLK17]. **GCTrees** [DS16]. **GDS** [HC17]. **gear** [WOQ⁺07]. **gear-shifting** [WOQ⁺07]. **General** [LL14, LFH⁺17]. **Generalized** [AT13, LS12]. **Generating** [AADAD09, May22]. **Generation** [JMS22, PKI⁺18, DRK08]. **generic** [GSL⁺05]. **geometry** [GW10]. **Glass** [AAA⁺25]. **Glocality** [ZLL19]. **gLSM** [SXJ⁺24]. **goliath** [AAADAD12]. **Google** [YPU⁺23]. **GoSeed** [NSKY21]. **GPGPU** [SXJ⁺24]. **graceful** [JB05]. **GRAID** [SPADAD05]. **grained** [CYW⁺17]. **Graph** [HSL⁺18, SLZ⁺23, WZH⁺25, YCLY25, ZZL⁺19a]. **Graph-based** [SLZ⁺23]. **GraphOne** [KH20]. **Graphs** [KH20, MHL⁺15, WLX⁺22]. **GRID** [LSZ09]. **Group** [WM16]. **grouping** [EA08]. **Groupings** [WM16]. **Guest** [BP11, BK10]. **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, XZW⁺25]. **Hardware-based** [KLK⁺22]. **Hash** [QZL⁺23]. **Hash-based** [QZL⁺23]. **Hashing** [LCLX19, LWC⁺25, WWJ⁺23, ZHW19, ZZS⁺22]. **HBase** [CDW⁺22]. **HDD** [WLC⁺22]. **HDD-Writes** [WLC⁺22]. **HDDs** [RBB⁺24]. **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, WZH⁺25, WTZ⁺23, WCY⁺24, ZLA⁺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, WZH⁺25, ZHSH23, LHZ⁺23, ZLA⁺24, 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]. **HLN** [BSW⁺25]. **HLN-Tree** [BSW⁺25]. **HM** [LXkLW25, STC23, ZYWX22]. **HM-ORAM** [LXkLW25]. **HM-SMR** [STC23, ZYWX22]. **Holographic** [CCB⁺25]. **Host** [BOL⁺25]. **Host-Side** [BOL⁺25]. **Hot** [ZDZ⁺21, HKC06]. **hours** [SG07]. **HPDA** [MJW⁺12]. **huge** [BSW⁺25]. **Hundreds** [YYR21]. **Hybrid** [CZD⁺17, KCC13, LKE18, LXNL15, LCMZ15, LXkLW25, LWC⁺25, SSC⁺24, VDV17, WXH⁺16, WLC⁺22, WLD21, XXL⁺11, XMRF⁺13, YFWH20, 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, YLL⁺²⁴, 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, ZCL⁺²⁴]. **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, DLW⁺²⁴, 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, SSC⁺²⁴, YYY⁺²⁵, 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, RBB⁺²⁴, YYC⁺¹⁸]. **Insights** [KK25]. **Inspection** [JPC⁺²⁰]. **INSTalytics** [SVG⁺²⁰]. **Integrate** [XXD19]. **Integrated** [CKL⁺²⁴].

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** [CHL16, XCR18]. **International** [YP19]. **Interrupts** [TSWT22]. **intra** [DEH⁺⁰⁸]. **intra-disk** [DEH⁺⁰⁸]. **Intradisk** [IHHE11]. **Introduction** [AR18, AY21, AW23, ADAD07, ADV19, ADZ20, Bak08, BF12, BP17, BL22, CK22, DP22, DH16, DdL18, GZ21, GN24, GN23, GR19, KKR20, KW17, LH21, MY25, MT20, MT17, MW20, NW21, Noh22, PWS17, SZ15, SZ23, ST14, SW09, WL24, XS18, YP19]. **IO** [GHWK15, RHC15]. **IS-HBase** [CDW⁺²²]. **Isolation** [MZLK24]. **Isotope** [SBMW17]. **Issue** [AR18, BP17, DH16, DdL18, GZ21, KW17, MT17, MW20, PWS17, SZ15, ST14, XS18, YP19, ADAD07, Bak08, BF12, SW09]. **Issues** [GZXZ23, GS06]. **Iterative** [ZZL^{+19a}].

JFTL [CLP09]. **Jobs** [ZZL^{+19a}]. **journal** [CLP09]. **Journaling** [CYW⁺¹⁷, HA17, LBN14]. **Journey** [LXZ⁺²³].

Kangaroo [MBTM⁺²²]. **Kernel** [GZXZ23, JYZ⁺¹⁵]. **Key** [DKJS21, IBC⁺²¹, JSC20, KAG⁺²², KLC⁺²³, LHZ⁺²³, LWY⁺²⁵, PSX⁺²¹, QZL⁺²³, SCJS18, SSC⁺²⁴, SXJ⁺²⁴, WCCZ21, YYR21, YLRL22, YWH⁺¹⁷, ZD21, ZYWX22, HF05]. **Key-Value** [PSX⁺²¹, IBC⁺²¹, JSC20, KAG⁺²², LHZ⁺²³, SCJS18, SXJ⁺²⁴, YYR21]. **Keys** [LPG⁺¹⁷]. **Kinesis** [MMR⁺⁰⁹]. **Kreon** [PSX⁺²¹]. **KV** [CZD⁺¹⁷, HAL⁺²³, LCLX19, LCR⁺²¹, SSC⁺²⁴]. **KV-Store**

[CZD⁺17]. **KVRangeDB** [QZL⁺23].

Labels [KDS20]. **Large**

[DFB⁺20, DKJS21, GSS⁺18, Hal16, IJK⁺17, MMES21, MEK⁺14, PNW⁺24, WBZ⁺19, WZH⁺25, YYR21, ZWM⁺20, AWC09, CK05, HDW⁺08, HHK⁺21, LBOX12, SZ05, VMF⁺06]. **Large-Scale**

[Hal16, MMES21, MEK⁺14, WZH⁺25, DFB⁺20, DKJS21, PNW⁺24, WBZ⁺19, YYR21, CK05, HDW⁺08]. **Latencies** [YLH⁺17]. **Latency**

[HC17, LGKK22, PKI⁺18, WCY⁺24, ZZL⁺24, EA08, ZSW⁺06]. **Latency-** [HC17].

Latent [Ili23, SDG10]. **Launch** [JPB17].

Layer [KCC13, WCXY15, CHLK11, CLP09,

JGW⁺23, SPP11, WCR⁺06]. **Layering**

[HLZ⁺17]. **Layout** [JDXD13]. **Lazy**

[HWF⁺16, MSM⁺17]. **LC** [HC17]. **LDJ**

[KLE20]. **LDM** [WMCJ16]. **LDPC**

[QFS⁺17]. **Leading** [YXZ⁺23]. **leaf**

[BSW⁺25]. **Leakage** [LLT⁺20]. **Learned**

[LHZ⁺23, WCW⁺22, WCCZ21]. **Learning**

[AAB⁺23, ZWF22]. **Lerna** [SPR19]. **Letter**

[Noh18]. **Level** [KHW⁺16, KMM⁺12,

KCC13, PKI⁺18, ZHW19, LZY⁺24].

Leveling [LV17, WXS16, XK24].

Leveraging [DMS⁺16, HZN⁺19, LCR⁺21, YCLY25, ZLL19]. **LibPM** [MCR18].

Lifecycle [MLZG19]. **Lifetime** [MR16].

Lightweight [EEFM22, FLY21, LXkLW25, SSWC14, XPZ⁺23, YWH⁺17]. **Like**

[HCCK18, SSOT17]. **Line** [LXNL15].

Linear [ZYS⁺22]. **Linux**

[GZXZ23, LADADL14, RBM13, WTD25].

Linux-based [WTD25]. **Liquid** [LPR⁺19].

Load

[IJK⁺17, PNW⁺24, YHJ13, QJM⁺09, WB05].

Load-balancing [PNW⁺24]. **loading**

[NDR08]. **local** [NQX06]. **Localities**

[LSKK16, DJC07]. **Locality**

[KYL⁺20, PWLW21, ZYS⁺22, BSW⁺25].

Locality-aware [PWLW21]. **Localized**

[HZL23]. **Locally** [KSCM23, KYL⁺20].

Location [SSWC14]. **Log**

[BN16, KLC⁺23, LWC⁺25, WZC⁺24, WMCJ16, ZD21, ZZL⁺19b, WKC06].

log-based [WKC06]. **Log-Structured** [KLC⁺23, LWC⁺25, ZD21, ZZL⁺19b].

Logging [HGZ⁺22, MT09]. **LoneStar**

[GNB16]. **Long**

[ASM12, YYC⁺18, SKM⁺18, SGMV09].

Long-Term [ASM12, JAM⁺16, YYC⁺18, SKM⁺18, SGMV09]. **Loops** [SPR19]. **Loves** [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, LWY⁺25, SSC⁺24, 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, GDB⁺25]. **LVMT** [LBY⁺24].

M [LKE18]. **M-CLOCK** [LKE18].

Machine [AAB⁺23, ZCL⁺21]. **Made**

[LZC⁺18]. **Magnetic** [KK25, LFP⁺25].

Main [DLW⁺24, LLZA05]. **mainstream**

[MTH⁺08]. **Maintaining** [ZYS⁺22].

Making [SZS⁺12]. **Managed**

[SHDA17, JGW⁺23]. **Management**

[CKL⁺24, EEFM22, LGL22, LKB⁺17, LXC⁺22, PKI⁺18, SLZ⁺23, WLX⁺22, WLD21, YLRL22, YHJ13, ZCL⁺21, CK05, CHHH12, DJC07, GR09, HBL⁺06, LLZA05, MRZ⁺09, NDR08, TCL12, WB05, WHE12].

Managing [GR21, HF05]. **Manycores**

[KHW⁺16]. **MAP** [WCXY15]. **Mapped**

[PSX⁺21, SSHY16]. **Mapping** [ZRRW20].

Massive

[GNB16, PWS17, YCY⁺20, ZCJ⁺20].

Maximizing [CBH⁺17]. **mean** [SG07].

Measurements [EHW23]. **Mechanism**

[CWY⁺15, WLW⁺24]. **Mechanisms**

[FQS⁺14]. **Media**

[LB14, RBB⁺24, GSL⁺05, RDCS07, VJG08].

Membrane [SSR⁺10]. **Memories**

- [ZHS23]. **Memory**
 [BAM⁺21, BOL⁺25, CNJ⁺20, CHL16, CZD⁺17, CSOL18, CCC⁺18, DLW⁺24, FCZ⁺23, GYX⁺22, HSL⁺18, HCCK18, HWC12, JCB⁺24, JCG⁺16, KAG⁺22, KSDC14, KLL⁺24, KCC13, LBN14, LKE18, LRZ⁺22, LHZ⁺23, LWC⁺22, LXkLW25, LWC⁺25, LSS16, LZS⁺24, MCR18, MTH⁺08, PWLW21, PSX⁺21, SCW⁺20, SSHY16, SWY18, WLL⁺22, WCC15, WQR13, WH15, XK24, YCM⁺20, YWL⁺25, ZD21, ZCL⁺21, ZHXL23, ZCW⁺21, BSW⁺25, CK05, CLP09, GZXZ23, HKC06, JWK⁺10, LLZA05, SZS⁺12, WKC06, YYR21]. **Memory-Based** [CHL16]. **Memory-Disaggregated** [LZS⁺24]. **memory-efficient** [BSW⁺25]. **Memory-Mapped** [PSX⁺21, SSHY16]. **MEMS** [BLN09, HWB⁺06, HBL⁺06, KH10, RDCS07]. **MEMS-based** [BLN09, HWB⁺06, HBL⁺06, KH10, RDCS07]. **Merge** [KLC⁺23, ZD21, SPP11]. **Message** [Ano20, Ano23]. **Metadata** [CST⁺24, CYW⁺17, LGL22, WCC15, ZRRW20, ABDL07]. **Method** [QFS⁺17, WWJ⁺23, ZWF22]. **MFTL** [HWC12]. **Microarchitecture** [JCG⁺16]. **Microarchitecture-Aware** [JCG⁺16]. **Migration** [KKD⁺22, LKE18, LV17, MHS20, ZWG⁺23, SZ05]. **Migration-optimized** [LKE18]. **Milestones** [LXZ⁺23]. **Minimum** [PBV11]. **Mining** [LCZ05]. **Mirroring** [WMCJ16]. **misbehaviors** [YSEY10]. **Miss** [HWZ⁺18]. **Missteps** [LXZ⁺23]. **Mitigating** [LSZ19]. **Mitigation** [WWJ⁺23]. **Mixed** [PB14, TGL⁺18, VJG08]. **mixed-media** [VJG08]. **MLC** [HCCK18, HWC12]. **Mobile** [JPC⁺20, KH10]. **Modeling** [HWZ⁺18, KCLK21, NQX06, SHDA17, HBL⁺06]. **Models** [Des14, YLADAD23]. **Modern** [JMHS20, GW10]. **Modes** [PB14]. **Monitoring** [MTD⁺15, WBZ⁺19, YXZ⁺23]. **MOSFETs** [ST06]. **Movement** [JAM⁺16, LSC⁺24]. **MSST** [DH16, MT17]. **MTTDL** [IV15, ES14]. **MTTF** [SG07]. **Multi** [CLBB21, KPY17]. **Multi-Channel** [KPY17]. **Multi-objective** [CLBB21]. **Multicollective** [MKLC06]. **Multicore** [WCW⁺22]. **MultiLanes** [KHW⁺16]. **Multiresolution** [GGE⁺05]. **Multistream** [HA13, GB07]. **Mutations** [ZJP⁺18]. **Namespace** [CST⁺24, MZLK24, 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]. **nodes** [BSW⁺25]. **Non** [BAM⁺21, DLW⁺24, YCM⁺20]. **Non-Volatile** [DLW⁺24, 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, KWK⁺25, LKB⁺17, LSC⁺24, WWW⁺18, XS18]. **NVM-based** [LSC⁺24]. **NVMe** [GLSB18, KSL⁺23, LCR⁺21, LPS⁺23, LLYS23, LGKK22, WTD25]. **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, YLL⁺²⁴, 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, XZW⁺²⁵]. **Offs** [LCMZ15]. **On-Chip** [LSC⁺²⁴]. **On-demand** [YCLY25]. **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]. **Optane** [KWK⁺²⁵]. **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, YCLY25]. **Optimized** [CDW⁺²², EKB⁺¹⁶, HAL⁺²³, LWY⁺²⁵, WLL⁺¹⁹, YYY⁺²⁵, YFHW20, KAG⁺²², LKE18, SHWH12]. **Optimizing** [CYW⁺¹⁷, KH10, RBB⁺²⁴, STZ10, SYK⁺¹¹, TSWT22, DRK08]. **Oracle** [KFPS20]. **ORAM** [LXkLW25]. **OrcFS** [YOL⁺¹⁸]. **Orchestrated** [YOL⁺¹⁸]. **Order** [WOJ⁺¹⁸]. **Ordered** [WCCZ21]. **Organization** [TB09]. **Oriented** [CLZ⁺²¹, CHHH12, LHZ⁺²³, LZW25]. **OS-Level** [KHW⁺¹⁶]. **OSDI** [BL22, GN24, 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, ZYLL24, 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]. **Part** [KWZZ25a, KWZZ25b]. **Partial** [ZLL⁺²⁰]. **Partitioning** [WZC⁺²⁴]. **Past** [KK25, KWZZ25a, KWZZ25b, SCC⁺²⁵, ZBP⁺²⁵]. **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, CKL⁺²⁴, Des14, DLW⁺²⁴, 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, MZLK24, PDZ⁺²³, PAL⁺¹⁷, QFS⁺¹⁷, SHDA17, SYK⁺¹¹, TSWT22, TGL⁺¹⁸, VAM⁺¹⁹, WZH⁺²⁵, WMCJ16, XXL⁺¹¹, XCK⁺¹⁴, XZW⁺²⁵, YGJS21, YFHW20, ZXJ11, ZRRW20, ZDZ⁺²¹, ZHSH23, CHHH12, JB05, KR10, LCZ05, LHZ⁺²³, MJW⁺¹², STZ10, WKRP06, ZSW⁺⁰⁶, ZLA⁺²⁴, 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, ZHDL23, ZHSH23, ZCW⁺21, ZHW19].
Persistent-memory-related [GZXZ23].
persistent-RAM [WKRP06]. **Persisting** [WWW⁺18]. **Perspective** [BOL⁺25, CPW⁺15, HCO⁺17, SLXH23, WWW⁺18].
Phase [KSDC14, XK24]. **Pipelining** [LYL⁺21]. **Placement** [CLBB21, IJK⁺17, MEK⁺14, SSC⁺24, MMR⁺09]. **Plan** [NSKY21]. **Platform** [PYY19]. **PM** [HAL⁺23]. **PM-Based** [HAL⁺23]. **Policy** [EFM17, WZH⁺20, CHLK11, WSZ⁺10].
Polling [WCY⁺24]. **Portable** [WTD25, AEMWC⁺12]. **Portably** [THWD08]. **Possession** [EKB⁺16, ZB16].
possible [GS06]. **Post** [KWK⁺25, XPZ⁺23].
Post-Deduplication [XPZ⁺23].
Post-Optane [KWK⁺25]. **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** [YLL⁺24, ZWF22].
Predictive [EA08, WM16]. **predictors** [BSW⁺25]. **Prefetching** [JDXD13, LXC⁺22, GB07, MQRY11].
presence [DEH⁺08]. **Present** [KWZZ25a, KWZZ25b, SCC⁺25, ZBP⁺25].
Preservation [YYC⁺18]. **PRESIDIO** [YPLG11]. **Preventing** [HSW09, YSEY10].
Primary [PP16, RBB⁺24]. **Principled** [YLADAD23]. **Priorities** [DKJS21].
Priority [CKL⁺24]. **Priority-Aware** [CKL⁺24]. **Private** [DFP⁺15]. **Proactively** [MTD⁺15]. **Process** [SWY18].
Process-in-Memory [SWY18].
Processing [FCZ⁺23, HSL⁺18, PYY19, SXF21, WZH⁺25, YCLY25, ZZL⁺19a, HDW⁺08].
Processing-in-Memory [HSL⁺18].
Production [GSS⁺18, XOZ⁺20].
Programming [GR21, HCCK18, LPS⁺23].
Programs [FCZ⁺23]. **Project** [AAA⁺25].
Promises [SWO⁺25]. **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]. **Radix** [LZS⁺24]. **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, YWL⁺25, ZCW⁺21, ZZS⁺22].
RDMA-Attached [YWL⁺25].
RDMA-Based [WCCZ21].
RDMA-conscious [ZZS⁺22].
RDMA-Enabled [ZCW⁺21, SCW⁺20].
RDMA-oriented [LHZ⁺23]. **Reactions** [GAADAD17]. **Read** [CKL⁺24, KPY17, MJW⁺14, QFS⁺17, TGL⁺18].
Read-Performance [MJW⁺14].
Read-Write [KPY17]. **Read/Write** [TGL⁺18]. **ReadGuard** [CKL⁺24]. **Real** [KH20, YYY⁺25, WCR⁺06]. **Real-time** [KH20, WCR⁺06]. **Real-world** [YYY⁺25].
realistic [AADAD09]. **Realizing** [KLC⁺23].
reallocation [ABLM07]. **Rebuttal** [IV15].
Reclamation [KSGP17]. **Recon** [FSM⁺12].
Reconfigurable [NCP⁺22, SXF21].
Recording [KK25]. **Records** [WLL⁺19].
Recover [RPA⁺21]. **Recoverable** [KSCM23, YCM⁺20, SGMV09]. **Recovery** [AGL⁺18, CNS⁺18, HGZ⁺22, HHK⁺21, XXL⁺11, YFWH20, ZLL19, HF05, WKC06].
Redis [PWLW21]. **Reduce** [JAM⁺16].
Reducing [HBP11, LKB⁺17, WZH⁺20].
Reduction [LLH⁺18, ZYLL24, EA08].
Redundancies [HZQX13]. **Redundancy** [FLY21, GAADAD17, IHHE11, ZYLL24, DEH⁺08]. **redundant** [TB09]. **Reed** [Tri15]. **Reflecting** [KK25]. **Regenerating** [HBP11, LFH⁺17]. **regeneration** [YV05].
REGISTOR [PYY19]. **Registries** [ZLA⁺24]. **regulatory** [PB05]. **Rekeying** [QLL17]. **Rekeying-Aware** [QLL17].
related [GZXZ23]. **Reliability** [ES14, Hal16, HM05, IV15, Ili23, JMHS20, LWC⁺22, MMES21, WMJC16, BKPM10, DEH⁺08, MJW⁺12, TB09]. **Reliable** [CWY⁺15, HCL13]. **remapping** [CLP09].
Remote [WCCZ21, ZB16]. **removable** [CHLK11]. **Removing** [ZYLL24].
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, SSC⁺24, 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, LZW25].
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, YCLY25]. **Scalable** [ASS05, DFB⁺20, HHFD17, KLK⁺22, MEK⁺14, WLX⁺22, WZH⁺25, XK24, YHJ13]. **Scale** [GSS⁺18, Hal16, JCB⁺24, MMES21, MEK⁺14, SSVG13, VTHB18, WXH⁺16, WZH⁺25, ZCJ⁺20, CK05, DFB⁺20, DKJS21, HDW⁺08, PNW⁺24, WBZ⁺19, YYR21, WXH⁺16]. **Scaling** [ZLZ13, ZSXZ07]. **Scan** [WLL⁺19].
Scan-Optimized [WLL⁺19].
Schedulability [YLADAD23]. **scheduler** [YSEY10]. **Scheduling** [ZFX⁺18, BLN09, VJG08]. **Scheme**

[HCK18, HHK⁺21, HC17, JSC20, JDXD13, KLK17, PDZ⁺23, WTZ⁺23, ZLA⁺24, 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, GN24, GN23, GR19, KKR20, LH21, MY25, 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]. **Selective** [DLW⁺24]. **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, KK25]. **Shipping** [SSC⁺24]. **Shuffle** [DFP⁺15]. **Side** [BOL⁺25, HA17]. **sided** [ZZS⁺22]. **Silica** [AAA⁺25]. **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, LWY⁺25, VAM⁺19]. **Space-Adaptive** [LWY⁺25]. **spatial** [DJC07]. **Special** [AR18, AY21, AW23, ADV19, ADZ20, BP17, BL22, CK22, DP22, DH16, DdL18, GZ21, GN24, GN23, GR19, KKR20, KW17, LH21, MY25, 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, CKL⁺24, Des14, JMHS20, JMS22, KPY17, LPG⁺17, MR16,

PYY19, QFS⁺¹⁷, WXS16, WLC⁺²², WMCIJ16, YGJS21, YWL⁺²⁵]. **SSD-Based** [WMCIJ16, YGJS21]. **SSD-Conscious** [LPG⁺¹⁷]. **SSDPlayer** [YS17]. **SSDs** [CPW⁺¹⁵, HHK⁺²¹, IBC⁺²¹, KCLK21, LSKK16, LCR⁺²¹, LSZ19, MMES21, RBB⁺²⁴, SPP11, WCJ⁺²⁴, WHE12, WCY⁺²⁴, XXD19, YLH⁺¹⁷, YLL⁺²⁴, ZBP⁺²⁵]. **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** [LZW25, WBZ⁺¹⁹]. **Storage** [AWK⁺²⁰, AAB⁺²³, AGL⁺¹⁸, AT13, AAA⁺²⁵, BWV16, BN16, BCQ⁺¹³, BOL⁺²⁵, CDW⁺²², CHA⁺¹¹, CWY⁺¹⁵, CCC⁺¹⁸, CCB⁺²⁵, 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, KWK⁺²⁵, KAG⁺²², KCMDM20, KSDC14, KKR20, KSL⁺²³, KMM⁺¹², KDS20, KWZZ25a, KWZZ25b, KFPS20, KLP⁺²⁰, KLK⁺²², LFP⁺²⁵, LB14, LKB⁺¹⁷, LXNL15, LJFS17, LCLX19, LYL⁺²¹, LWLS23, LZL⁺²³, LSC⁺²⁴, LBY⁺²⁴, LZW25, LWY⁺²⁵, LFJ⁺¹⁷, LPG⁺¹⁷, LPR⁺¹⁹, MMES21, MJW⁺¹⁴, MHL⁺¹⁵, MEK⁺¹⁴, NSKY21, NCP⁺²², PSX⁺²¹, PWS17, PP16, PYY19, QLL17, RBB⁺²⁴, SWO⁺²⁵, SCC⁺²⁵, SBMW17, SCW⁺²⁰, SSHY16, SSOT17, SSWC14, SWY18, SFW⁺²⁰, TSWT22, TXZ⁺²⁴, VTHB18, VDV17, WBZ⁺¹⁹, WCW⁺²², WLC⁺²², WLW⁺²⁴, WZH⁺²⁵, WZC⁺²⁴, WLL⁺¹⁹, WTD25, WM16, WOJ⁺¹⁸]. **Storage** [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, ZBP⁺²⁵, ZYLL24, ZLA⁺²⁴, 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, RDCTS07, SPADAD05, SGMV09, TZJW08, VMF⁺⁰⁶, WCR⁺⁰⁶, YC07]. **Storage-as-a-Service** [CLBB21]. **Store** [CZD⁺¹⁷, DKJS21, HJW15, KH20, LCR⁺²¹, LHZ⁺²³, LWY⁺²⁵, PSX⁺²¹, WCCZ21, XZW⁺²⁵, ZD21, ZYWX22, ZZL⁺²⁴]. **Stores** [HAL⁺²³, KAG⁺²², KLC⁺²³, SSC⁺²⁴, 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, RDCTS07]. **strictly** [Tos09]. **Strip** [LSZ09]. **Strip-based** [LSZ09]. **Stripe** [WXH⁺¹⁶]. **striped** [ZSXZ07]. **Strong** [GAADAD21, KLC⁺²³, YC07]. **Structure** [SWY18, YYY⁺²⁵, ZHW19]. **Structured** [KLC⁺²³, LWC⁺²⁵, WXS16, ZD21, ZZL^{+19b}, BFHR09]. **Structures** [ZYS⁺²², LZYK⁺⁰⁶]. **Study** [GCD⁺²², HGZ⁺²², KSDC14, LCZ⁺¹⁹, LSC⁺²⁴, 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** [RBB⁺²⁴, ASS05, SSR⁺¹⁰]. **Supporting** [TLM⁺²³]. **Survey** [BOL⁺²⁵, KK25, MH22, SCC⁺²⁵]. **Sustainable** [AAA⁺²⁵]. **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, LXkLW25, LADADL14, MDAD⁺14, MH22, MHL⁺15, MMP⁺19, QLL17, SWO⁺25, SFW⁺20, WZH⁺25, WCC15, WM16, WQR13, YYC⁺18, YCM⁺20, YOL⁺18, YZJ⁺17, ZZW⁺17, ZJP⁺18, ZCJ⁺21, ZZL⁺19a, ZRRW20, ZLL⁺20, ZHSH23, ZFX⁺18, ZCW⁺21, AEMWC⁺12, ABDL07, AADAD09, BBK⁺09, CCB07, FSM⁺12, HZN⁺19, JBLF10, JWK⁺10, NQX06, PB05, STZ10, SPADAD05, SGMV09, SSR⁺10, TZJW08, WKRP06, WSSZ07, ZIJ⁺06, GR09, SCW⁺20]. **Systematic** [LFJ⁺17]. **Systematically** [MMP⁺19]. **Systems** [AWK⁺20, AAB⁺23, BN16, BOL⁺25, CWY⁺15, CYW⁺17, CCC⁺18, GR21, GNB16, GSS⁺18, Hal16, HGZ⁺22, HWC12, HBP11, HCL13, IHHE11, IJK⁺17, Ili23, JMHS20, KSDC14, KXK⁺20, KSL⁺23, KKD⁺22, KLP⁺20, LHZ⁺23, LZL⁺23, LSC⁺24, LSZ19, MMES21, MJW⁺14, MEK⁺14, PWS17, PNW⁺24, PB14, SCC⁺25, SSWC14, SLXH23, TXZ⁺24, VAM⁺19, VTHB18, WBZ⁺19, WLW⁺24, YP19, YLADAD23, YHJ13, ZJQ⁺15, ZDZ⁺21, ZWG⁺23, ZLA⁺24, AAAADAD12, BJD06, CK05, DEH⁺08, HDW⁺08, HWB⁺06, HBL⁺06, HKC06, HM05, KR06, KKZ05, KH10, LSZ09, MMR⁺09, MQRY11, MTH⁺08, MRZ⁺09, RDCS07, SSR⁺10, TPM⁺11, WKC06]. **SYSTOR** [YP19, DdL18]. **Tail** [LGKK22, YLH⁺17]. **Tails** [IBC⁺21]. **Tape** [LFP⁺25]. **Tarazu** [PNW⁺24]. **Targets** [PKI⁺18]. **TDDFS** [CWG⁺19]. **Technical** [GR19]. **Technique** [XK24, MKLC06]. **Techniques** [WM16, ZT20]. **Technologies** [KWZZ25a, KWZZ25b]. **Technology** [LFP⁺25, PWS17]. **Temperature** [SSVG13]. **Templates** [ZWM⁺20]. **Temporal** [LSKK16, MHL⁺15, DJC07]. **Term** [ASM12, JAM⁺16, YYC⁺18, SKM⁺18, SGMV09]. **Testing** [MMP⁺19]. **TH** [SCW⁺20]. **TH-DPMS** [SCW⁺20]. **Thanking** [Noh21]. **Their** [YGJS21]. **them** [SDG10]. **Theory** [HLZ⁺17, MBTM⁺22, YPU⁺23]. **Thermal** [GS06]. **Thread** [YLADAD23]. **Three** [JGW⁺23]. **Three-layer** [JGW⁺23]. **Threshold** [LWC⁺22]. **throughput** [ZSW⁺06]. **Tier** [CWG⁺19]. **Tier-Aware** [CWG⁺19]. **Tiered** [GR21, IJK⁺17, ZHSH23]. **Tiering** [KSDC14, XXD19]. **Time** [AT13, EHW23, WZH⁺20, KH20, PB05, VFNN10, WCR⁺06]. **time-shifting** [PB05]. **Tiny** [MBTM⁺22, YLH⁺17]. **Tiny-Tail** [YLH⁺17]. **TinyLFU** [EFM17]. **TLC** [GYX⁺22]. **Tolerance** [GAADAD17, KYL⁺20, LSZ09]. **tolerant** [ASS05, EM05]. **Tolerating** [LL14]. **Tools** [Hal16]. **TOS** [Noh19, Noh21]. **TPFS** [ZHSH23]. **Tracing** [VTHB18]. **Trade** [HCL13, LCMZ15]. **Trade-Offs** [LCMZ15]. **Tradeoffs** [CPW⁺15]. **Traffic** [HBP11, WZH⁺20]. **Transactional** [FQS⁺14]. **Transactions** [HZN⁺19, LZC⁺18, LSS16, SBMW17, ZHDL23]. **transfers** [AWC09]. **Transitions** [KK25]. **Translation** [KCC13, LRZ⁺22, WCXY15, XCR18, ZWH⁺17, CLP09, SPP11]. **Transparent** [FCZ⁺23, KMM⁺12, CCB07]. **Trap** [LWC⁺22]. **Traversal** [HSL⁺18]. **Treating** [SSOT17]. **Tree** [BSW⁺25, CNJ⁺20, HAL⁺23, KLL⁺24, LWY⁺25, LZS⁺24, RBM13, YWH⁺17, ZD21, IBC⁺21, KSKN18, LCR⁺21, SXJ⁺24, TGL⁺18, BSW⁺25, CNJ⁺20, WWW⁺18, KSKN18]. **Trees** [ZB16, Rod08]. **Trends** [GDB⁺25]. **Triage** [KKZ05]. **TriCache** [FCZ⁺23]. **TrueErase** [DMS⁺16]. **trust** [TCL12].

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v [JMS22]. **Valid** [LDZZ23]. **Validation** [ZHDL23]. **Value** [KLC⁺23, LWY⁺25, PSX⁺21, QZL⁺23, SSC⁺24, WCCZ21, YWH⁺17, ZD21, DKJS21, IBC⁺21, JSC20, KAG⁺22, LHZ⁺23, SCJS18, SXJ⁺24, YYR21, ZYWX22]. **Values** [LPG⁺17]. **variable** [ASS05]. **VDO** [RBB⁺24]. **Vectorized** [CBH⁺17]. **Verifying** [FSM⁺12]. **Versatile** [LCMZ15]. **Versatility** [WDG⁺06]. **Version** [KLE20]. **versioning** [MRH09]. **Versus** [IHHE11]. **Vertical** [WZC⁺24]. **via** [LBN14, LCLX19, LLT⁺20, LDZZ23, LLH⁺18, WXH⁺16, WZH⁺20, WLX⁺22, YWH⁺17, ZSW⁺06, ZB16, ZDZ⁺21]. **Viewer** [BN16]. **Virtual** [ZCL⁺21, AEMWC⁺12, KR06]. **Virtualization** [KHW⁺16, KLK⁺22, ZSW⁺06]. **Virtualized** [KHW⁺16, JBLF10]. **Visibility** [SLZ⁺23]. **Visualizing** [RHC15, YS17]. **vNFS** [CBH⁺17]. **Volatile** [DLW⁺24, YCM⁺20, BAM⁺21]. **Voltage** [LWC⁺22]. **Volume** [HHS⁺20, ZLLH23]. **volumes** [ZSXZ07]. **vs** [YSEY10]. **Vulnerability** [SLXH23]. **Vulnerability-centric** [SLXH23].

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[HZQX13, WLC⁺22, YZJ⁺17, ZLL⁺20].

Wrought [YZJ⁺17].

X [LS12]. **X-code** [LS12]. **XStore** [WCCZ21].

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Z [WCXY15]. **Z-MAP** [WCXY15]. **Zipf** [YZ16].

ZN-Swap [BCBS23]. **Zone** [WCXY15, XXD19]. **Zone-Based** [WCXY15, XXD19]. **Zoned** [KZZ07, LWY⁺25, MZLK24]. **Zoned-RAID** [KZZ07]. **ZoneFS** [ZYWX22]. **ZonesDB** [LWY⁺25]. **ZoneTier** [XXD19].

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