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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** [GN24, GN23, WL24].

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

Abstractions [GR21]. **Abundant** [ZCJ+21]. **Academic** [CWY+15]. **Accelerate** [SXJ+24]. **Accelerates** [ZHZL23]. **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** [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]. **Authenticated** [LBY+24]. **Authentication** [MNT06]. **Automatic** [BYY+22, YV05]. **Auxiliary** [DMS+16]. **availability** [SPADAD05, TCJ+11]. **Available** [CZD+17]. **Aware** [AGL+18, CWG+19, CKL+24, DLW+24, 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]. **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, 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, 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, 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, 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, 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** [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, LSC+24, ZT20, JHZK08]. **Compressed** [May22, YLL+24]. **Compression** [JSC20, KMM+12, RBB+24, TXZ+24, 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, 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, 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, LSC+24, LDZZ23, MEK+14, PYY19, 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** [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]. **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, 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, 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, MZLK24, 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** [CKL+24, 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, LZS+24, 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]. **DMA** [LSC+24]. **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, 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, 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, DFB+20, EM05, LS12, MQRY11, WKC06, ZSXZ07]. **EIC** [Ano20]. **Elastic** [MZLK24, 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, 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]. **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]. **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, 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]. **five** [ABDL07]. **five-year** [ABDL07]. **Flash** [BYY+22, CHL16, GYX+22, HCCK18, HWC12, HWF+16, JSC20, JCG+16, KLP+20, KCC13, LSKK16, LKB+17, LSDW17, LPS+23, 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** [CK05]. **Flash/Network** [TIM+18]. **FlashNet** [TIM+18]. **Flat** [CST+24]. **FlatLSM** [HAL+23]. **FlexDPDP** [EKB+16]. **Flexible** [HCL13, KLK+22, YFHW20, ZHW19]. **Flexible-resizing** [ZHW19]. **Flexlist** [EKB+16]. **Flexlist-Based** [EKB+16]. **Floating** [XWL+18]. **FluidSMR** [WLD21]. **forgery** [HSW09]. **Form** [ES14, IV15]. **Fragmentation** [KCMDM20]. **Framework** [CNS+18, GCD+22, KXK+20, 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]. **FSDedup** [DLW+24]. **fsync** [RPA+21]. **FTL** [CNS+18, KPY17]. **FTP** [AWC09]. **Full** [ZJP+18]. **Full-Path-Indexed** [ZJP+18]. **Functional** [LFH+17]. **Functionality** [LBN14]. **FUSE** [VAM+19]. **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]. **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, 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]. **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]. **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, 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, 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]. **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, SSC+24, 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, 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, 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]. **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, 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, 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, YYR21, ZWM+20, AWC09, CK05, HDW+08, HHK+21, LBOX12, SZ05, VMF+06]. **Large-Scale** [Hal16, MMES21, MEK+14, 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]. **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, ZLL19]. **LibPM** [MCR18]. **Lifecycle** [MLZG19]. **Lifetime** [MR16]. **Lightweight** [EEFM22, FLY21, SSWC14, XPZ+23, YWH+17]. **Like** [HCCK18, SSOT17]. **Line** [LXNL15].

Linear [ZYS+22]. **Linux** [GZXZ23, LADADL14, RBM13]. **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]. **Locality-aware** [PWLW21]. **Localized** [ZHZL23]. **Locally** [KSCM23, KYL+20]. **Location** [SSWC14]. **Log** [BN16, KLC+23, WZC+24, WMCJ16, ZD21, ZZL+19b, WKC06]. **log-based** [WKC06]. **Log-Structured** [KLC+23, 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, 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]. **LVMT** [LBY+24].

M [LKE18]. **M-CLOCK** [LKE18]. **Machine** [AAB+23, ZCL+21]. **Made** [LZC+18]. **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** [ZHSH23]. **Memory** [BAM+21, 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, LSS16, LZS+24, MCR18, MTH+08, PWLW21, PSX+21, SCW+20, SSHY16, SWY18, WLL+22, WCC15, WQR13, WH15, XK24, YCM+20, ZD21, ZCL+21, ZHZL23, ZCW+21, CK05, CLP09, GZXZ23, HKC06, JWK+10, LLZA05, SZS+12, WKC06, YYR21]. **Memory-Based** [CHL16]. **Memory-Disaggregated** [LZS+24]. **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]. **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, LKB+17, LSC+24, WWW+18, XS18]. **NVM-based** [LSC+24]. **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, 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]. **Offs** [LCMZ15]. **On-Chip** [LSC+24]. **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, RBB+24, 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, 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]. **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, 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, WMCJ16, XXL+11, XCK+14, 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, 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, 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** [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** [YLL+24, ZWF22]. **Predictive** [EA08, WM16]. **Prefetching** [JDXD13, LXC+22, GB07, MQRY11]. **presence** [DEH+08]. **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, 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]. **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, ZCW+21, ZZS+22]. **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, 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, ZYLL24, EA08]. **Redundancies** [HZQX13]. **Redundancy** [FLY21, GAADAD17, IHHE11, ZYLL24, DEH+08]. **redundant** [TB09]. **Reed** [Tri15]. **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, WMCJ16, 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]. **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].

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