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## Title word cross-reference

+ [GSL <sup>+</sup> 05]. 3 [GYX <sup>+</sup> 22, LWC <sup>+</sup> 22, PDZ <sup>+</sup> 23, XWL <sup>+</sup> 18, ZWM <sup>+</sup> 20]. = [GSL <sup>+</sup> 05]. ³ [CNJ <sup>+</sup> 20]. GF(2 <sup>n</sup> ) [LBOX12].	[ADZ20, MT20, MW20]. <b>2020</b> [GZ21, LH21, NW21]. <b>2021</b> [AY21, BL22, CK22, Noh22]. <b>2022</b> [DP22, SZ23]. <b>2023</b> [GN23]. <b>6</b> [ES14, LS12, PBV11, XXL <sup>+</sup> 11].
<b>-D</b> [ZWM <sup>+</sup> 20]. <b>-Tree</b> [CNJ <sup>+</sup> 20].	<b>Abstractions</b> [GR21]. <b>Abundant</b> [ZCJ <sup>+</sup> 21]. <b>Academic</b> [CWY <sup>+</sup> 15].
<b>0</b> [WXS16, ZZL13].	<b>Accelerate</b> [SXJ <sup>+</sup> 24]. <b>Accelerates</b> [ZHDL23]. <b>Accelerating</b> [LGL22, WCC15].
<b>1394</b> [HKP09].	<b>Acceleration</b> [ZT20]. <b>Access</b> [CHA <sup>+</sup> 11, CSOL18, DFP <sup>+</sup> 15, EHW23, HCL13, JDXD13, LRE22, WZH <sup>+</sup> 20, WCC15, MKLC06]. <b>Accesses</b> [WM16].
<b>2008</b> [Bak08]. <b>2009</b> [SW09]. <b>2012</b> [BF12]. <b>2014</b> [ST14]. <b>2015</b> [DH16, SZ15]. <b>2016</b> [BP17, MT17]. <b>2017</b> [DdL18, KW17, PWS17]. <b>2018</b> [AR18, YP19]. <b>2019</b>	<b>Accessibility</b> [YYC <sup>+</sup> 18]. <b>Accessing</b> [YCY <sup>+</sup> 20]. <b>accountability</b> [YC07]. <b>Accumulative</b> [ZD21]. <b>ACE</b> [MMP <sup>+</sup> 19].

**Achieve** [PKI<sup>+</sup>18, TGL<sup>+</sup>18]. **ACID** [HZN<sup>+</sup>19, SBMW17, WSSZ07]. **ACM** [Noh19, YP19]. **across** [GR09]. **Active** [ZWF22]. **Adaptive** [CDW<sup>+</sup>22, FLY21, HWF<sup>+</sup>16, LXC<sup>+</sup>22, LDZZ23, NCP<sup>+</sup>22, WLD21, KKZ05, SPP11, WHE12]. **adaptively** [WSZ<sup>+</sup>10]. **Address** [XCR18, ZWH<sup>+</sup>17]. **Addressable** [CST<sup>+</sup>24, CNJ<sup>+</sup>20, WCC15, CYW<sup>+</sup>17]. **administrator** [DRK08]. **Admission** [EFM17, YPU<sup>+</sup>23]. **Adventures** [YZJ<sup>+</sup>17]. **AET** [PWLW21]. **Against** [MTD<sup>+</sup>15, KLK17, SDG10]. **Aggressive** [AWC09]. **Agility** [XCK<sup>+</sup>14]. **AI** [DFB<sup>+</sup>20]. **Algorithm** [LKE18]. **Algorithms** [LYL<sup>+</sup>21, XXL<sup>+</sup>11, BLN09, SZ05]. **Alleviating** [ZWH<sup>+</sup>17]. **Allocation** [LRZ<sup>+</sup>22, PWLW21, KR06, SZS<sup>+</sup>12]. **Almost** [KLE20]. **among** [LCMZ15]. **Amplification** [LKB<sup>+</sup>17, THWD08]. **Analyses** [XWL<sup>+</sup>18]. **Analysis** [ASM12, GAADAD17, LSDW17, LLT<sup>+</sup>20, LWLS23, LZL<sup>+</sup>23, MHL<sup>+</sup>15, XOZ<sup>+</sup>20, YYM<sup>+</sup>18, YCY<sup>+</sup>20, YYR21, YLADAD23, ZZL<sup>+</sup>19a, SKM<sup>+</sup>18, BADAD<sup>+</sup>08]. **Analytic** [Des14]. **Analytics** [KH20, SVG<sup>+</sup>20]. **Annual** [GR19]. **anticipatory** [SZS<sup>+</sup>12]. **App** [JPC<sup>+</sup>20]. **appliances** [AEMWC<sup>+</sup>12]. **Application** [JPB17, MCR18, PAL<sup>+</sup>17, SCJS18, YCY<sup>+</sup>20]. **Applications** [DFB<sup>+</sup>20, DKJS21, RPA<sup>+</sup>21, SXF21, SFW<sup>+</sup>20, LBOX12, QJM<sup>+</sup>09]. **Approach** [LDZZ23, WXH<sup>+</sup>16, XXL<sup>+</sup>11, XMRF<sup>+</sup>13, ZZL13, KR06, MT09, MMR<sup>+</sup>09, THTT08, ZSXZ07]. **Approaches** [KSDC14]. **arbitrary** [LS12]. **Architecture** [HSL<sup>+</sup>18, LBN14, LKE18, WBZ<sup>+</sup>19, YLADAD23]. **Architectures** [WLL<sup>+</sup>22, HWB<sup>+</sup>06]. **Archival** [GNB16, YPLG11, SGMV09]. **Archive** [CWY<sup>+</sup>15]. **Archives** [May22, HM05]. **archiving** [TPM<sup>+</sup>11]. **Ares** [NCP<sup>+</sup>22]. **Array** [GNB16, LS12, MJW<sup>+</sup>12]. **Arrays** [AT13, LPS<sup>+</sup>23, MR16, WXH<sup>+</sup>16, WXS16, WMCJ16, ABLM07, TB09]. **assignment** [XS09]. **Associated** [Noh21]. **Associative** [KCC13]. **assumptions** [XS09]. **Asynchronous** [KDS20, NB13]. **ATC** [CK22, GZ21, MT20, SZ23]. **ATC'18** [GR19]. **Atomic** [NCP<sup>+</sup>22]. **Attack** [YLRL22]. **Attack-resilient** [YLRL22]. **Attacks** [LLT<sup>+</sup>20]. **Attention** [WBZ<sup>+</sup>19]. **Attention-augmented** [WBZ<sup>+</sup>19]. **augmentations** [TCJ<sup>+</sup>11]. **Augmented** [KLL<sup>+</sup>24, WBZ<sup>+</sup>19]. **Authentication** [MNT06]. **Automatic** [BYY<sup>+</sup>22, YV05]. **Auxiliary** [DMS<sup>+</sup>16]. **availability** [SPADAD05, TCJ<sup>+</sup>11]. **Available** [CZD<sup>+</sup>17]. **Aware** [AGL<sup>+</sup>18, CWG<sup>+</sup>19, EEFM22, HC17, JCG<sup>+</sup>16, KPY17, QLL17, SFW<sup>+</sup>20, ZZW<sup>+</sup>17, BLN09, BBK<sup>+</sup>09, GAADAD21, PWLW21, PDZ<sup>+</sup>23, STC23, WOQ<sup>+</sup>07]. **B** [CNJ<sup>+</sup>20, KSKN18, KLL<sup>+</sup>24, Rod08, RBM13]. **B-Tree** [CNJ<sup>+</sup>20, RBM13, KSKN18]. **B-trees** [Rod08]. **Backends** [AWK<sup>+</sup>20]. **Backup** [HBP11, LXNL15, ZDZ<sup>+</sup>21, SHWH12, TCL12, VSV09]. **Balancer** [JGW<sup>+</sup>23]. **Balancing** [IJK<sup>+</sup>17, QJM<sup>+</sup>09]. **Bandwidth** [HA13, LJFS17, LFH<sup>+</sup>17, LFJ<sup>+</sup>17, GSL<sup>+</sup>05, WTZ<sup>+</sup>23]. **Barrier** [WOJ<sup>+</sup>18]. **Barrier-Enabled** [WOJ<sup>+</sup>18]. **Based** [AGL<sup>+</sup>18, CWG<sup>+</sup>19, CHL16, CCC<sup>+</sup>18, EKB<sup>+</sup>16, HSL<sup>+</sup>18, HAL<sup>+</sup>23, HWF<sup>+</sup>16, HJW15, IJK<sup>+</sup>17, LSKK16, LSDW17, LXC<sup>+</sup>22, MJW<sup>+</sup>14, SWY18, Tri15, WCXY15, WCCZ21, WMCJ16, ZJQ<sup>+</sup>15, ZLL<sup>+</sup>20, ZDZ<sup>+</sup>21, ZWF22, BLN09, CLP09, DRK08, FLY21, GYX<sup>+</sup>22, HWB<sup>+</sup>06, HBL<sup>+</sup>06, IBC<sup>+</sup>21, JSC20, KH10, KLK<sup>+</sup>22, LSZ09, LCR<sup>+</sup>21, LZYK<sup>+</sup>06, MJW<sup>+</sup>12, MRH09, QZL<sup>+</sup>23, RDCS07, SLZ<sup>+</sup>23, SCJS18, SXJ<sup>+</sup>24, TCJ<sup>+</sup>11, VJG08, WCJ<sup>+</sup>24, WKC06, WHE12, XXX19, YGJS21, YYC<sup>+</sup>18, ZWG<sup>+</sup>23, ZLQ<sup>+</sup>22]. **basis** [ST06]. **Batch** [YCY<sup>+</sup>20]. **Batch-file** [YCY<sup>+</sup>20]. **battery** [KH10]. **battery-powered** [KH10].

**Behavior** [ASM12]. **Behaviors** [HCO<sup>+</sup>17]. **benchmarking** [AADAD09, TZJW08]. **BetrFS** [JYZ<sup>15</sup>]. **Better** [WKRP06, WWJ<sup>23</sup>, ZRRW20]. **between** [CCC<sup>18</sup>]. **Beyond** [ES14, IV15]. **Bidirectional** [SWY18]. **Big** [SVG<sup>20</sup>]. **Big-data** [SVG<sup>20</sup>]. **Billions** [MBTM<sup>22</sup>]. **Binary** [CNJ<sup>20</sup>]. **bit** [ASS05]. **bit-rate** [ASS05]. **Black** [KCLK21]. **Black-Box** [KCLK21]. **Block** [BCBS23, FCZ<sup>23</sup>, HHFD17, KMM<sup>12</sup>, LWLS23, LZY<sup>24</sup>, LV17, RHC15, SBMW17, ZLL<sup>20</sup>, ZLLH23, AWC09, LCZ05]. **Block-Level** [KMM<sup>12</sup>, LZY<sup>24</sup>]. **Blurred** [LSS16]. **Boosting** [EHW23, PDZ<sup>23</sup>]. **Both** [CSOL18, DJC07, JDXD13]. **Bottlenecks** [XOZ<sup>20</sup>]. **Bounded** [IBC<sup>21</sup>]. **bounds** [EA08]. **Box** [KCLK21]. **Bridging** [GSL<sup>05</sup>, KDS20, SYK<sup>11</sup>]. **Bringing** [WOJ<sup>18</sup>]. **BTRFS** [RBM13]. **BUD** [MQRY11]. **Buffer** [KPY17, LBN14, SLZ<sup>23</sup>, WLC<sup>22</sup>, DJC07, MQRY11, WHE12]. **Buffer-Controlled** [WLC<sup>22</sup>]. **Buffering** [CSOL18]. **buffers** [THTT08]. **Bug** [LZL<sup>23</sup>]. **Bugs** [KXK<sup>20</sup>]. **Building** [LCR<sup>21</sup>, RDGS07, YWH<sup>17</sup>, ZYWX22]. **Byte** [CST<sup>24</sup>, CNJ<sup>20</sup>, CYW<sup>17</sup>, WCC15]. **Byte-Addressable** [CST<sup>24</sup>, CNJ<sup>20</sup>, WCC15, CYW<sup>17</sup>]. **CA** [BBK<sup>09</sup>]. **CA-NFS** [BBK<sup>09</sup>]. **Cache** [EFM17, EEFM22, EHW23, FCZ<sup>23</sup>, HWZ<sup>18</sup>, HWF<sup>16</sup>, LBN14, LSDW17, LXC<sup>22</sup>, PDZ<sup>23</sup>, SS14, SLZ<sup>23</sup>, STC23, WZH<sup>20</sup>, WCCZ21, YYR21, DJC07, GB07, PDZ<sup>23</sup>]. **Cacheline** [KSKN18]. **Caches** [YPU<sup>23</sup>, MTH<sup>08</sup>, VMF<sup>06</sup>]. **CacheSack** [YPU<sup>23</sup>]. **Caching** [CDW<sup>22</sup>, CLZ<sup>21</sup>, HC17, JSC20, KSDC14, LB14, MBTM<sup>22</sup>, SCJS18, XXD19, CHLK11, CHHH12, WSZ<sup>10</sup>]. **caching-oriented** [CHHH12]. **Calibrated** [TSWT22]. **Can** [RPA<sup>21</sup>, WM16]. **Capacities** [HHS<sup>20</sup>]. **Case** [AWK<sup>20</sup>, VTHB18, SZS<sup>12</sup>]. **Cases** [KCLK21]. **Causality** [MRH09]. **Causality-based** [MRH09]. **CCFS** [PAL<sup>17</sup>]. **CDF** [QFS<sup>17</sup>]. **Center** [LCZ<sup>19</sup>, SXF21]. **Centers** [BYY<sup>22</sup>, HLZ<sup>17</sup>]. **centric** [BAM<sup>21</sup>, SLXH23]. **CGraph** [ZZL<sup>19a</sup>]. **Challenges** [GS06, VTHB18]. **Change** [KSDC14, KPY17, XK24]. **Channel** [KPY17, LSZ19]. **Chaos** [WOJ<sup>18</sup>]. **characteristic** [XS09]. **Characteristics** [YGJS21, JHZK08]. **Characterization** [CHA<sup>11</sup>, GLSB18, JPC<sup>20</sup>, Kas18, LWC<sup>22</sup>]. **Characterizing** [MTD<sup>15</sup>, XOZ<sup>20</sup>, XWL<sup>18</sup>]. **Charge** [LWC<sup>22</sup>]. **Charge-Trap** [LWC<sup>22</sup>]. **Cheap** [HF05]. **Checker** [MDAD<sup>14</sup>]. **Checkers** [GZH<sup>18</sup>]. **Checking** [FQS<sup>14</sup>, TPM<sup>11</sup>]. **Chief** [Ano23, Noh18]. **Chip** [KCC13]. **Chip-Level** [KCC13]. **Choices** [MH22]. **Choosing** [ZXJ11]. **Class** [KAG<sup>22</sup>, WQR13, JWK<sup>10</sup>, STZ10]. **Classification** [WCXY15]. **Classifying** [JAM<sup>16</sup>]. **clfB** [KSKN18]. **clfB-tree** [KSKN18]. **Client** [CLZ<sup>21</sup>, HA17, HC17, HCO<sup>17</sup>]. **Client-Side** [HA17]. **CLOCK** [LKE18]. **Clones** [ZCJ<sup>21</sup>, Rod08]. **Closed** [ES14, IV15]. **Closed-Form** [ES14, IV15]. **Cloud** [BCQ<sup>13</sup>, CLBB21, HC17, HCO<sup>17</sup>, LWLS23, LZY<sup>24</sup>, LPR<sup>19</sup>, MJW<sup>14</sup>, VDV17, WZH<sup>20</sup>, WTZ<sup>23</sup>, YHJ13, ZLLH23, ZLQ<sup>22</sup>, VSV09]. **Cloud-of-Clouds** [BCQ<sup>13</sup>]. **Clouds** [BCQ<sup>13</sup>]. **Cluster** [SVG<sup>20</sup>, SKM<sup>18</sup>]. **Clusters** [HZQX13, YYR21, QJM<sup>09</sup>, WB05]. **Co** [SVG<sup>20</sup>, TIM<sup>18</sup>, XXD19]. **Co-Design** [TIM<sup>18</sup>, SVG<sup>20</sup>, XXD19]. **code** [LS12, LS12]. **Coded** [HLZ<sup>17</sup>, HZQX13, ZLL<sup>20</sup>, Ili23, LYL<sup>21</sup>, NCP<sup>22</sup>]. **Codes** [HBP11, JMS22, KSCM23, KYL<sup>20</sup>, LL14,

- LFH<sup>+</sup>17, LFJ<sup>+</sup>17, PB14, Tri15, XXL<sup>+</sup>11, YYM<sup>+</sup>18, YFWH20, LSZ09, PBV11, HCL13]. **Coding** [CZD<sup>+</sup>17, ZT20, TB09]. **collaborative** [VMF<sup>+</sup>06]. **Collecting** [DS16]. **Collection** [YLH<sup>+</sup>17]. **Collision** [WWJ<sup>+</sup>23]. **Columnar** [WLL<sup>+</sup>19]. **Commercial** [KLE20]. **Commodity** [KLK<sup>+</sup>22]. **common** [SZS<sup>+</sup>12]. **communication** [GSL<sup>+</sup>05]. **Compaction** [YWH<sup>+</sup>17, ZD21]. **Compactions** [SXJ<sup>+</sup>24]. **Comparative** [LWLS23]. **Complexity** [Tri15]. **compliance** [PB05]. **Composite** [ZRRW20]. **Composite-File** [ZRRW20]. **Compositional** [CNS<sup>+</sup>18]. **Compound** [LSDW17]. **Compounds** [CBH<sup>+</sup>17]. **Comprehensive** [KSL<sup>+</sup>23, ZT20, JHZK08]. **Compressed** [May22]. **Compression** [JSC20, KMM<sup>+</sup>12, XPZ<sup>+</sup>23, SHWH12]. **Computational** [CHA<sup>+</sup>11, KKR20]. **Compute** [CDW<sup>+</sup>22]. **Compute-Storage** [CDW<sup>+</sup>22]. **computer** [HWB<sup>+</sup>06, HBL<sup>+</sup>06, MTH<sup>+</sup>08]. **Computing** [CDW<sup>+</sup>22, DFB<sup>+</sup>20, LZL<sup>+</sup>23]. **Concurrent** [WCW<sup>+</sup>22, ZZL<sup>+</sup>19a]. **Conference** [GR19, YP19]. **congestion** [BBK<sup>+</sup>09]. **congestion-aware** [BBK<sup>+</sup>09]. **Conjunctive** [TLM<sup>+</sup>23]. **conquer** [Tos09]. **Conquest** } [WKRP06]. **Conscious** [LPG<sup>+</sup>17, ZZS<sup>+</sup>22]. **Consensus** [AGL<sup>+</sup>18]. **Consensus-Based** [AGL<sup>+</sup>18]. **conservation** [CK05]. **Conserve** [HZQX13]. **Considerations** [KSCM23]. **Consistency** [GAADAD21, HZN<sup>+</sup>19, KLE20, LLYS23, MMP<sup>+</sup>19, PAL<sup>+</sup>17, WWW<sup>+</sup>18, FSM<sup>+</sup>12]. **Consistency-aware** [GAADAD21]. **Consistent** [HA13, YV05]. **Consolidated** [ZXJ11]. **Constructing** [VMF<sup>+</sup>06]. **Consumption** [CPW<sup>+</sup>15]. **Container** [LSDW17, LDZZ23, ZDZ<sup>+</sup>21]. **Container-Based** [LSDW17]. **content** [KR10]. **Context** [GHWK15, ZJQ<sup>+</sup>15]. **Context-Based** [ZJQ<sup>+</sup>15]. **Contiguous** [LRZ<sup>+</sup>22]. **Continuous** [CHA<sup>+</sup>11, JGW<sup>+</sup>23]. **Contract** [KLC<sup>+</sup>23]. **Contributing** [CCB07]. **contributor** [JHZK08]. **Control** [FLY21, KKZ05, ZSW<sup>+</sup>06]. **Controlled** [WLC<sup>+</sup>22]. **Controlling** [ZWG<sup>+</sup>23]. **Cooperative** [LKB<sup>+</sup>17, ZZW<sup>+</sup>17, TCL12]. **Copy** [ZCJ<sup>+</sup>21]. **Copy-on-Abundant-Write** [ZCJ<sup>+</sup>21]. **Core** [FCZ<sup>+</sup>23]. **CORES** [WLL<sup>+</sup>19]. **Correct** [CNS<sup>+</sup>18, LRE22]. **Correction** [QFS<sup>+</sup>17]. **correlations** [LCZ05]. **corruption** [BADAD<sup>+</sup>08]. **CosaFS** [ZZW<sup>+</sup>17]. **Cosmos** [KLP<sup>+</sup>20]. **Cost** [DFB<sup>+</sup>20, HC17, LCR<sup>+</sup>21, TGL<sup>+</sup>18]. **Cost-Aware** [HC17]. **Cost-effective** [DFB<sup>+</sup>20, LCR<sup>+</sup>21]. **CostCounter** [WWJ<sup>+</sup>23]. **Countering** [KCMDM20]. **Crash** [CNS<sup>+</sup>18, HZN<sup>+</sup>19, LLYS23, MMP<sup>+</sup>19, PAL<sup>+</sup>17, WKC06]. **CrashMonkey** [MMP<sup>+</sup>19]. **Cross** [WCR<sup>+</sup>06]. **Cross-layer** [WCR<sup>+</sup>06]. **ctFS** [LRZ<sup>+</sup>22]. **Cuckoo** [WWJ<sup>+</sup>23]. **Cumulus** [VSV09]. **Curve** [HWZ<sup>+</sup>18]. **Custom** [AWK<sup>+</sup>20]. **Customizable** [LJFS17]. **D** [GYX<sup>+</sup>22, LWC<sup>+</sup>22, PDZ<sup>+</sup>23, SPADAD05, XWL<sup>+</sup>18, ZWM<sup>+</sup>20]. **D-GRAID** [SPADAD05]. **D2D** [HM05]. **Data** [ASM12, AT13, BYY<sup>+</sup>22, BAM<sup>+</sup>21, CWG<sup>+</sup>19, CWY<sup>+</sup>15, CLBB21, DFP<sup>+</sup>15, DMS<sup>+</sup>16, EKB<sup>+</sup>16, HLZ<sup>+</sup>17, HCL13, IJK<sup>+</sup>17, JSC20, JDXD13, JAM<sup>+</sup>16, KLK17, KDS20, KH20, LKB<sup>+</sup>17, LCZ<sup>+</sup>19, LDZZ23, MEK<sup>+</sup>14, PYY19, SXF21, SSWC14, WCW<sup>+</sup>22, WH15, YYC<sup>+</sup>18, YPLG11, ZB16, ZWM<sup>+</sup>20, ZWG<sup>+</sup>23, ZCJ<sup>+</sup>20, ZT20, ZYS<sup>+</sup>22, ASS05, ABLM07, BADAD<sup>+</sup>08, BFHR09, EM05, EA08, HKC06, LZYK<sup>+</sup>06, SZ05, SVG<sup>+</sup>20]. **Data-centric** [BAM<sup>+</sup>21]. **Data-Intensive** [CWY<sup>+</sup>15]. **Database** [SWY18, ZZL<sup>+</sup>19b, DRK08, THHT08]. **databases** [MNT06]. **Datacenter** [SSVG13, YPU<sup>+</sup>23]. **datasets** [SHWH12, VMF<sup>+</sup>06]. **David** [AAADAD12]. **decentralized** [TCL12]. **Decoupled**

- [LZC<sup>+</sup>18]. **Decoupling** [ZRRW20].
- Deduplicated** [HHS<sup>+</sup>20, KKD<sup>+</sup>22, NSKY21, ZYS<sup>+</sup>22].
- Deduplication** [CWG<sup>+</sup>19, LXNL15, LLT<sup>+</sup>20, LDZZ23, MSM<sup>+</sup>17, MJW<sup>+</sup>14, PP16, QLL17, XPZ<sup>+</sup>23, YLRL22, ZDZ<sup>+</sup>21, SKM<sup>+</sup>18, MB12, KR10].
- Deduplication-Based** [CWG<sup>+</sup>19, MJW<sup>+</sup>14, ZDZ<sup>+</sup>21].
- Deep** [STC23, WBZ<sup>+</sup>19].
- Defenses** [LLT<sup>+</sup>20].
- Deferred** [HZQX13].
- Defined** [LCZ<sup>+</sup>19].
- Defining** [EA08].
- DEFUSE** [LRE22].
- degradation** [JB05].
- Deletion** [DMS<sup>+</sup>16].
- Delta** [WTZ<sup>+</sup>23, XPZ<sup>+</sup>23, ZLQ<sup>+</sup>22, SHWH12].
- DeltaFS** [ZCJ<sup>+</sup>20].
- density** [PBV11].
- Dependable** [BCQ<sup>+</sup>13].
- Dependent** [SPR19].
- Deployment** [KAG<sup>+</sup>22, WXH<sup>+</sup>16].
- DepSky** [BCQ<sup>+</sup>13].
- depth** [LWLS23].
- Derrick** [JGW<sup>+</sup>23].
- Descriptive** [LGL22].
- Design** [CCC<sup>+</sup>18, CPW<sup>+</sup>15, HWC12, IBC<sup>+</sup>21, KSCM23, LSDW17, LCLX19, MH22, QLL17, SS14, SCW<sup>+</sup>20, TIM<sup>+</sup>18, XPZ<sup>+</sup>23, YCY<sup>+</sup>20, ZZL13, CHHH12, GS06, SVG<sup>+</sup>20, WKRP06, WKC06, XXD19].
- desktop** [VMF<sup>+</sup>06].
- Detection** [LZL<sup>+</sup>23, LDZZ23, LXZ<sup>+</sup>23, XPZ<sup>+</sup>23].
- Determining** [ZWM<sup>+</sup>20].
- Determinism** [KLC<sup>+</sup>23, LPS<sup>+</sup>23].
- Development** [CNS<sup>+</sup>18, DKJS21, ZIJ<sup>+</sup>06].
- Device** [KSL<sup>+</sup>23, LL14, QZL<sup>+</sup>23, SCJS18, SSHY16, ZXJ11, HBL<sup>+</sup>06].
- Devices** [CSY<sup>+</sup>14, GHWK15, JPC<sup>+</sup>20, KLE20, KLK<sup>+</sup>22, ZWH<sup>+</sup>17, BLN09, CHLK11, GR09, KH10, LZYK<sup>+</sup>06].
- DFS** [JBLF10].
- DIDACache** [SCJS18].
- Differential** [BKPM10].
- differentiation** [KKZ05].
- Diff** [May22].
- digital** [GSL<sup>+</sup>05].
- dimensional** [ZYS<sup>+</sup>22].
- Direct** [CSOL18].
- Direct-Access** [CSOL18].
- directed** [LLZA05].
- Directories** [ZCJ<sup>+</sup>20].
- Directory** [ZJP<sup>+</sup>18].
- Disaggregated** [CDW<sup>+</sup>22, LHZ<sup>+</sup>23, ZHDL23].
- Disaggregation** [GLSB18].
- Discovery** [LGL22].
- Disk** [ASD15, HWF<sup>+</sup>16, IHHE11, JDXD13, Kas18, LCZ<sup>+</sup>19, MTD<sup>+</sup>15, PB14, SSVG13, SYK<sup>+</sup>11, TGL<sup>+</sup>18, WXH<sup>+</sup>16, WLX<sup>+</sup>22, WMCJ16, XXL<sup>+</sup>11, ZWM<sup>+</sup>20, ZWF22, ABLM07, BFHR09, DEH<sup>+</sup>08, GW10, GS06, HM05, LS12, MJW<sup>+</sup>12, MTH<sup>+</sup>08, NQX06, SG07, SZ05, TB09, VJG08, WKRP06, WB05].
- Disk-Resident** [WLX<sup>+</sup>22].
- disk/persistent** [WKRP06].
- disk/persistent-RAM** [WKRP06].
- Disks** [GNB16, JAM<sup>+</sup>16, STC23, ZHSH23, JHZK08, LLZA05, MQRY11].
- DISP** [EM05].
- Distilling** [ZDZ<sup>+</sup>21].
- Distinguished** [Noh19].
- Distributed** [AWK<sup>+</sup>20, AGL<sup>+</sup>18, GAADAD17, LZL<sup>+</sup>23, MH22, PP16, TLM<sup>+</sup>23, XCK<sup>+</sup>14, YLADAD23, ZZL<sup>+</sup>19a, ZLL19, ZHDL23, ZZL<sup>+</sup>19b, ZCW<sup>+</sup>21, EM05, HDW<sup>+</sup>08, MMR<sup>+</sup>09, SCW<sup>+</sup>20].
- Distribution** [LWC<sup>+</sup>22, YZ16, ZWM<sup>+</sup>20].
- Divide** [Tos09, GSL<sup>+</sup>05].
- Divide-and-conquer** [Tos09].
- DM** [STC23].
- DM-SMR** [STC23].
- Does** [GAADAD17, MR16, SG07].
- dominant** [JHZK08].
- Donag** [May22].
- DPMS** [SCW<sup>+</sup>20].
- DRAM** [SLZ<sup>+</sup>23].
- Drive** [LCMZ15, SSVG13, SHDA17, WBZ<sup>+</sup>19, WCXY15, GS06].
- Drive-Managed** [SHDA17].
- driver** [CHLK11].
- driver-layer** [CHLK11].
- Drives** [CHL16, GYX<sup>+</sup>22, Kas18, LCZ<sup>+</sup>19, LXC<sup>+</sup>22, SLZ<sup>+</sup>23, WLD21, XCR18, XXD19, ZYWX22, BFHR09, CHHH12, GW10, HM05].
- DudeTx** [LZC<sup>+</sup>18].
- duplicate** [BJD06].
- Durability** [GAADAD21].
- Durable** [HA17, LZC<sup>+</sup>18].
- Dynamic** [ABLM07, EKB<sup>+</sup>16, FLY21, NB13, QJM<sup>+</sup>09, ZB16, THTT08].
- Editor** [Ano23, Noh18].
- Editor-in-Chief** [Ano23, Noh18].
- Editorial** [BP11, Lon12, Raj05, BK10].
- Editors** [Noh21].
- effective** [DFB<sup>+</sup>20, LCR<sup>+</sup>21].

- Efficiency** [HA13, HCL13, LLH<sup>+</sup>18].
- Efficient** [CK05, CWY<sup>+</sup>15, CZD<sup>+</sup>17, DFP<sup>+</sup>15, EFM17, GAADAD21, HKC06, IJK<sup>+</sup>17, JSC20, KSGP17, KLK17, LXNL15, LCLX19, LLYS23, LZYK<sup>+</sup>06, LSS16, LBOX12, May22, MRZ<sup>+</sup>09, MEK<sup>+</sup>14, PSX<sup>+</sup>21, PP16, SZ05, SSHY16, TCL12, WLX<sup>+</sup>22, XPZ<sup>+</sup>23, XMRF<sup>+</sup>13, YCM<sup>+</sup>20, YWH<sup>+</sup>17, YPLG11, ZJP<sup>+</sup>18, ZB16, ZLL<sup>+</sup>20, ZLHH23, DFB<sup>+</sup>20, EM05, LS12, MQRY11, WKC06, ZSXZ07].
- EIC** [Ano20]. **Elastic** [XCK<sup>+</sup>14].
- Elimination** [YLH<sup>+</sup>17, BJD06]. **Empirical** [SLXH23, ZFX<sup>+</sup>18]. **Empowering** [KSL<sup>+</sup>23]. **EMPRESS** [LGL22]. **emulate** [CLHK10]. **Emulating** [AAADAD12].
- Emulator** [KSL<sup>+</sup>23]. **Enabled** [WOJ<sup>+</sup>18, ZCW<sup>+</sup>21, SCW<sup>+</sup>20]. **Enabling** [FCZ<sup>+</sup>23, LCLX19, SFW<sup>+</sup>20, TGL<sup>+</sup>18].
- Enclosures** [ZWM<sup>+</sup>20]. **Encoding** [FLY21].
- Encrypted** [LLT<sup>+</sup>20, QLL17, WTZ<sup>+</sup>23, YLRL22].
- Encryption** [TLM<sup>+</sup>23]. **End** [YXZ<sup>+</sup>23].
- End-to-end** [YXZ<sup>+</sup>23]. **Endurance** [BYY<sup>+</sup>22, JMS22, LCMZ15, PKI<sup>+</sup>18].
- Energy** [CWY<sup>+</sup>15, CPW<sup>+</sup>15, DFB<sup>+</sup>20, HZQX13, LCMZ15, LLH<sup>+</sup>18, EA08, LLZA05, MQRY11, STZ10].
- Energy-Efficient** [CWY<sup>+</sup>15, DFB<sup>+</sup>20, MQRY11].
- Enforcement** [LJFS17]. **Enhanced** [PWLW21, MJW<sup>+</sup>12]. **Enhancement** [ZFX<sup>+</sup>18, CHHH12]. **Enterprise** [Kas18, KCMDM20, KSDC14, MMES21, PKI<sup>+</sup>18, ZFX<sup>+</sup>18, NDR08].
- Enterprise-Level** [PKI<sup>+</sup>18]. **Entry** [ZDZ<sup>+</sup>21]. **Environments** [WTZ<sup>+</sup>23].
- Equation** [ES14, IV15]. **Erasure** [CZD<sup>+</sup>17, HLZ<sup>+</sup>17, HZQX13, Ili23, LL14, LYL<sup>+</sup>21, LFJ<sup>+</sup>17, NCP<sup>+</sup>22, PB14, YFHW20, ZLL<sup>+</sup>20, ZT20, LSZ09]. **Erasure-Coded** [HLZ<sup>+</sup>17, HZQX13, ZLL<sup>+</sup>20, Ili23, LYL<sup>+</sup>21].
- Error** [QFS<sup>+</sup>17]. **Errors** [Ili23, JMHS20, DEH<sup>+</sup>08, SDG10].
- Evaluating** [KSDC14]. **Evaluation** [Ili23, LCLX19, LYI<sup>+</sup>21, SSVG13, XXL<sup>+</sup>11, XMRF<sup>+</sup>13, ZZL13, ZFX<sup>+</sup>18]. **Everyone** [KFPS20]. **Everything** [ZZL<sup>+</sup>19b].
- Evidence** [GSS<sup>+</sup>18, YZ16]. **Evolution** [DKJS21, LADADL14]. **Evolving** [KH20].
- Exact** [HBP11, MSM<sup>+</sup>17]. **ExaPlan** [IJK<sup>+</sup>17]. **Exascale** [SSWC14]. **Exclusion** [WZH<sup>+</sup>20]. **Exedra** [ASS05]. **existence** [TPM<sup>+</sup>11]. **Expansion** [ZWG<sup>+</sup>23].
- Experience** [YS17, YPU<sup>+</sup>23].
- Exploitation** [WLC<sup>+</sup>22, WCJ<sup>+</sup>24].
- Exploiting** [CST<sup>+</sup>24, GAR<sup>+</sup>22, HZQX13, JDXD13, JPB17, JWK<sup>+</sup>10, LSKK16, SWY18, XCR18, DJC07, MKLC06].
- Exploration** [WLC<sup>+</sup>22]. **Explorations** [WCJ<sup>+</sup>24]. **Exploratory** [LCZ<sup>+</sup>19].
- Ext3cow** [PB05]. **Extendible** [ZZS<sup>+</sup>22].
- Extending** [LPS<sup>+</sup>23, WSSZ07]. **Extensible** [KXK<sup>+</sup>20]. **Extensions** [WQR13]. **external** [GAR<sup>+</sup>22]. **Extract** [GW10].
- Fabrics** [GLSB18]. **face** [JMHS20]. **Fail** [GSS<sup>+</sup>18, LXZ<sup>+</sup>23]. **Fail-Slow** [GSS<sup>+</sup>18, LXZ<sup>+</sup>23]. **Failed** [XXL<sup>+</sup>11].
- Failure** [HGZ<sup>+</sup>22, PB14, ZLL19, ZWF22, JHZK08, SG07]. **Failures** [LL14, MTD<sup>+</sup>15, RPA<sup>+</sup>21, SSVG13, JHZK08]. **Family** [LL14].
- FAST** [AR18, AY21, Bak08, BF12, BP17, DP22, GN23, KW17, MW20, NW21, SZ15, ST14, CST<sup>+</sup>24, CSY<sup>+</sup>14, GAR<sup>+</sup>22, GHWK15, HHK<sup>+</sup>21, HWZ<sup>+</sup>18, KLK<sup>+</sup>22, LRE22, LCR<sup>+</sup>21, MDAD<sup>+</sup>14, SSHY16, TPM<sup>+</sup>11, WXH<sup>+</sup>16, WLX<sup>+</sup>22, WCCZ21, XPZ<sup>+</sup>23, YCM<sup>+</sup>20, ZLL19, ZT20, WCJ<sup>+</sup>24, ADAD07, SW09, WTZ<sup>+</sup>23]. **FAST'10** [BK10]. **FASTSync** [WTZ<sup>+</sup>23]. **Fault** [GAADAD17, KYL<sup>+</sup>20, ASS05, EM05, LSZ09]. **fault-tolerant** [ASS05, EM05].
- Faults** [GAADAD17, GSS<sup>+</sup>18]. **Federated** [CLBB21]. **Ffsck** [MDAD<sup>+</sup>14]. **Fidelity** [JCG<sup>+</sup>16]. **Field** [MMES21]. **fields** [LBOX12]. **File** [AEMWC<sup>+</sup>12, CST<sup>+</sup>24, CWG<sup>+</sup>19, CYW<sup>+</sup>17,

CSOL18, CCC<sup>+</sup>18, DMS<sup>+</sup>16, GAADAD17, GR09, GZH<sup>+</sup>18, HGZ<sup>+</sup>22, HZN<sup>+</sup>19, JMHS20, JYZ<sup>+</sup>15, JPC<sup>+</sup>20, KXK<sup>+</sup>20, KFPS20, LRE22, LRZ<sup>+</sup>22, LADADL14, LSZ19, MDAD<sup>+</sup>14, MH22, MHS20, MLZG19, MMP<sup>+</sup>19, SFW<sup>+</sup>20, SLXH23, VAM<sup>+</sup>19, WCC15, WQR13, YOL<sup>+</sup>18, YZJ<sup>+</sup>17, ZZW<sup>+</sup>17, ZJP<sup>+</sup>18, ZCJ<sup>+</sup>21, ZJQ<sup>+</sup>15, ZRRW20, ZHSH23, ZCW<sup>+</sup>21, ABDL07, AADAD09, AWC09, BBK<sup>+</sup>09, CCB07, FSM<sup>+</sup>12, JB05, JBLF10, JWK<sup>+</sup>10, MKLC06, PB05, STZ10, SSR<sup>+</sup>10, TPM<sup>+</sup>11, TZJW08, THWD08, VFNN10, WKRP06, WSSZ07, WKC06, XS09, YCY<sup>+</sup>20, ZIJ<sup>+</sup>06].

**File-System** [GAADAD17, MDAD<sup>+</sup>14, MMP<sup>+</sup>19, SFW<sup>+</sup>20, HZN<sup>+</sup>19, ABDL07, AADAD09].

**Files** [YCY<sup>+</sup>20, ZRRW20]. **Filesystem** [RBM13, SVG<sup>+</sup>20, VSV09]. **Finding** [KXK<sup>+</sup>20]. **Findings** [LWLS23]. **Fine** [CYW<sup>+</sup>17]. **Fine-grained** [CYW<sup>+</sup>17].

**Fingerprint** [ZDZ<sup>+</sup>21]. **finite** [LBOX12]. **five** [ABDL07]. **five-year** [ABDL07]. **Flash** [BYY<sup>+</sup>22, CHL16, GYX<sup>+</sup>22, HCK18, HWC12, HWF<sup>+</sup>16, JSC20, JCG<sup>+</sup>16, KLP<sup>+</sup>20, KCC13, LSKK16, LKB<sup>+</sup>17, LSDW17, LPS<sup>+</sup>23, LGKK22, LWC<sup>+</sup>22, MBTM<sup>+</sup>22, PDZ<sup>+</sup>23, PSX<sup>+</sup>21, PKI<sup>+</sup>18, SCJS18, TIM<sup>+</sup>18, WCXY15, WOJ<sup>+</sup>18, WH15, XWL<sup>+</sup>18, YS17, YYM<sup>+</sup>18, YLH<sup>+</sup>17, YPU<sup>+</sup>23, YOL<sup>+</sup>18, ZWH<sup>+</sup>17, CK05, CLHK10, CLP09, HKC06, JBLF10, LZYK<sup>+</sup>06, SPP11, WKC06, WHE12].

**Flash-Based** [HWF<sup>+</sup>16, LSKK16, JSC20, SCJS18, LZYK<sup>+</sup>06, WHE12].

**flash-memory** [CK05]. **Flash/Network** [TIM<sup>+</sup>18]. **FlashNet** [TIM<sup>+</sup>18]. **Flat** [CST<sup>+</sup>24]. **FlatLSM** [HAL<sup>+</sup>23].

**FlexDPDP** [EKB<sup>+</sup>16]. **Flexible** [HCL13, KLK<sup>+</sup>22, YFHW20, ZHW19].

**Flexible-resizing** [ZHW19]. **Flexlist** [EKB<sup>+</sup>16]. **Flexlist-Based** [EKB<sup>+</sup>16].

**Floating** [XWL<sup>+</sup>18]. **FluidSMR** [WLD21].

**forgery** [HSW09]. **Form** [ES14, IV15].

**Fragmentation** [KCMDM20]. **Framework** [CNS<sup>+</sup>18, GCD<sup>+</sup>22, KXK<sup>+</sup>20, STC23, YPLG11, ZJQ<sup>+</sup>15, VJG08]. **FRASH** [JWK<sup>+</sup>10]. **Free** [KLE20, KSGP17, TLM<sup>+</sup>23, ZYWX22].

**Frequency** [LLT<sup>+</sup>20]. **Friendly** [BN16, KSKN18]. **Frog** [ZJQ<sup>+</sup>15]. **fsync** [RPA<sup>+</sup>21]. **FTL** [CNS<sup>+</sup>18, KPY17]. **FTP** [AWC09]. **Full** [ZJP<sup>+</sup>18].

**Full-Path-Indexed** [ZJP<sup>+</sup>18]. **Functional** [LFH<sup>+</sup>17]. **Functionality** [LBN14]. **FUSE** [VAM<sup>+</sup>19]. **Fuzzing** [KXK<sup>+</sup>20].

**Games** [KKD<sup>+</sup>22]. **Garbage** [DS16, YLH<sup>+</sup>17]. **Gate** [XWL<sup>+</sup>18]. **GC** [ZYWX22]. **GC-free** [ZYWX22]. **GCMix** [KLK17]. **GCTrees** [DS16]. **GDS** [HC17]. **gear** [WOQ<sup>+</sup>07]. **gear-shifting** [WOQ<sup>+</sup>07].

**General** [LL14, LFH<sup>+</sup>17]. **Generalized** [AT13, LS12]. **Generating** [AADAD09, May22]. **Generation** [JMS22, PKI<sup>+</sup>18, DRK08]. **generic** [GSL<sup>+</sup>05]. **geometry** [GW10]. **Glocality** [ZLL19]. **gLSM** [SXJ<sup>+</sup>24]. **goliath** [AAADAD12]. **Google** [YPU<sup>+</sup>23]. **GoSeed** [NSKY21]. **GPGPU** [SXJ<sup>+</sup>24]. **graceful** [JB05]. **GRAID** [SPADAD05]. **grained** [CYW<sup>+</sup>17]. **Graph** [HSL<sup>+</sup>18, SLZ<sup>+</sup>23, ZZL<sup>+</sup>19a]. **Graph-based** [SLZ<sup>+</sup>23]. **GraphOne** [KH20]. **Graphs** [KH20, MHL<sup>+</sup>15, WLX<sup>+</sup>22]. **GRID** [LSZ09]. **Group** [WM16]. **grouping** [EA08]. **Groupings** [WM16]. **Guest** [BP11, BK10].

**H** [WXH<sup>+</sup>16]. **H-Scale** [WXH<sup>+</sup>16]. **Hard** [LCZ<sup>+</sup>19, SSVG13, WBZ<sup>+</sup>19, GW10].

**hardness** [THWD08]. **Hardware** [GSS<sup>+</sup>18, KLK<sup>+</sup>22, LRZ<sup>+</sup>22].

**Hardware-based** [KLK<sup>+</sup>22]. **Hash** [QZL<sup>+</sup>23]. **Hash-based** [QZL<sup>+</sup>23].

**Hashing** [LCLX19, WWJ<sup>+</sup>23, ZHW19, ZZS<sup>+</sup>22].

**HBase** [CDW<sup>+</sup>22]. **HDD** [WLC<sup>+</sup>22].

**HDD-Writes** [WLC<sup>+</sup>22]. **Heap** [HJW15].

- Heap-Based** [HJW15]. **HEAPO** [HJW15].  
**Heterogeneous** [GCD<sup>+</sup>22, GR09].  
**hfplayer** [HHFD17]. **Hierarchical** [CLZ<sup>+</sup>21, HBP11, LV17, JWK<sup>+</sup>10].  
**hierarchy** [MTH<sup>+</sup>08]. **High** [CSY<sup>+</sup>14, FCZ<sup>+</sup>23, HGZ<sup>+</sup>22, JCG<sup>+</sup>16, KPY17, LB14, LHZ<sup>+</sup>23, LFH<sup>+</sup>17, TGL<sup>+</sup>18, WTZ<sup>+</sup>23, ZHSH23, ZHW19, DEH<sup>+</sup>08, GSL<sup>+</sup>05, LSZ09]. **High-bandwidth** [WTZ<sup>+</sup>23, GSL<sup>+</sup>05]. **High-Fidelity** [JCG<sup>+</sup>16]. **High-Performance** [CSY<sup>+</sup>14, FCZ<sup>+</sup>23, HGZ<sup>+</sup>22, LB14, LFH<sup>+</sup>17, ZHSH23, LHZ<sup>+</sup>23, ZHW19].  
**high-reliability** [DEH<sup>+</sup>08]. **Higher** [TB09].  
**Highly** [EFM17]. **HIL** [CNS<sup>+</sup>18]. **HiNFS** [CSOL18]. **Hints** [GCD<sup>+</sup>22, DRK08].  
**HintStor** [GCD<sup>+</sup>22]. **Historical** [ASM12].  
**History** [JDXD13, HSW09]. **HM** [STC23, ZYWX22]. **HM-SMR** [STC23, ZYWX22]. **Hot** [ZDZ<sup>+</sup>21, HKC06].  
**hours** [SG07]. **HPDA** [MJW<sup>+</sup>12].  
**Hundreds** [YYR21]. **Hybrid** [CZD<sup>+</sup>17, KCC13, LKE18, LXNL15, LCMZ15, VDV17, WXH<sup>+</sup>16, WLC<sup>+</sup>22, WLD21, XXL<sup>+</sup>11, XMRF<sup>+</sup>13, YFWH20, ZLLH23, JWK<sup>+</sup>10, MJW<sup>+</sup>12, SPP11, WKRP06]. **Hybris** [VDV17]. **Hyper** [ZYS<sup>+</sup>22].  
**Hyper-dimensional** [ZYS<sup>+</sup>22].
- I/O** [CDW<sup>+</sup>22, CBH<sup>+</sup>17, GCD<sup>+</sup>22, HHFD17, HCO<sup>+</sup>17, JPB17, KR10, KDS20, LPS<sup>+</sup>23, LSZ19, MQRY11, MKLC06, QJM<sup>+</sup>09, SSHY16, WLX<sup>+</sup>22, WOJ<sup>+</sup>18, YXZ<sup>+</sup>23, YSEY10, ZXJ11]. **I/O-intensive** [QJM<sup>+</sup>09]. **Identification** [BWV16, BYY<sup>+</sup>22, HKC06]. **Identify** [WM16]. **idleness** [MRZ<sup>+</sup>09]. **IEEE** [HKP09]. **IEEE-1394** [HKP09]. **Image** [LZY<sup>+</sup>24, ZCL<sup>+</sup>21]. **ImmortalGraph** [MHL<sup>+</sup>15]. **Impact** [SSVG13, SXF21, ZWH<sup>+</sup>17].  
**Implementation** [HWC12, QLL17, SCW<sup>+</sup>20, Tri15].  
**implementations** [AEMWC<sup>+</sup>12, LBOX12].
- Implications** [LWLS23, XOZ<sup>+</sup>20, XWL<sup>+</sup>18, YGJS21, YZ16]. **Imply** [GAADAD17].  
**Impressions** } [AADAD09]. **Improve** [BYY<sup>+</sup>22, CST<sup>+</sup>24, JPB17, LSKK16, MR16, QFS<sup>+</sup>17, KR10, LCZ05]. **Improved** [WMCJ16]. **Improvement** [LLH<sup>+</sup>18].  
**Improving** [AAB<sup>+</sup>23, BJD06, CHA<sup>+</sup>11, HA13, HWF<sup>+</sup>16, JMS22, SYK<sup>+</sup>11, SPADAD05, ZDZ<sup>+</sup>21, NQX06]. **In-depth** [LWLS23]. **In-Memory** [CZD<sup>+</sup>17, FCZ<sup>+</sup>23, YYR21]. **In-Storage** [CDW<sup>+</sup>22]. **incremental** [ZIJ<sup>+</sup>06]. **InDe** [LDZZ23]. **independent** [XS09]. **Index** [DFP<sup>+</sup>15, ZHW19]. **Indexed** [ZJP<sup>+</sup>18, ZCJ<sup>+</sup>20]. **Indexes** [WCW<sup>+</sup>22, WLL<sup>+</sup>22]. **Indexing** [LRZ<sup>+</sup>22, LZYK<sup>+</sup>06]. **infer** [GW10].  
**Information** [LLT<sup>+</sup>20]. **informed** [SHWH12]. **Infrastructure** [CDW<sup>+</sup>22, PP16]. **initialization** [WKC06].  
**Inline** [LXNL15, LDZZ23, YYC<sup>+</sup>18].  
**Inspection** [JPC<sup>+</sup>20]. **INSTalytics** [SVG<sup>+</sup>20]. **Integrate** [XXD19].  
**Integration** [SCJS18]. **Integrity** [FQS<sup>+</sup>14, MNT06]. **Intelligent** [WCR<sup>+</sup>06].  
**Intel(R)** [MTH<sup>+</sup>08]. **Intensive** [CWY<sup>+</sup>15, HHFD17, NQX06, QJM<sup>+</sup>09].  
**inter** [MKLC06]. **inter-file** [MKLC06].  
**Interdisk** [WXS16]. **Interface** [LRE22, LPS<sup>+</sup>23, ZXJ11]. **Interfaces** [GAR<sup>+</sup>22]. **Interference** [KLK17].  
**Interleaving** [JPB17, SYK<sup>+</sup>11]. **Internal** [CHL16, XCR18]. **International** [YP19].  
**Interrupts** [TSWT22]. **intra** [DEH<sup>+</sup>08].  
**intra-disk** [DEH<sup>+</sup>08]. **Intradisk** [IHHE11].  
**Introduction** [AR18, AY21, AW23, ADAD07, ADV19, ADZ20, Bak08, BF12, BP17, BL22, CK22, DP22, DH16, DdL18, GZ21, GN23, GR19, KKR20, KW17, LH21, MT20, MT17, MW20, NW21, Noh22, PWS17, SZ15, SZ23, ST14, SW09, XS18, YP19]. **IO** [GHWK15, RHC15].  
**IS-HBase** [CDW<sup>+</sup>22]. **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<sup>+19a</sup>].
- JFTL** [CLP09]. **Jobs** [ZZL<sup>+19a</sup>]. **journal** [CLP09]. **Journaling** [CYW<sup>+17</sup>, HA17, LBN14]. **Journey** [LXZ<sup>+23</sup>].
- Kangaroo** [MBTM<sup>+22</sup>]. **Kernel** [GZXZ23, JYZ<sup>+15</sup>]. **Key** [DKJS21, IBC<sup>+21</sup>, JSC20, KAG<sup>+22</sup>, KLC<sup>+23</sup>, LHZ<sup>+23</sup>, PSX<sup>+21</sup>, QZL<sup>+23</sup>, SCJS18, SXJ<sup>+24</sup>, WCCZ21, YYR21, YLRL22, YWH<sup>+17</sup>, ZD21, ZYWX22, HF05]. **Key-Value** [PSX<sup>+21</sup>, IBC<sup>+21</sup>, JSC20, KAG<sup>+22</sup>, LHZ<sup>+23</sup>, SCJS18, SXJ<sup>+24</sup>, YYR21]. **Keys** [LPG<sup>+17</sup>]. **Kinesis** [MMR<sup>+09</sup>]. **Kreon** [PSX<sup>+21</sup>]. **KV** [CZD<sup>+17</sup>, HAL<sup>+23</sup>, LCLX19, LCR<sup>+21</sup>]. **KV-Store** [CZD<sup>+17</sup>]. **KVRageDB** [QZL<sup>+23</sup>].
- Labels** [KDS20]. **Large** [DFB<sup>+20</sup>, DKJS21, GSS<sup>+18</sup>, Hal16, IJK<sup>+17</sup>, MMES21, MEK<sup>+14</sup>, WBZ<sup>+19</sup>, YYR21, ZWM<sup>+20</sup>, AWC09, CK05, HDW<sup>+08</sup>, HHK<sup>+21</sup>, LBOX12, SZ05, VMF<sup>+06</sup>]. **Large-Scale** [Hal16, MMES21, MEK<sup>+14</sup>, DFB<sup>+20</sup>, DKJS21, WBZ<sup>+19</sup>, YYR21, CK05, HDW<sup>+08</sup>]. **Latencies** [YLH<sup>+17</sup>]. **Latency** [HC17, LGKK22, PKI<sup>+18</sup>, EA08, ZSW<sup>+06</sup>]. **Latency-** [HC17]. **Latent** [Ili23, SDG10]. **Launch** [JPB17]. **Layer** [KCC13, WCXY15, CHLK11, CLP09, JGW<sup>+23</sup>, SPP11, WCR<sup>+06</sup>]. **Layering** [HLZ<sup>+17</sup>]. **Layout** [JDXD13]. **Lazy** [HWF<sup>+16</sup>, MSM<sup>+17</sup>]. **LC** [HC17]. **LDJ** [KLE20]. **LDM** [WMCJ16]. **LDPC** [QFS<sup>+17</sup>]. **Leading** [YXZ<sup>+23</sup>]. **Leakage** [LLT<sup>+20</sup>]. **Learned** [LHZ<sup>+23</sup>, WCW<sup>+22</sup>, WCCZ21]. **Learning** [AAB<sup>+23</sup>, ZWF22]. **Lerna** [SPR19]. **Letter** [Noh18]. **Level** [KHW<sup>+16</sup>, KMM<sup>+12</sup>, KCC13, PKI<sup>+18</sup>, ZHW19, LZY<sup>+24</sup>]. **Leveling** [LV17, WXS16, XK24]. **Leveraging** [DMS<sup>+16</sup>, HZN<sup>+19</sup>, LCR<sup>+21</sup>, ZLL19]. **LibPM** [MCR18]. **Lifecycle** [MLZG19]. **Lifetime** [MR16]. **Lightweight** [EEFM22, FLY21, SSWC14, XPZ<sup>+23</sup>, YWH<sup>+17</sup>]. **Like** [HCCK18, SSOT17]. **Line** [LXNL15]. **Linear** [ZYS<sup>+22</sup>]. **Linux** [GZXZ23, LADADL14, RBM13]. **Liquid** [LPR<sup>+19</sup>]. **Load** [IJK<sup>+17</sup>, YHJ13, QJM<sup>+09</sup>, WB05]. **loading** [NDR08]. **local** [NQX06]. **Localities** [LSKK16, DJC07]. **Locality** [KYL<sup>+20</sup>, PWLW21, ZYS<sup>+22</sup>]. **Locality-aware** [PWLW21]. **Localized** [ZHDL23]. **Locally** [KSCM23, KYL<sup>+20</sup>]. **Location** [SSWC14]. **Log** [BN16, KLC<sup>+23</sup>, WMCJ16, ZD21, ZZL<sup>+19b</sup>, WKC06]. **log-based** [WKC06]. **Log-Structured** [KLC<sup>+23</sup>, ZD21, ZZL<sup>+19b</sup>]. **Logging** [HGZ<sup>+22</sup>, MT09]. **LoneStar** [GNB16]. **Long** [ASM12, YYC<sup>+18</sup>, SKM<sup>+18</sup>, SGMV09]. **Long-Term** [ASM12, JAM<sup>+16</sup>, YYC<sup>+18</sup>, SKM<sup>+18</sup>, SGMV09]. **Loops** [SPR19]. **Loves** [KFPS20]. **Low** [LGKK22, TGL<sup>+18</sup>, Tri15]. **Low-Complexity** [Tri15]. **Low-cost** [TGL<sup>+18</sup>]. **LRCs** [KSCM23]. **LSM** [HAL<sup>+23</sup>, IBC<sup>+21</sup>, KLL<sup>+24</sup>, LCR<sup>+21</sup>, SXJ<sup>+24</sup>, TGL<sup>+18</sup>]. **LSM-Tree** [HAL<sup>+23</sup>, TGL<sup>+18</sup>]. **LSM-tree-based** [IBC<sup>+21</sup>, LCR<sup>+21</sup>, SXJ<sup>+24</sup>]. **Lustre** [CLZ<sup>+21</sup>]. **M** [LKE18]. **M-CLOCK** [LKE18]. **Machine** [AAB<sup>+23</sup>, ZCL<sup>+21</sup>]. **Made** [LZC<sup>+18</sup>]. **main** [LLZA05]. **mainstream** [MTH<sup>+08</sup>]. **Maintaining** [ZYS<sup>+22</sup>]. **Making** [SZS<sup>+12</sup>]. **Managed** [SHDA17, JGW<sup>+23</sup>]. **Management** [EEFM22, LGL22, LKB<sup>+17</sup>, LXC<sup>+22</sup>,

- PKI<sup>+18</sup>, SLZ<sup>+23</sup>, WLX<sup>+22</sup>, WLD21, YLRL22, YHJ13, ZCL<sup>+21</sup>, CK05, CHHH12, DJC07, GR09, HBL<sup>+06</sup>, LLZA05, MRZ<sup>+09</sup>, NDR08, TCL12, WB05, WHE12].
- Managing** [GR21, HF05]. **Manycores** [KHW<sup>+16</sup>]. **MAP** [WCXY15]. **Mapped** [PSX<sup>+21</sup>, SSHY16]. **Mapping** [ZRRW20].
- Massive** [GNB16, PWS17, YCY<sup>+20</sup>, ZCJ<sup>+20</sup>].
- Maximizing** [CBH<sup>+17</sup>]. **mean** [SG07].
- Measurements** [EHW23]. **Mechanism** [CWY<sup>+15</sup>]. **Mechanisms** [FQS<sup>+14</sup>]. **Media** [LB14, GSL<sup>+05</sup>, RDCS07, VJG08].
- Membrane** [SSR<sup>+10</sup>]. **Memories** [ZHSH23]. **Memory** [BAM<sup>+21</sup>, CNJ<sup>+20</sup>, CHL16, CZD<sup>+17</sup>, CSOL18, CCC<sup>+18</sup>, FCZ<sup>+23</sup>, GYX<sup>+22</sup>, HSL<sup>+18</sup>, HCCK18, HWC12, JCG<sup>+16</sup>, KAG<sup>+22</sup>, KSDC14, KLL<sup>+24</sup>, KCC13, LBN14, LKE18, LRZ<sup>+22</sup>, LHZ<sup>+23</sup>, LWC<sup>+22</sup>, LSS16, MCR18, MTH<sup>+08</sup>, PWLW21, PSX<sup>+21</sup>, SCW<sup>+20</sup>, SSHY16, SWY18, WLL<sup>+22</sup>, WCC15, WQR13, WH15, XK24, YCM<sup>+20</sup>, ZD21, ZCL<sup>+21</sup>, ZHZL23, ZCW<sup>+21</sup>, CK05, CLP09, GZXZ23, HKC06, JWK<sup>+10</sup>, LLZA05, SZS<sup>+12</sup>, WKC06, YYR21].
- Memory-Based** [CHL16].
- Memory-Mapped** [PSX<sup>+21</sup>, SSHY16].
- MEMS** [BLN09, HWB<sup>+06</sup>, HBL<sup>+06</sup>, KH10, RDCS07]. **MEMS-based** [BLN09, HWB<sup>+06</sup>, HBL<sup>+06</sup>, KH10, RDCS07].
- Merge** [KLC<sup>+23</sup>, ZD21, SPP11]. **Message** [Ano20, Ano23]. **Metadata** [CST<sup>+24</sup>, CYW<sup>+17</sup>, LGL22, WCC15, ZRRW20, ABDL07]. **Method** [QFS<sup>+17</sup>, WWJ<sup>+23</sup>, ZWF22]. **MFTL** [HWC12]. **Microarchitecture** [JCG<sup>+16</sup>].
- Microarchitecture-Aware** [JCG<sup>+16</sup>].
- Migration** [KKD<sup>+22</sup>, LKE18, LV17, MHS20, ZWG<sup>+23</sup>, SZ05].
- Migration-optimized** [LKE18].
- Milestones** [LXZ<sup>+23</sup>]. **Minimum** [PBV11].
- Mining** [LCZ05]. **Mirroring** [WMCJ16].
- misbehaviors** [YSEY10]. **Miss** [HWZ<sup>+18</sup>].
- Missteps** [LXZ<sup>+23</sup>]. **Mitigating** [LSZ19].
- Mitigation** [WWJ<sup>+23</sup>]. **Mixed** [PB14, TGL<sup>+18</sup>, VJG08]. **mixed-media** [VJG08]. **MLC** [HCCK18, HWC12].
- Mobile** [JPC<sup>+20</sup>, KH10]. **Modeling** [HWZ<sup>+18</sup>, KCLK21, NQX06, SHDA17, HBL<sup>+06</sup>]. **Models** [Des14, YLADAD23].
- Modern** [JMHS20, GW10]. **Modes** [PB14].
- Monitoring** [MTD<sup>+15</sup>, WBZ<sup>+19</sup>, YXZ<sup>+23</sup>].
- MOSFETs** [ST06]. **Movement** [JAM<sup>+16</sup>].
- MSST** [DH16, MT17]. **MTTDL** [IV15, ES14]. **MTTF** [SG07]. **Multi** [CLBB21, KPY17]. **Multi-Channel** [KPY17]. **Multi-objective** [CLBB21].
- Multicollective** [MKLC06]. **Multicore** [WCW<sup>+22</sup>]. **MultiLanes** [KHW<sup>+16</sup>].
- Multiresolution** [GGE<sup>+05</sup>]. **Multistream** [HA13, GB07]. **Mutations** [ZJP<sup>+18</sup>].
- Namespace** [CST<sup>+24</sup>, WDG<sup>+06</sup>]. **NAND** [CLHK10, JCG<sup>+16</sup>, LSKK16, LWC<sup>+22</sup>, PDZ<sup>+23</sup>, PKI<sup>+18</sup>, XWL<sup>+18</sup>, YLH<sup>+17</sup>].
- NANDFlashSim** [JCG<sup>+16</sup>]. **Nap** [WLL<sup>+22</sup>]. **NCQ** [YSEY10]. **NDP** [SXF21].
- Near** [LJFS17, LFH<sup>+17</sup>, SXF21, YLH<sup>+17</sup>].
- Near-Data** [SXF21]. **Near-Optimal** [LFH<sup>+17</sup>]. **Near-Perfect** [YLH<sup>+17</sup>].
- Near-Precise** [LJFS17]. **Need** [WZH<sup>+20</sup>].
- Nested** [WLL<sup>+19</sup>]. **Network** [JB05, SSOT17, TIM<sup>+18</sup>, WTZ<sup>+23</sup>, BBK<sup>+09</sup>, GSL<sup>+05</sup>, YC07]. **networks** [GGE<sup>+05</sup>]. **Next** [JMS22, PKI<sup>+18</sup>].
- Next-Generation** [PKI<sup>+18</sup>]. **NFS** [BBK<sup>+09</sup>, CBH<sup>+17</sup>]. **Nil** [GAR<sup>+22</sup>].
- Nil-external** [GAR<sup>+22</sup>]. **Nimble** [ZCJ<sup>+21</sup>].
- nine** [TZJW08]. **Niobe** [MTJ<sup>+08</sup>]. **Node** [SKM<sup>+18</sup>]. **Non** [BAM<sup>+21</sup>, YCM<sup>+20</sup>].
- Non-Volatile** [YCM<sup>+20</sup>, BAM<sup>+21</sup>].
- Nondeterministic** [SSWC14]. **Nonvolatile** [KLL<sup>+24</sup>, LBN14, MTH<sup>+08</sup>, WCC15]. **NOR** [CLHK10]. **note** [Lon12]. **Novel** [HSL<sup>+18</sup>].
- NUMA** [WLL<sup>+22</sup>]. **NVLSM** [ZD21].
- NVM** [CYW<sup>+17</sup>, LKB<sup>+17</sup>, WWW<sup>+18</sup>, XS18].

- NVMe** [GLSB18, KSL<sup>+</sup>23, LCR<sup>+</sup>21, LPS<sup>+</sup>23, LLYS23, LGKK22].  
**NVMe-over-Fabrics** [GLSB18].  
**NVMeVirt** [KSL<sup>+</sup>23]. **NVMM** [CLZ<sup>+</sup>21].  
**NVMM-Oriented** [CLZ<sup>+</sup>21]. **NVMs** [CST<sup>+</sup>24]. **NVRAM** [KSKN18, LV17].
- O** [CDW<sup>+</sup>22, CBH<sup>+</sup>17, GCD<sup>+</sup>22, HHFD17, HCO<sup>+</sup>17, JPB17, KR10, KDS20, LPS<sup>+</sup>23, LSZ19, MQRY11, MKLC06, SSHY16, WLX<sup>+</sup>22, WOJ<sup>+</sup>18, YXZ<sup>+</sup>23, YSEY10, ZXJ11]. **O-intensive** [QJM<sup>+</sup>09]. **Oasis** [ZWG<sup>+</sup>23]. **Object** [HJW15, ZWG<sup>+</sup>23]. **Object-based** [ZWG<sup>+</sup>23]. **objective** [CLBB21]. **Objects** [LSDW17, MBTM<sup>+</sup>22]. **Observations** [XWL<sup>+</sup>18]. **Obtaining** [GW10]. **Octopus** [ZCW<sup>+</sup>21]. **off** [NDR08]. **off-loading** [NDR08]. **Offline** [GNB16]. **Offloading** [CDW<sup>+</sup>22]. **Offs** [LCMZ15]. **One** [WZH<sup>+</sup>20, ZRRW20, ZZS<sup>+</sup>22]. **One-sided** [ZZS<sup>+</sup>22]. **One-Time-Access-Exclusion** [WZH<sup>+</sup>20]. **One-to-One** [ZRRW20]. **Online** [KMM<sup>+</sup>12, TCJ<sup>+</sup>11]. **only** [SZS<sup>+</sup>12]. **Open** [LSZ19]. **Open-Channel** [LSZ19]. **OpenSSD** [KLP<sup>+</sup>20]. **Operating** [SSR<sup>+</sup>10]. **Operation** [ASD15, TB09]. **Operations** [YCY<sup>+</sup>20]. **Optical** [YYC<sup>+</sup>18]. **Optimal** [AT13, GB07, HLZ<sup>+</sup>17, LFH<sup>+</sup>17, LFJ<sup>+</sup>17, NSKY21, Tos09, WSZ<sup>+</sup>10]. **Optimality** [KYL<sup>+</sup>20]. **Optimization** [CLBB21, JYZ<sup>+</sup>15, KCC13, MJW<sup>+</sup>14, STC23, YPU<sup>+</sup>23, YZJ<sup>+</sup>17, HDW<sup>+</sup>08, WCR<sup>+</sup>06]. **Optimize** [YCY<sup>+</sup>20]. **Optimized** [CDW<sup>+</sup>22, EKB<sup>+</sup>16, HAL<sup>+</sup>23, WLL<sup>+</sup>19, YFHW20, KAG<sup>+</sup>22, LKE18, SHWH12]. **Optimizing** [CYW<sup>+</sup>17, KH10, STZ10, SYK<sup>+</sup>11, TSWT22, DRK08]. **Oracle** [KFPS20]. **OrcFS** [YOL<sup>+</sup>18]. **Orchestrated** [YOL<sup>+</sup>18]. **Order** [WOJ<sup>+</sup>18]. **Ordered** [WCCZ21]. **Organization** [TB09]. **Oriented** [CLZ<sup>+</sup>21, CHHH12, LHZ<sup>+</sup>23]. **OS-Level** [KHW<sup>+</sup>16]. **OSDI** [BL22, LH21, AW23]. **OSDI'18** [ADV19]. **Other** [YZJ<sup>+</sup>17]. **Ouroboros** [LV17]. **Out-of-Core** [FCZ<sup>+</sup>23]. **Out-of-Line** [LXNL15]. **Output** [XOZ<sup>+</sup>20]. **Outsourced** [DFP<sup>+</sup>15, MNT06]. **Overhead** [LSZ19]. **Owner** [TLM<sup>+</sup>23]. **Owner-free** [TLM<sup>+</sup>23].
- P** [BLN09]. **P/PA** [BLN09]. **P/PA-SPTF** [BLN09]. **P2P** [HBP11]. **PA-SPTF** [BLN09]. **Page** [KLK17, LKE18, PDZ<sup>+</sup>23, YYM<sup>+</sup>18]. **Page-state-aware** [PDZ<sup>+</sup>23]. **Paired** [KLK17]. **Pannier** [LSDW17]. **PARAID** [WOQ<sup>+</sup>07]. **Parallel** [HGZ<sup>+</sup>22, KCC13, MQRY11]. **Parallelism** [BLN09, CHL16, XCR18]. **Parallelism-aware** [BLN09]. **Parallelizing** [SPR19]. **Parity** [WCJ<sup>+</sup>24, MJW<sup>+</sup>12, TCJ<sup>+</sup>11]. **Parity-based** [WCJ<sup>+</sup>24, MJW<sup>+</sup>12, TCJ<sup>+</sup>11]. **Partial** [ZLL<sup>+</sup>20]. **Patches** [May22]. **Path** [DMS<sup>+</sup>16, ZJP<sup>+</sup>18]. **Pattern** [KPY17, LXC<sup>+</sup>22]. **Pattern-Based** [LXC<sup>+</sup>22]. **Pattern-Change-Aware** [KPY17]. **Patterns** [SKM<sup>+</sup>18, MKLC06]. **PBS** [ZLL<sup>+</sup>20]. **PCIe** [LLYS23]. **PCM** [LLH<sup>+</sup>18]. **Penalty** [PWLW21]. **Penalty-Per-File** [DMS<sup>+</sup>16]. **Perfect** [YHL<sup>+</sup>17]. **Performance** [CST<sup>+</sup>24, CBH<sup>+</sup>17, CSY<sup>+</sup>14, Des14, EHW23, FCZ<sup>+</sup>23, GSS<sup>+</sup>18, GLSB18, HGZ<sup>+</sup>22, HCO<sup>+</sup>17, JPB17, KKZ05, KPY17, KCLK21, KCC13, LB14, LSKK16, LLZA05, LCMZ15, LCLX19, LZL<sup>+</sup>23, LFH<sup>+</sup>17, LWC<sup>+</sup>22, MJW<sup>+</sup>14, PDZ<sup>+</sup>23, PAL<sup>+</sup>17, QFS<sup>+</sup>17, SHDA17, SYK<sup>+</sup>11, TSWT22, TGL<sup>+</sup>18, VAM<sup>+</sup>19, WMCI16, XXL<sup>+</sup>11, XCK<sup>+</sup>14, YGJS21, YFHW20, ZXJ11, ZRRW20, ZDZ<sup>+</sup>21, ZHSH23, CHHH12, JB05, KR10, LCZ05, LHZ<sup>+</sup>23, MJW<sup>+</sup>12, STZ10, WKRP06, ZSW<sup>+</sup>06, ZHW19]. **Persistence** [LSS16]. **Persistent** [CNJ<sup>+</sup>20, CSOL18, CCC<sup>+</sup>18, CLZ<sup>+</sup>21, GZXZ23, HJW15, KSKN18, LRZ<sup>+</sup>22, LSS16,

- MCR18, SCW<sup>+</sup>20, WLL<sup>+</sup>22, ZD21, ZCL<sup>+</sup>21, ZHDL23, ZHSH23, ZCW<sup>+</sup>21, ZHW19].
- Persistent-memory-related** [GZXZ23].
- persistent-RAM** [WKRP06]. **Persisting** [WWW<sup>+</sup>18]. **Perspective** [CPW<sup>+</sup>15, HCO<sup>+</sup>17, SLXH23, WWW<sup>+</sup>18].
- Phase** [KSDC14, XK24]. **Pipelining** [LYL<sup>+</sup>21]. **Placement** [CLBB21, IJK<sup>+</sup>17, MEK<sup>+</sup>14, MMR<sup>+</sup>09].
- Plan** [NSKY21]. **Platform** [PYY19]. **PM** [HAL<sup>+</sup>23]. **PM-Based** [HAL<sup>+</sup>23]. **Policy** [EFM17, WZH<sup>+</sup>20, CHLK11, WSZ<sup>+</sup>10].
- Portable** [AEMWC<sup>+</sup>12]. **Portably** [THWD08]. **Possession** [EKB<sup>+</sup>16, ZB16].
- possible** [GS06]. **Post** [XPZ<sup>+</sup>23].
- Post-Deduplication** [XPZ<sup>+</sup>23]. **postal** [GSL<sup>+</sup>05]. **POTSHARDS** [SGMV09].
- Power**
- [KAG<sup>+</sup>22, YHJ13, NDR08, WOQ<sup>+</sup>07].
- power-aware** [WOQ<sup>+</sup>07].
- Power-optimized** [KAG<sup>+</sup>22]. **powered** [KH10]. **Practical**
- [KSCM23, KCLK21, LXZ<sup>+</sup>23, MHS20, NDR08, MTJ<sup>+</sup>08, MB12, EM05]. **Practice** [HLZ<sup>+</sup>17, MBTM<sup>+</sup>22]. **PRE** [MQRY11].
- PRE-BUD** [MQRY11]. **Precise** [LJFS17].
- Predictable** [LGKK22]. **Predicting** [Hal16]. **Prediction** [ZWF22]. **Predictive** [EA08, WM16]. **Prefetching**
- [JDXD13, LXC<sup>+</sup>22, GB07, MQRY11].
- presence** [DEH<sup>+</sup>08]. **Preservation** [YYC<sup>+</sup>18]. **PRESIDIO** [YPLG11].
- Preventing** [HSW09, YSEY10]. **Primary** [PP16]. **Principled** [YLADAD23].
- Priorities** [DKJS21]. **Private** [DFP<sup>+</sup>15].
- Proactively** [MTD<sup>+</sup>15]. **Process** [SWY18].
- Process-in-Memory** [SWY18].
- Processing** [FCZ<sup>+</sup>23, HSL<sup>+</sup>18, PY19, SXF21, ZZL<sup>+</sup>19a, HDW<sup>+</sup>08].
- Processing-in-Memory** [HSL<sup>+</sup>18].
- Production** [GSS<sup>+</sup>18, XOZ<sup>+</sup>20].
- Programming** [GR21, HCCK18, LPS<sup>+</sup>23].
- Programs** [FCZ<sup>+</sup>23]. **protect** [SDG10].
- Protecting** [MTD<sup>+</sup>15]. **Protection** [KLK17]. **Protocol** [AGL<sup>+</sup>18, MTJ<sup>+</sup>08].
- Protocol-Aware** [AGL<sup>+</sup>18]. **Prototype** [KLP<sup>+</sup>20, SS14]. **Provable** [EKB<sup>+</sup>16, ZB16]. **Provably** [CNS<sup>+</sup>18].
- Provably-Correct** [CNS<sup>+</sup>18]. **Provenance** [XMRF<sup>+</sup>13, HSW09]. **Provide** [HZN<sup>+</sup>19].
- Providing** [KHW<sup>+</sup>16]. **Provisioning** [IJK<sup>+</sup>17]. **PSA** [PDZ<sup>+</sup>23]. **PSA-Cache** [PDZ<sup>+</sup>23]. **Pumping** [LLH<sup>+</sup>18]. **Pyramid** [HCL13].
- QoS** [HKP09]. **Queries**
- [QZL<sup>+</sup>23, TLM<sup>+</sup>23, Tos09]. **Query** [SWY18]. **Queueing** [IJK<sup>+</sup>17].
- Queueing-Based** [IJK<sup>+</sup>17]. **quFiles** [VFNN10]. **Quick** [MHS20]. **quickly** [GW10].
- RACE** [ZZS<sup>+</sup>22]. **races** [THWD08]. **Rack** [YYC<sup>+</sup>18]. **Rack-based** [YYC<sup>+</sup>18]. **RAID** [IV15, BKPM10, DEH<sup>+</sup>08, ES14, GNB16, HHK<sup>+</sup>21, HM05, IHHE11, KZZ07, LS12, MR16, PBV11, PB14, Tri15, WXS16, WOQ<sup>+</sup>07, XXL<sup>+</sup>11, ZZL13]. **RAID-0** [WXS16, ZZL13]. **RAID-6** [IV15, LS12, PBV11, XXL<sup>+</sup>11]. **RAIDs** [TCJ<sup>+</sup>11, WCJ<sup>+</sup>24]. **RAIDShield** [MTD<sup>+</sup>15]. **RAIL** [LGKK22]. **RAM** [CCC<sup>+</sup>18, WKRP06, ZLL19]. **RAM-Based** [CCC<sup>+</sup>18]. **Random** [MEK<sup>+</sup>14, WLX<sup>+</sup>22].
- randomization** [WB05]. **Range** [QZL<sup>+</sup>23, Tos09]. **Rapid** [KLP<sup>+</sup>20]. **rate** [ASS05]. **rates** [SG07]. **Ratio** [HWZ<sup>+</sup>18].
- RB** [WWW<sup>+</sup>18]. **RB-Tree** [WWW<sup>+</sup>18].
- RDMA** [LHZ<sup>+</sup>23, LLYS23, SCW<sup>+</sup>20, WCCZ21, ZCW<sup>+</sup>21, ZZS<sup>+</sup>22].
- RDMA-Based** [WCCZ21].
- RDMA-conscious** [ZZS<sup>+</sup>22].
- RDMA-Enabled** [ZCW<sup>+</sup>21, SCW<sup>+</sup>20].
- RDMA-oriented** [LHZ<sup>+</sup>23]. **Reactions** [GAADAD17]. **Read** [KPY17, MJW<sup>+</sup>14, QFS<sup>+</sup>17, TGL<sup>+</sup>18].
- Read-Performance** [MJW<sup>+</sup>14].
- Read-Write** [KPY17]. **Read/Write**

- [TGL<sup>+</sup>18]. **Real** [KH20, WCR<sup>+</sup>06]. **Real-time** [KH20, WCR<sup>+</sup>06]. **realistic** [AADAD09]. **Realizing** [KLC<sup>+</sup>23]. **reallocation** [ABLM07]. **Rebuttal** [IV15]. **Reclamation** [KSGP17]. **Recon** [FSM<sup>+</sup>12]. **Reconfigurable** [NCP<sup>+</sup>22, SXF21]. **Records** [WLL<sup>+</sup>19]. **Recover** [RPA<sup>+</sup>21]. **Recoverable** [KSCM23, YCM<sup>+</sup>20, SGMV09]. **Recovery** [AGL<sup>+</sup>18, CNS<sup>+</sup>18, HGZ<sup>+</sup>22, HHK<sup>+</sup>21, XXL<sup>+</sup>11, YFWH20, ZLL19, HF05, WKC06]. **Redis** [PWLW21]. **Reduce** [JAM<sup>+</sup>16]. **Reducing** [HBP11, LKB<sup>+</sup>17, WZH<sup>+</sup>20]. **Reduction** [LLH<sup>+</sup>18, EA08]. **Redundancies** [HZQX13]. **Redundancy** [FLY21, GAADAD17, IHHE11, DEH<sup>+</sup>08]. **redundant** [TB09]. **Reed** [Tri15]. **Regenerating** [HBP11, LFH<sup>+</sup>17]. **regeneration** [YV05]. **REGISTER** [PYV19]. **regulatory** [PB05]. **Rekeying** [QLL17]. **Rekeying-Aware** [QLL17]. **related** [GZXZ23]. **Reliability** [ES14, Hal16, HM05, IV15, Ili23, JMHS20, LWC<sup>+</sup>22, MMES21, WMJC16, BKPM10, DEH<sup>+</sup>08, MJW<sup>+</sup>12, TB09]. **Reliable** [CWY<sup>+</sup>15, HCL13]. **remapping** [CLP09]. **Remote** [WCCZ21, ZB16]. **removable** [CHLK11]. **Reordering** [JPB17, AWC09]. **Reorganization** [ZCJ<sup>+</sup>20]. **Repair** [HLZ<sup>+</sup>17, HBP11, LYL<sup>+</sup>21, LFH<sup>+</sup>17, LFJ<sup>+</sup>17]. **Repairable** [KYL<sup>+</sup>20]. **Reparo** [HHK<sup>+</sup>21]. **Replacement** [HWF<sup>+</sup>16, LKE18, SZ05]. **Replacing** [LRZ<sup>+</sup>22]. **Replay** [HHFD17]. **replica** [MMR<sup>+</sup>09, YV05]. **Replicated** [AT13, GAR<sup>+</sup>22]. **Replication** [CZD<sup>+</sup>17, NB13, EA08, MTJ<sup>+</sup>08, SHWH12]. **Repositories** [ASM12]. **Reprogramming** [GYX<sup>+</sup>22]. **Request** [SYK<sup>+</sup>11, ZFX<sup>+</sup>18, BLN09]. **ReRAM** [HSL<sup>+</sup>18]. **ReRAM-Based** [HSL<sup>+</sup>18]. **Research** [KSL<sup>+</sup>23]. **Resemblance** [XPZ<sup>+</sup>23]. **Resident** [WLX<sup>+</sup>22]. **resilient** [YRLR22]. **resizing** [ZHW19]. **Resource** [CCC<sup>+</sup>18, VAM<sup>+</sup>19, CK05]. **Response** [AT13]. **restartable** [SSR<sup>+</sup>10]. **Rethinking** [AWC09, BKPM10]. **Retrieval** [AT13, Tos09]. **Reuse** [YYM<sup>+</sup>18]. **Reviewers** [Noh19, Noh21]. **Revisiting** [KAU12]. **Right** [YZJ<sup>+</sup>17, VFNN10]. **robin** [ZSXZ07]. **Robust** [EEFM22, GZH<sup>+</sup>18, VDV17].  **RocksDB** [DKJS21]. **ROS** [YYC<sup>+</sup>18]. **round** [ZSXZ07]. **round-robin** [ZSXZ07]. **RRAM** [SWY18]. **RRAM-Based** [SWY18]. **runtime** [FSM<sup>+</sup>12]. **SAN** [CSY<sup>+</sup>14]. **SATA** [HM05]. **Scalability** [JGW<sup>+</sup>23]. **Scalable** [ASS05, DFB<sup>+</sup>20, HHFD17, KLK<sup>+</sup>22, MEK<sup>+</sup>14, WLX<sup>+</sup>22, XK24, YHJ13]. **Scale** [GSS<sup>+</sup>18, Hal16, MMES21, MEK<sup>+</sup>14, SSVG13, VTHB18, WXH<sup>+</sup>16, ZCJ<sup>+</sup>20, CK05, DFB<sup>+</sup>20, DKJS21, HDW<sup>+</sup>08, WBZ<sup>+</sup>19, YYR21, WXH<sup>+</sup>16]. **Scaling** [ZZL13, ZSXZ07]. **Scan** [WLL<sup>+</sup>19]. **Scan-Optimized** [WLL<sup>+</sup>19]. **Schedulability** [YLADAD23]. **scheduler** [YSEY10]. **Scheduling** [ZFX<sup>+</sup>18, BLN09, VJG08]. **Scheme** [HCCK18, HHK<sup>+</sup>21, HC17, JSC20, JDxD13, KLK17, PDZ<sup>+</sup>23, WTZ<sup>+</sup>23, DEH<sup>+</sup>08, DJC07, Tos09, WHE12]. **Schemes** [HCL13]. **Science** [CHA<sup>+</sup>11]. **Scientific** [ASM12, LGL22, VMF<sup>+</sup>06]. **SCMFS** [WQR13]. **Scrubbing** [IHHE11]. **SD** [PB14]. **search** [GGE<sup>+</sup>05]. **Searchable** [TLM<sup>+</sup>23]. **Section** [AY21, AW23, ADV19, ADZ20, BL22, CK22, DP22, GN23, GR19, KKR20, LH21, MT20, NW21, Noh22, SZ23]. **Sector** [LL14, PB14, GW10, SDG10]. **Sector-Disk** [PB14]. **Secure** [BCQ<sup>+</sup>13, DMS<sup>+</sup>16, YCM<sup>+</sup>20, EM05, HSW09, LBOX12, MT09, SGMV09]. **Security** [SLXH23, HM05, NQX06]. **Seeding** [NSKY21]. **Seek** [SYK<sup>+</sup>11]. **Seek-Optimizing** [SYK<sup>+</sup>11]. **Selecting** [WSZ<sup>+</sup>10]. **Self**

- [CDW<sup>+</sup>22, JGW<sup>+</sup>23, HF05, THTT08]. **Self-Adaptive** [CDW<sup>+</sup>22]. **Self-managed** [JGW<sup>+</sup>23]. **self-managing** [HF05]. **self-tuning** [THTT08]. **Semantics** [KDS20, WDG<sup>+</sup>06, WSSZ07]. **Semi** [ZWF22, BFHR09]. **semi-structured** [BFHR09]. **Semi-supervised** [ZWF22]. **sensor** [GGE<sup>+</sup>05, LZYK<sup>+</sup>06]. **Separating** [LPG<sup>+</sup>17]. **Sequential** [LSKK16, GB07]. **Server** [FLY21, MHS20, WLC<sup>+</sup>22, ASS05, STZ10]. **Server-based** [FLY21]. **server-class** [STZ10]. **Servers** [SXF21]. **Service** [CLBB21, LZY<sup>+</sup>24, SSWC14, ZXJ11, ZLLH23, KFPS20]. **Services** [ZLQ<sup>+</sup>22, VJG08]. **Serving** [DKJS21]. **shadowing** [Rod08]. **Shared** [HA17, ZZL<sup>+</sup>19b, GB07, VJG08, WB05]. **shared-disk** [WB05]. **Shared-Everything** [ZZL<sup>+</sup>19b]. **Sharing** [CCC<sup>+</sup>18]. **ShieldNVM** [YCM<sup>+</sup>20]. **shifting** [PB05, WOQ<sup>+</sup>07]. **Shingle** [ZZW<sup>+</sup>17]. **Shingle-Aware** [ZZW<sup>+</sup>17]. **Shingled** [ASD15, JAM<sup>+</sup>16]. **Shuffle** [DFP<sup>+</sup>15]. **Side** [HA17]. **sided** [ZZS<sup>+</sup>22]. **similarity** [KR10]. **Simplifying** [MCR18]. **Simulation** [JCG<sup>+</sup>16]. **Single** [KPY17, SKM<sup>+</sup>18]. **Single-Node** [SKM<sup>+</sup>18]. **Size** [EEFM22, LS12]. **Sketching** [HHS<sup>+</sup>20]. **Skew** [YZ16]. **Skylight** [ASD15]. **SLAS** [ZXZ07]. **SLC** [HCCK18]. **SLC-Like** [HCCK18]. **Slicing** [MEK<sup>+</sup>14]. **SlimCache** [JSC20]. **SLO** [LJFS17]. **Slow** [GSS<sup>+</sup>18, LXZ<sup>+</sup>23]. **Small** [SYK<sup>+</sup>11]. **Smart** [GHWK15]. **SmartCon** [GHWK15]. **SmartFVM** [KLK<sup>+</sup>22]. **smartphones** [KAU12]. **SMR** [SHDA17, STC23, WLD21, XXD19, ZYWX22]. **SMR-aware** [STC23]. **Snapshots** [DS16]. **soft** [WCR<sup>+</sup>06]. **Software** [LCZ<sup>+</sup>19, LBOX12]. **Software-Defined** [LCZ<sup>+</sup>19]. **SolarDB** [ZZL<sup>+</sup>19b]. **Solid** [CHL16, GYX<sup>+</sup>22, LXC<sup>+</sup>22, SS14, SLZ<sup>+</sup>23, WCXY15, XCR18, ZWH<sup>+</sup>17, CHHH12]. **Solid-State** [CHL16, LXC<sup>+</sup>22, SS14, WCXY15, XCR18, SLZ<sup>+</sup>23, CHHH12]. **Solomon** [Tri15]. **Solution** [TGL<sup>+</sup>18]. **Solutions** [VTHB18, GS06]. **solving** [THWD08]. **SOPA** [WSZ<sup>+</sup>10]. **Sorting** [WH15]. **SOSP** [ADZ20, Noh22]. **Space** [HCL13, KSGP17, LRE22, VAM<sup>+</sup>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, XS18, YP19, ADAD07, Bak08, BF12, SW09, PWS17]. **Spectrum** [VTHB18]. **Speculation** [SPR19]. **Speculative** [ZLL<sup>+</sup>20]. **Spiffy** [SFW<sup>+</sup>20]. **Spin** [ST06]. **spintronics** [ST06]. **SPTF** [BLN09]. **SQL** [SWY18]. **SSD** [BKPM10, Des14, JMHS20, JMS22, KPY17, LPG<sup>+</sup>17, MR16, PYY19, QFS<sup>+</sup>17, WXS16, WLC<sup>+</sup>22, WMCJ16, YGJS21]. **SSD-Based** [WMCJ16, YGJS21]. **SSD-Conscious** [LPG<sup>+</sup>17]. **SSDPlayer** [YS17]. **SSDs** [CPW<sup>+</sup>15, HHK<sup>+</sup>21, IBC<sup>+</sup>21, KCLK21, LSKK16, LCR<sup>+</sup>21, LSZ19, MMES21, SPP11, WCJ<sup>+</sup>24, WHE12, XXD19, YLH<sup>+</sup>17]. **Stack** [SSOT17, TIM<sup>+</sup>18, WOJ<sup>+</sup>18, BADAD<sup>+</sup>08]. **STAIR** [LL14]. **State** [CHL16, GYX<sup>+</sup>22, LXC<sup>+</sup>22, SS14, WCXY15, XCR18, ZWH<sup>+</sup>17, CHHH12, HF05, PDZ<sup>+</sup>23, SLZ<sup>+</sup>23]. **Statistical** [WM16]. **Status** [WBZ<sup>+</sup>19]. **Storage** [AWK<sup>+</sup>20, AAB<sup>+</sup>23, AGL<sup>+</sup>18, AT13, BWV16, BN16, BCQ<sup>+</sup>13, CDW<sup>+</sup>22, CHA<sup>+</sup>11, CWY<sup>+</sup>15, CCC<sup>+</sup>18, CLBB21, CSY<sup>+</sup>14, DFB<sup>+</sup>20, FLY21, GAADAD17, GAR<sup>+</sup>22, GR09, GCD<sup>+</sup>22, GR21, GHWK15, GLSB18, Hal16, HHS<sup>+</sup>20, HA13, HA17, HDW<sup>+</sup>08, HC17, HCO<sup>+</sup>17, HWC12, HWZ<sup>+</sup>18, HZQX13, HCL13, IHHE11, IJK<sup>+</sup>17, Ili23, KHW<sup>+</sup>16, KLE20, KAG<sup>+</sup>22, KCMDM20, KSDC14, KKR20, KSL<sup>+</sup>23, KMM<sup>+</sup>12, KDS20, KFPS20, KLP<sup>+</sup>20, KLK<sup>+</sup>22, LB14, LKB<sup>+</sup>17, LXNL15, LJFS17, LCLX19, LYL<sup>+</sup>21, LWLS23, LZL<sup>+</sup>23,

**LFJ<sup>+</sup>17**, **LPG<sup>+</sup>17**, **LPR<sup>+</sup>19**, **MMES21**, **MJW<sup>+</sup>14**, **MHL<sup>+</sup>15**, **MEK<sup>+</sup>14**, **NSKY21**, **NCP<sup>+</sup>22**, **PSX<sup>+</sup>21**, **PWS17**, **PP16**, **PYY19**, **QLL17**, **SBMW17**, **SCW<sup>+</sup>20**, **SSHY16**, **SSOT17**, **SSWC14**, **SWY18**, **SFW<sup>+</sup>20**, **TSWT22**, **VTHB18**, **VDV17**, **WBZ<sup>+</sup>19**, **WCW<sup>+</sup>22**, **WLC<sup>+</sup>22**, **WLL<sup>+</sup>19**, **WM16**, **WOJ<sup>+</sup>18**, **WQR13**, **WTZ<sup>+</sup>23**, **XMRF<sup>+</sup>13**, **XXD19**, **XCK<sup>+</sup>14**, **XS18**, **YP19**, **YYC<sup>+</sup>18**, **YLADAD23**, **YOL<sup>+</sup>18**, **YPLG11**, **YHJ13**, **ZSW<sup>+</sup>06**, **ZXJ11**, **ZZL<sup>+</sup>19a**, **ZLL19**, **ZLL<sup>+</sup>20**, **ZLLH23**, **ZWG<sup>+</sup>23**, **ZLQ<sup>+</sup>22**, **ZFX<sup>+</sup>18**].  
**Storage** [ZT20, ZZL<sup>+</sup>19b, AAADAD12, BLN09, BADAD<sup>+</sup>08, BJD06, CK05, CHLK11, CCB07, DEH<sup>+</sup>08, DRK08, EM05, GGE<sup>+</sup>05, GSL<sup>+</sup>05, HWB<sup>+</sup>06, HBL<sup>+</sup>06, HKC06, HKP09, HM05, JB05, JHZK08, JBLF10, JWK<sup>+</sup>10, KR06, KKZ05, KH10, KAU12, LCZ05, LSZ09, LBOX12, MMR<sup>+</sup>09, MTH<sup>+</sup>08, MRZ<sup>+</sup>09, NDR08, RDCS07, SPADAD05, SGMV09, TZJW08, VMF<sup>+</sup>06, WCR<sup>+</sup>06, YC07]. **Storage-as-a-Service** [CLBB21]. **Store** [CZD<sup>+</sup>17, DKJS21, HJW15, KH20, LCR<sup>+</sup>21, LHZ<sup>+</sup>23, PSX<sup>+</sup>21, WCCZ21, ZD21, ZYWX22]. **Stores** [HAL<sup>+</sup>23, KAG<sup>+</sup>22, KLC<sup>+</sup>23, SXJ<sup>+</sup>24, YWH<sup>+</sup>17]. **Storing** [BFHR09]. **Strategies** [LB14]. **Strategy** [WXS16, CLHK10, XS09]. **Stream** [BYY<sup>+</sup>22, HDW<sup>+</sup>08, SHWH12]. **stream-informed** [SHWH12].  
**stream-processing** [HDW<sup>+</sup>08]. **Streaming** [ZCJ<sup>+</sup>20, ASS05, RDCS07]. **strictly** [Tos09]. **Strip** [LSZ09]. **Strip-based** [LSZ09]. **Stripe** [WXH<sup>+</sup>16]. **striped** [ZSXZ07]. **Strong** [GAADAD21, KLC<sup>+</sup>23, YC07]. **Structure** [SWY18, ZHW19]. **Structured** [KLC<sup>+</sup>23, WXS16, ZD21, ZZL<sup>+</sup>19b, BFHR09]. **Structures** [ZYS<sup>+</sup>22, LZYK<sup>+</sup>06]. **Study** [GCD<sup>+</sup>22, HGZ<sup>+</sup>22, KSDC14, LCZ<sup>+</sup>19, LADADL14, MMES21, SLXH23, VTHB18, ZT20, ABDL07, JHZK08, MB12, TZJW08]. **Subsumes** [LBN14]. **subsystem** [JHZK08]. **Subsystems** [SYK<sup>+</sup>11, HKP09, SZ05]. **Summary** [LWC<sup>+</sup>22]. **SUPA** [KPY17]. **Supercomputer** [XOZ<sup>+</sup>20]. **Supercomputers** [YXZ<sup>+</sup>23]. **supervised** [ZWF22]. **supplementary** [TCJ<sup>+</sup>11]. **support** [ASS05, SSR<sup>+</sup>10]. **Supporting** [TLM<sup>+</sup>23]. **Survey** [MH22]. **SWANS** [WXS16]. **Swap** [BCBS23]. **Switching** [GHWK15]. **Symmetric** [TLM<sup>+</sup>23]. **Sync** [WTZ<sup>+</sup>23, ZLQ<sup>+</sup>22]. **Synchronous** [LSZ19, NB13, SYK<sup>+</sup>11]. **Synchronous/Asynchronous** [NB13]. **System** [CST<sup>+</sup>24, CWG<sup>+</sup>19, CSOL18, CCC<sup>+</sup>18, GAADAD17, GZH<sup>+</sup>18, JYZ<sup>+</sup>15, KCMDM20, LRE22, LADADL14, MDAD<sup>+</sup>14, MH22, MHL<sup>+</sup>15, MMP<sup>+</sup>19, QLL17, SFW<sup>+</sup>20, WCC15, WM16, WQR13, YYC<sup>+</sup>18, YCM<sup>+</sup>20, YOL<sup>+</sup>18, YZJ<sup>+</sup>17, ZZW<sup>+</sup>17, ZJP<sup>+</sup>18, ZCJ<sup>+</sup>21, ZZL<sup>+</sup>19a, ZRRW20, ZLL<sup>+</sup>20, ZHSH23, ZFX<sup>+</sup>18, ZCW<sup>+</sup>21, AEMWC<sup>+</sup>12, ABDL07, AAADAD09, BBK<sup>+</sup>09, CCB07, FSM<sup>+</sup>12, HZN<sup>+</sup>19, JBLF10, JWK<sup>+</sup>10, NQX06, PB05, STZ10, SPADAD05, SGMV09, SSR<sup>+</sup>10, TZJW08, WKRP06, WSSZ07, ZIJ<sup>+</sup>06, GR09, SCW<sup>+</sup>20]. **Systematic** [LFJ<sup>+</sup>17]. **Systematically** [MMP<sup>+</sup>19]. **Systems** [AWK<sup>+</sup>20, AAB<sup>+</sup>23, BN16, CWY<sup>+</sup>15, CYW<sup>+</sup>17, CCC<sup>+</sup>18, GR21, GNB16, GSS<sup>+</sup>18, Hal16, HGZ<sup>+</sup>22, HWC12, HBP11, HCL13, IHHE11, IJK<sup>+</sup>17, Ili23, JMHS20, KSDC14, KXK<sup>+</sup>20, KSL<sup>+</sup>23, KKD<sup>+</sup>22, KLP<sup>+</sup>20, LHZ<sup>+</sup>23, LZL<sup>+</sup>23, LSZ19, MMES21, MJW<sup>+</sup>14, MEK<sup>+</sup>14, PWS17, PB14, SSWC14, SLXH23, VAM<sup>+</sup>19, VTHB18, WBZ<sup>+</sup>19, YP19, YLADAD23, YHJ13, ZJQ<sup>+</sup>15, ZDZ<sup>+</sup>21, ZWG<sup>+</sup>23, AAADAD12, BJD06, CK05, DEH<sup>+</sup>08, HDW<sup>+</sup>08, HWB<sup>+</sup>06, HBL<sup>+</sup>06, HKC06, HM05, KR06, KKZ05, KH10, LSZ09, MMR<sup>+</sup>09, MQRY11, MTH<sup>+</sup>08, MRZ<sup>+</sup>09, RDCS07, SSR<sup>+</sup>10, TPM<sup>+</sup>11, WKC06]. **SYSTOR** [YP19, DdL18]. **Tail** [LGKK22, YLH<sup>+</sup>17]. **Tails** [IBC<sup>+</sup>21].

**Targets** [PKI<sup>+</sup>18]. **TDDFS** [CWG<sup>+</sup>19].  
**Technical** [GR19]. **Technique**  
[XK24, MKLC06]. **Techniques**  
[WM16, ZT20]. **Technology** [PWS17].  
**Temperature** [SSVG13]. **Templates**  
[ZWM<sup>+</sup>20]. **Temporal**  
[LSKK16, MHL<sup>+</sup>15, DJC07]. **Term** [ASM12,  
JAM<sup>+</sup>16, YYC<sup>+</sup>18, SKM<sup>+</sup>18, SGMV09].  
**Testing** [MMP<sup>+</sup>19]. **TH** [SCW<sup>+</sup>20].  
**TH-DPMS** [SCW<sup>+</sup>20]. **Thanking** [Noh21].  
**Their** [YGJS21]. **them** [SDG10]. **Theory**  
[HLZ<sup>+</sup>17, MBTM<sup>+</sup>22, YPU<sup>+</sup>23]. **Thermal**  
[GS06]. **Thread** [YLADAD23]. **Three**  
[JGW<sup>+</sup>23]. **Three-layer** [JGW<sup>+</sup>23].  
**Threshold** [LWC<sup>+</sup>22]. **throughput**  
[ZSW<sup>+</sup>06]. **Tier** [CWG<sup>+</sup>19]. **Tier-Aware**  
[CWG<sup>+</sup>19]. **Tiered**  
[GR21, IJK<sup>+</sup>17, ZHSH23]. **Tiering**  
[KSDC14, XXXD19]. **Time** [AT13, EHW23,  
WZH<sup>+</sup>20, KH20, PB05, VFNN10, WCR<sup>+</sup>06].  
**time-shifting** [PB05]. **Tiny**  
[MBTM<sup>+</sup>22, YLH<sup>+</sup>17]. **Tiny-Tail**  
[YLH<sup>+</sup>17]. **TinyLFU** [EFM17]. **TLC**  
[GYX<sup>+</sup>22]. **Tolerance**  
[GAADAD17, KYL<sup>+</sup>20, LSZ09]. **tolerant**  
[ASS05, EM05]. **Tolerating** [LL14]. **Tools**  
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