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1 [BDL⁺21, LP20a, LP20b]. **114** [Ekh24].
11510 [Koo20]. **'14** [CLLR21]. **16** [SSW21].
1and [LP20a].

(k, l, m) [YF22]. $(k, n, 0, 1, 1)$ [JK21b].
 (t, s, k, n) [LZW⁺21]. **1** [PPS21]. 192
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[JKM21, MWVK21]. 360 [LLA⁺21]. **5**
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[CWS⁺21, KLC22, SSvW20]. l [HJHZ22].
 $n \times n$ [SSvW20]. P^2 [VD21a]. q
[jSZyW⁺20, VCP21]. Σ [BLG21].

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RN22, VKV⁺22, Zak21a, ZZC⁺21, JYMP⁺20, JYH⁺20, KG20b, Sar21, WLZY21, YC22a, ZXQ⁺21, ZWYL22]. **Applications** [ACD20, ADS21, ErEE20, FWR⁺20, HLJW22, JSS20, JZD21, KPG⁺20, KJJ⁺21, LYX⁺22, PPS21, PI21, PCV⁺21, QAQA21, RK21, WZXX20, AKY20, Ano21b, BMDE21, DK21, Lap22, OK22, RH20, SA21, jSZyW⁺20, TITN20, VD21b, ZWT22]. **Approach** [BKS22, BSS⁺22, DZW⁺21, GXSC21, GWF⁺21, Kad21, KSA⁺21, KSM22, LEBM20, RR21, WYLG21, LFJ⁺20, LHS⁺22, MTA⁺22]. **Approaches** [SVK⁺22, WWC⁺20]. **Arbiter** [MMM⁺22]. **architect** [Raw20]. **Architectural** [ABM21]. **Architecture** [AMGBK22, FSK⁺22, Goo21, JMKM21, KKM21, MHS⁺20, PPR⁺20, SKB⁺22, VAV⁺20, ZQY⁺20, ZHM20, Ano21b, GDA⁺21, LGNEAO20, MS21a, MII22]. **Architecture-Neutral** [ZHM20]. **Architectures** [BCLR22, GRA21, UMM⁺20]. **Area** [BL22a, MS21a, WHF⁺20, ZQY⁺20, ZJZL20, DK21, FBD⁺20, RO22]. **Area-Efficient** [ZQY⁺20, MS21a]. **Arguments** [YD21]. **ARIBC** [Gou21]. **ARIES** [BDM⁺20]. **Arithmetic** [EPG⁺20, GXSC21, GXS⁺22, LIJ20]. **ARM** [ZYD⁺20, ESA21, ZY20]. **ARM-Based** [ZYD⁺20, ESA21]. **Arnold** [JKM21]. **Art** [AZH22, BGG⁺22, Kha21, ZCJ⁺21]. **Artifacts** [CGZ20]. **Artificial** [DZW⁺21, Gok22, GAGV⁺21]. **ask** [CC21b]. **Aspects** [BS21]. **Assessment** [Kad21, NPH⁺20, RNR⁺21]. **assets** [WHJ20]. **assisted** [Bra22, CDG⁺20, Gyo20, HN22, NBJ21, WGYZ22, XLL⁺21, ZZQ21]. **Associated** [BSS⁺22, PCMPCA⁺20]. **Assumption** [DG21]. **Asymmetric** [HRX⁺21]. **Asymptotic** [ZY21]. **Asynchronous** [BCP20]. **Attack** [BMBM20, LMH⁺21, RBM21, Sun22, ESA21, Goo23, NAB22, ST21, ZXY20, ZCWW21].

Attacker [ZJZL20]. **Attacks** [AMGBK22, AAI⁺20a, AAI⁺20b, ABM21, BNB20, BBB⁺23, DCSA22, FZL⁺20b, HYK⁺20, JIR⁺21, KHV20, LYEK22, LLT⁺20, LC22, LWS⁺21, LQD22, LZX⁺22, LZJZ21, LWS⁺20, MG21, ODK20, OLZ⁺20, RNR⁺21, SGZS21, WYZZ21, WCD21, YC22b, YCL⁺20, ZZX⁺21, ZLD⁺20, ZSD⁺21, GAGV⁺21, PM21, RFT22, LT22, SI22, STK20, ZWW⁺21, ZZQ21, ZYX⁺20, ZWYL22]. **Attention** [LWL⁺21, WCYL20, YLZ⁺22]. **Attribute** [LHW21, LYZ⁺22, LAKWC21, SHHM21, SLL⁺21, SZM22, ZDX⁺20, ZJK⁺22, AMSL20, BKL⁺20, CKV22, DSDR22, GLZZ20, KS20, LTTT20, RR20, TWH⁺21, ZZ21b, ZZQ21]. **Attribute-Based** [LHW21, LYZ⁺22, SHHM21, LAKWC21, SZM22, ZDX⁺20, ZJK⁺22, AMSL20, DSDR22, GLZZ20, KS20, LTTT20, TWH⁺21, ZZ21b]. **attribute-order-preserving-free** [CKV22]. **Attributes** [VKKG22]. **Audio** [NPG⁺22, JYH⁺20, SPJ20]. **Audiovisual** [VKV⁺22]. **auditable** [RR20]. **Auditing** [LLLZ21, LWS⁺20, SZC⁺21]. **AUGChain** [PCC22]. **Augmentation** [SNS⁺20]. **augmented** [PM21]. **Authentic** [Fre21]. **Authenticated** [Bra22, LZ22, LHY⁺21, SJHL21, TMKS20, VSMW22, BKL⁺20, CDG⁺20, JJK⁺21, NA20a, QC22b, SWZ22, WGYZ22, XWW⁺20]. **Authenticating** [Dru21, JLZ⁺20]. **Authentication** [AAK⁺21, AFS⁺22, Alb21, ADS21, ATS⁺21, AS22, AALG22, ADA⁺22, BAR⁺21, BVG22, BKM21, BB22, CIY⁺21, CXZ⁺21, CHWM21, CN21, DR20, EZBC22, EAH021, FFK⁺22, GPPB⁺21, Gua21, GVM⁺20, GMS⁺20, HLS⁺21, HOV20, JK21a, JKI⁺21, JJKJ20, Jov20, KHV20, KKBL20, LHZZ20, LTDZ22, LXZ⁺22, LYCW20, MWVK21, MS22a, NRS20, QC22a, SSP21, SCR20, SLL⁺21, SWCS21, SLLC21, Sun22, TCH21, VD21a, VKV⁺22, WWW20, WCQ⁺20, WYLG21, WDL21, WH22, XZL20, XTHL21, ZYH⁺20,

ZSS⁺22, ZAK⁺21b, ZYA⁺22, ZOZ21, ZJK⁺22, AKM21a, ABMPL22, AK20, AP21, AAH22, AHB21, ABK⁺20, ABB22, BBTC20, BGCL20, Bra21, CXC⁺22, CRJ⁺22, CC21a, CBN⁺20, DK21, Elt22, FA21, FBD⁺20, GL22, GJS20, GZG20, GWZ⁺20, GDZL21, GZG22, HBO21, HMT⁺20, JZWX20, KK20, KG20b, KSC⁺22, KMK22, KSS⁺20, LCZL21, LWGW21, MCF⁺22, MYF20, MAOH21, MII22, MIB22, MBB22]. **authentication** [MS22b, NA20b, NCM22, OK21, PCC22, PGCK22, PA21, RAN22, RO22, RSB22, SRD21, SA21, SP22a, SP20a, SP22b, SWK⁺20, TLS⁺20, TKP21, VVPM21, VD21b, WHSX20, WWC⁺20, WZZW20, WYZZ21, WDKV20, WMK22, XZL⁺22, XLL⁺21, XWM21, YM21, YHC20, YFW20, ZCJ⁺21, ZM20, ZZ21b, ZZhC22, uHWZ20]. **Authentication-Based** [GMS⁺20]. **Authenticator** [MUK22]. **Authenticators** [TB21]. **Authenticity** [BKP22]. **authorities** [GLZZ20]. **Authority** [WZX20, XJ20, ZWG⁺20, TWH⁺21, ZGL⁺20]. **Authorization** [ASMK22, KKBL20, LZG⁺21, SLL⁺21, AP21, CBN⁺20, LWSQ21, RDS⁺22]. **Automated** [BRPM22, BCLR22]. **Automatic** [FYY⁺21]. **Automation** [MDD⁺21]. **automotive** [VVPM21]. **Auxiliary** [LMG20, LZ22]. **Auxiliary-Input** [LMG20]. **Avatars** [JJKJ20]. **AVR** [wPHC21]. **AVR-based** [wPHC21]. **Aware** [CHWM21, FLYL21, ABK⁺20, DAK⁺20a, LZYZ21, SHB22, TMG⁺21, AAK⁺21]. **AWS** [TRV20].

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[JCKH22, YM21]. **Based** [AAI⁺20a, AAI⁺20b, Alb21, ATS⁺21, ASLB20, BAR⁺21, BSS⁺22, BL22a, BDL22, CCT⁺20, CCKH21, CZC22, CN21, CTM22, DR20, DZW⁺21, EZBC22, FZL⁺20a, FZH21, FZL⁺20b, FAIS⁺22, GA22, GPPB⁺21, GNGT21, Gou21, GMS⁺20, JKI⁺21, JKM21, KS21a, KHM20, KKM21, LHHW22, LWL⁺21, LLLZ21, LZYZ21, LXZ⁺22, LSQ20, LMH⁺21, LLP⁺20, LYY⁺21, LLA⁺21, LHW21, LZW⁺21, LQD22, LYZ⁺22, MUK22, NPG⁺22, PPR⁺20, PYC21, QGL⁺22, RN22, RR21, SGB20, SHHM21, SZC⁺21, SJHL21, STJ⁺21, SZX20, TSAS22, TZLZ21, TCH21, UMM⁺20, VAV⁺20, WLL20, WHC20, WL21, WHW22, WDL21, WZX20, XCV22, XPR⁺22, YC22b, YDS⁺20, YLZ⁺22, ZQY⁺20, ZYD⁺20, ZSS⁺22, ZWG⁺20, ZZX⁺21, ZYW⁺20, ZHM20, ZBT22, ABMPL22, ABR⁺21, ABM21, AK20, AMSL20, AP21, AAA20, AHB21, ADA⁺22, ABB22, BBTC20, BKL⁺20, BGCL20, CXC⁺22, CBE21, CIY⁺21, CGJ20, CXZ⁺21, CLH⁺21, CC21a, DAK⁺20a, DSP20, DK21, DAK20b]. **based** [DG21, DRS⁺22, DSDR21, DSDR22, ESD⁺22, ESW21, EKW22, ESA21, FLTQ20, FWZ⁺20, FA21, GJS20, GZG20, GLZZ20, GWZ⁺20, GDZL21, HRX⁺21, HON21, HYK⁺20, HJHZ22, JFK20, Jov20, KS21b, KMT20, KSSR20, KSK20, KCML20, KG20b, KMK22, KSS⁺20, KS20, LYEK22, LGNEAO20, LTTT20, LPLL20, Lee21, LNE⁺20, LLX⁺20, LHZZ20, LCZL21, LYSC21, LTDZ22, LGCY22, LWSQ21, LXG21, LHO⁺20, LKX20, LGT⁺20, LAKWC21, MYF20, MMM⁺22, MAOH21, MBK⁺21, MIB22, MOP21, MCLL21, NA20b, NCM22, PCC22, wPHC21, PCV⁺21, PNJ⁺22, PGCK22, RFT22, RR20, RAN22, RO22, RHCB21, RYM21, RDS⁺22, SPJ20, SA21, SSP21, SP22a, Sar21, SKW⁺21, SYD21, SGZS21, SLZ⁺21, SCZ⁺20, SWZ22, SP22b, SK21, SP20b, SZM22, SMS⁺20, TSR⁺20, TW21, TADS20, TGC⁺21, TSG21,

TLS⁺20, TWH⁺21, UAACH21, VD21a, WHSX20, WHF⁺20, WCZQ20, WCX21, WDJZ22, WCXW22, WDKV20, XRL⁺21, XZL⁺22, XLL⁺21, YC22a]. **based** [YFW20, YF22, YH22, YGW⁺20, YZL22, ZCJ⁺21, ZDX⁺20, ZZ21b, ZGL⁺20, ZKY21, ZJZL20, ZYX⁺20, ZXQ⁺21, ZWYL22, ZJK⁺22, ZWz⁺22]. **BASN** [WCYL20]. **BASN-Learning** [WCYL20]. **batch** [SLS⁺20]. **Batteries** [LV21]. **BC** [LC22]. **Be** [ABM21, LHW21, RBVV22]. **Behavioral** [Fer21, ZAK⁺21b]. **Behind** [ASV⁺21, Mar20a, CIY⁺21]. **Belief** [RR21]. **Best** [BL22b, JZD21]. **Bet** [Ano21a]. **Better** [BGH⁺22, CPN⁺21]. **between** [EMS21, FA21]. **Beyond** [AS22, SGZS21, Ano21b]. **Bézout** [BL22b]. **Bi** [LWL⁺21]. **Bi-LSTM** [LWL⁺21]. **Bias** [HSHC20]. **Big** [Ano21a, DC20, GQZ21, LLLZ21, SZC⁺21, SLL⁺21, TRB⁺21, WYLG21, XCV22, AKY20, SAY20, TSR⁺20]. **Bilinear** [ZYW⁺20]. **Billing** [EAHO21]. **BIM** [CTM22]. **Binary** [FGC22, WCYL20]. **Binding** [WZXX20, SP22a]. **Bio** [SAS21, BGCL20, NA20a]. **Bio-AKA** [BGCL20]. **Bio-Puf-Mac** [NA20a]. **Bio-signal** [SAS21]. **Bioinformatics** [WNK20]. **Biometric** [ANG20, AFS⁺22, BB22, CXZ⁺21, CN21, DD20, Dru22, Gok22, KPG⁺20, PPR⁺20, SP21, VK22, ZYH⁺20, GJS20, KK20, MIB22, SK20a, Sar21, TLS⁺20, TTP20]. **Biometric-Based** [CN21, GJS20, Sar21, TLS⁺20]. **Biometrics** [RLZ⁺21, GBG20, KK20, NA20a]. **Bit** [ZJZL20, GN25, Pan20, wPHC21]. **Bit-time-based** [ZJZL20]. **bitcoin** [WHJ20, WYZ⁺20]. **Bits** [SHB20]. **Bitstream** [HYK⁺20]. **Black** [ZWG⁺20]. **Black-Box** [ZWG⁺20]. **Bletchley** [Mar20a, Mcl20, Tur20]. **Blind** [CZC22, DM20, DST20, Nar22, SP20b]. **Blinded** [BMBM20]. **Blindfolded** [AHSL22]. **Block** [BVG22, DH20, HLJW22, JDZ⁺21, LC22, RMMH22, RMA⁺20, LT22]. **Blockchain** [AMGBK22, AAKJ22, Ano21b, AHWB20, BL22a, BDL22, CTM21, CTM22, GPPB⁺21, GDA⁺21, GWF⁺21, HV20, HHO⁺21, KTCI21, KAS⁺22, KLZ⁺21, LGCY22, LHO⁺20, LLP⁺20, NPG⁺22, PPR⁺20, PYC21, PSGM22, STG⁺20, SZM22, TADS20, TSY⁺21, TS20, WCX21, WL21, WHW22, Yiu21, FCH21, FA21, LCZL21, MBK⁺21, PCC22, Sar21, TGC⁺21, VD21b, XZL⁺22, XLL⁺21, YC22a, YZL22, SHB22]. **Blockchain-aided** [SZM22]. **Blockchain-Based** [BL22a, BDL22, LLP⁺20, NPG⁺22, LGCY22, LHO⁺20, WCX21, PCC22, Sar21, XZL⁺22, XLL⁺21, YC22a]. **Blockchain-empowered** [TSY⁺21]. **Blockchained** [CKFH22]. **Blowfish** [CAN⁺21]. **board** [Lew20]. **Body** [WHF⁺20, DK21, FBD⁺20, RO22]. **Boolean** [KCML20, KSM22, YYZ⁺20]. **botnets** [PCK20]. **bound** [YHC20]. **bounded** [TW21]. **Bounds** [HY20, AARV21]. **Box** [ZWG⁺20, BR22, LZX⁺22, LKX20]. **boxes** [HLJW22, KG20a]. **Brahmagupta** [CBJ22]. **Brainwaves** [ZYH⁺20]. **Branch** [BMBM20, CY22, LIS20]. **Breaking** [BGG⁺22, Mar20a, McC24]. **breakout** [Lew20]. **Brief** [GRA21]. **broadcast** [LTTT20, ZGL⁺20]. **Broken** [HLS⁺21]. **Browser** [AALG22]. **Brushstroke** [FYY⁺21]. **BTMonitor** [ZJZL20]. **Bug** [ZMR21]. **Building** [CTM22, SWLL21]. **Built** [MHS⁺20]. **Built-in** [MHS⁺20]. **Bus** [SGZS21]. **Bus-based** [SGZS21]. **ByteSGAN** [WWYC21]. **Byzantine** [BCP20, TMKS20]. **C** [BBG⁺20]. **Cache** [SGZS21, YC22b, vSMK⁺20, ESA21, SAY20]. **cache-oblivious** [SAY20]. **CacheHawkeye** [YC22b]. **CacheOut** [vSMK⁺20]. **Caches**

[TSFS21]. **Caching** [WQL⁺21]. **CAD** [NPH⁺20]. **Camera** [TTL⁺21]. **Camouflaging** [ISK21]. **Can** [ABM21, LA22]. **cancelable** [KK20]. **cancellable** [TTP20]. **cancellations** [cC21c]. **can't** [Hon22]. **Capability** [Gua21, ABB22]. **capacity** [GSS⁺20]. **car** [GZG20]. **Carcinoma** [BSS⁺22]. **card** [YHC20]. **care** [FBD⁺20, RO22]. **Career** [McI21]. **Carrier** [LWZ⁺21]. **Cascade** [DR20]. **Case** [XPR⁺22, Pau21b, RIW22]. **casino** [Ano21b]. **Cat** [JKM21]. **Cayley** [SSvW20]. **CBC** [HIMM20]. **CC** [Elt22]. **CCA** [CLT22, HYZ⁺20b, LHAM20, LLHG22, MH21a, SZFX20, ZQY⁺22]. **CCA-Almost-Full** [MH21a]. **CCA-secure** [LHAM20, SZFX20, HYZ⁺20b, LLHG22]. **CCA2** [LSX⁺21]. **CDF** [RN22]. **CDF-DWT** [RN22]. **CDS** [AA20b]. **Celebrates** [Ano24, Mar24]. **Cell** [FSN21, RSB22]. **cellular** [DSP20, Jov20]. **Centered** [VKV⁺22]. **Centric** [CAN⁺21, ODK20, FZ21]. **Ceremonies** [HLS⁺21]. **Certifiable** [BCM⁺21]. **Certificate** [ZYW⁺20, ZXQ⁺21]. **Certificate-Based** [ZYW⁺20, ZXQ⁺21]. **Certificateless** [CJS⁺20, LSY⁺20, LWS⁺21, SZFX20, WHW22, GWW⁺22, JHS⁺21]. **Certificates** [WQL⁺21]. **certified** [uHWZ20]. **Cesàro** [Cia22]. **CETAnalytics** [DZL⁺20]. **Chaff** [DKJ⁺21]. **Chaff-less** [DKJ⁺21]. **Chain** [CTM21, RNR⁺21, RMMH22, Yiu21, GWZ⁺20, ZAR⁺22]. **chains** [Elt22]. **Challenges** [AS22, AAKJ22, EFPS⁺22, HLG21, HD22, JSS20, KTCI21, KPG⁺20, Kha21, MS21c, PCK20, PSGM22, SVK⁺22, SYKL21, YAZ21, Jov20, ZCJ⁺21]. **Challenging** [ABMPL22]. **change** [McI20]. **changeable** [MMHX20]. **Changing** [MMM⁺22]. **Channel** [ABM21, AAT⁺21, BKS22, VDK⁺21, FZL⁺20b, FAIS⁺22, HMLZ21, HPGM20, JCKH22, KLR⁺20, LQD22, PYSJ22, RAD20, XPR⁺22, YC22b, ZYD⁺20, Bis21, DCSA22, EIO20, JFK20, LTTT20, LZJZ21, NPH⁺20]. **Channels** [GNGT21, JLZ⁺20, LWH⁺22, ZAK⁺21b, CMR⁺21, VVPM21]. **Chaos** [SK21]. **Chaos-based** [SK21]. **Chaotic** [ANG20, PPS21, TSAS22, KSSR20, LYSC21, LKX20, MII22, MIB22]. **Characteristic** [ZZC⁺21]. **Characteristics** [FZL⁺20a, AK20, LGT⁺20]. **characterizability** [KKP21]. **Characterization** [MMM⁺22]. **Charging** [EAHO21]. **Chasing** [cC21c]. **Chat** [WH22]. **Chebyshev** [MII22, MIB22]. **Checks** [ABR⁺21]. **Chest** [CXZ⁺21]. **ChestLive** [CXZ⁺21]. **Chip** [HMLZ21, LA22, SGZS21]. **Chip-Free** [HMLZ21]. **Chiplets** [NAP⁺20]. **Chosen** [DRS⁺22, LP20a, LP20b, Sun22, XPR⁺22, ZYX⁺20]. **Chosen-ciphertext** [DRS⁺22, ZYX⁺20]. **Chosen-Prefix** [LP20a, LP20b]. **CIoT** [WDKV20]. **Cipher** [JDZ⁺21, LC22, MG21, Pau21b, FNC22, SSW21]. **Ciphers** [BKS22, DH20, FBH⁺22, HPGM20, HLJW22, LLAL22, Mar24, RMA⁺20, LT22]. **Ciphertext** [SHHM21, SZFX20, DRS⁺22, LTTT20, SMS⁺20, ZYX⁺20]. **Ciphertexts** [XPR⁺22, ZGL⁺20]. **CirclePIN** [GVM⁺20]. **Circuit** [LXZ⁺22, LQD22]. **Circuits** [AMR⁺20]. **Citation** [CGZ20]. **cities** [DAK20b, GJS20, OK21, SP20a, SLS⁺20]. **CJSpector** [YYH22]. **Class** [WDFN21]. **classes** [LHS⁺22]. **Classic** [Lew21, cC21c]. **classical** [HLSC20a, HLSC20b]. **Classification** [ASV⁺21, AOM⁺21, BKM21, FZL⁺20b, ACMP21, ASV⁺22, CWE⁺21, DZL⁺20, GDA⁺21, LHS⁺22, LXG21, WWYC21, YGW⁺20, ZAR⁺22]. **classifier** [ZAR⁺22]. **Classroom** [Fag20]. **client** [GJCJ20, LLH⁺21]. **client-side** [GJCJ20]. **Cloaking** [WHC20]. **clone** [SP20a]. **Closure** [AARV21]. **Cloud** [AG22a, AAI⁺20a, AAI⁺20b, BCLR22, CIY⁺21, CLZG22, CWS⁺21, CDF⁺21, FWCB22, GQZ21, LYDZ21, LZG⁺21, RK21,

SHHM21, SLL⁺21, SZX20, TRRB20, WGYZ22, ZDX⁺20, ABC⁺21, AKY20, AP21, AGV22, CDG⁺20, CKV22, GLZZ20, HN22, HBO21, KLC22, KMK22, KS20, LYSC21, NBJ21, PK21, RR20, Raw20, RCF⁺21, SP22a, SLS⁺20, SP22b, UAACH21, VPK20, WDKV20, XWM21, YZL22, ZWW⁺21, ZZQ21, ZLC⁺20, ZXQ⁺21, LWGW21]. **cloud-aided** [SLS⁺20]. **Cloud-assisted** [WGYZ22, CDG⁺20, HN22, NBJ21]. **Cloud-Based** [AAI⁺20a, AAI⁺20b, CIY⁺21, AP21, WDKV20]. **cloud-enabled** [AKY20, CKV22]. **cloud-healthcare** [KMK22]. **cloud-to-things** [XWM21]. **clouds** [BKL⁺20, CC21a, SCZ⁺20]. **cluster** [ABB22]. **cluster-based** [ABB22]. **Clustering** [CKKH21, CGJ20]. **Clusters** [PL22]. **CNN** [LWL⁺21, LTDZ22]. **CNN-based** [LTDZ22]. **Co** [ZHL⁺21]. **Co-Design** [ZHL⁺21]. **CoAP** [KG20b]. **CoAP-based** [KG20b]. **Code** [CZC22, CGZ20, EPG⁺20, LWL⁺21, Mar20a, DK21, KCML20, McC24]. **Code-Based** [CZC22]. **Code-Breaking** [Mar20a]. **codebreaker** [McI20]. **Codebreakers** [Tur20]. **Codec** [WLYL20]. **Codes** [HBS⁺20, WDFN21, XLL⁺22, WCZQ20]. **Coding** [BVG22, CJS⁺20, CCKH21, HIMM20]. **Coefficient** [ZZX⁺21]. **Coefficients** [YG20]. **Cognitive** [ZAK⁺21b]. **Coincident** [BL22b]. **collaboration** [XZL⁺22]. **Collaborative** [SSW21, WQL⁺21]. **collection** [VCP21]. **Collision** [LP20a, OLZ⁺20, LP20b]. **Collision-Optimized** [OLZ⁺20]. **Collusion** [DSDR21]. **Collusion-resistant** [DSDR21]. **Color** [KSSR20]. **Colossus** [Ano24, Mar20a, Mar20b]. **Comb** [JCKH22]. **combined** [ZWW⁺21]. **Combining** [ANG20, CDF⁺21]. **Commands** [SWCS21]. **Comment** [ST20]. **Comments** [Sar21]. **Commerce** [Dru21, GWF⁺21]. **Commitment** [BLG21, WZXX20]. **Communication** [Alb21, CISM22, SGZS21, XTHL21, FA21, SPJ20, SRD21, SWK⁺20, TTT⁺21, VD21b]. **Communications** [BKP22]. **Communities** [ESD⁺22]. **Compact** [JMKM21, ZSS20]. **Compacting** [LTTT20]. **Comparative** [AV20, GRA21, ZWT22, ABC⁺21]. **Comparison** [PYSJ22, ZMR21, ZBT22, GDA⁺21]. **compatibility** [UAACH21]. **compatible** [Bra21, XJG⁺22]. **compiler** [BBG⁺20]. **Complex** [ZZC⁺21]. **Complexity** [HY20, YD21]. **Compliance** [HV20, PYC21]. **Composable** [Can20]. **Composite** [SZX20, TITN20]. **comprehensive** [KSC⁺22, DZL⁺20]. **Compressed** [CCKH21, LWL⁺21, SGB20, TSFS21]. **Compression** [ASLB20, PTZM22, QGL⁺22, STJ⁺21, SS22, TSAS22, UMM⁺20, HIMM20]. **Compression-Based** [STJ⁺21]. **Compression-Then-Encryption-Based** [ASLB20]. **Compromise** [RHSH23]. **Compromises** [EPG⁺20]. **Compromising** [Bis21]. **Computation** [FSK⁺22, FFK⁺22, KLC22, LLX⁺20, VDSB22]. **Computational** [BS21, Kou21]. **Computationally** [KSS⁺20]. **Computations** [KLP20]. **Computer** [Ekh24, GN25, KPG⁺20, Lew21, MHS⁺20, vO20, Mar24, McC24]. **Computing** [ATS⁺21, AHSL22, CCT⁺20, DZL⁺22, GQZ21, JTGJ20, KKBL20, RBVV22, XCV22, ZDX⁺20, AKM21a, AHB21, DAK⁺20a, GZG20, HBO21, KLC22, LYSC21, RCF⁺21, SP22b, TWH⁺21, VPK20, WCXW22, WMK22, XWM21, ZWW⁺21, ZZQ21, ZXQ⁺21]. **computing-based** [DAK⁺20a, GZG20]. **CoMSeC** [MAOH21]. **CONCEALING** [RDM⁺21]. **CONCEALING-Gate** [RDM⁺21]. **Concern** [CGZ20]. **Conditional** [AARV21, WWL20, PA21].

confidential [RCF⁺21]. **Confidentiality** [EFPS⁺22, RR20, ZHC⁺20, SKE20, SWZ22].
Confidentiality-Preserving [ZHC⁺20, RR20, SKE20]. **Conflict** [JFK20].
Conflict-based [JFK20]. **conics** [BMDE21].
conjunctions [KSC⁺22]. **Connect** [Koo20].
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connectivity [GZG20]. **Conquer** [OLZ⁺20].
Consecutive [HYZ⁺20a]. **Consensus** [TMKS20, WLL20, FCH21]. **Consistency** [LWZ⁺21, TTL⁺21]. **Consortium** [PYC21, WCX21, LCZL21]. **Conspiracy** [BDDL20]. **Constant** [AA20b, BBC⁺20, FGC22, KAA22, LHAM20, BBG⁺20, ZGL⁺20, ZSS20].
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Constant-Time [BBC⁺20, KAA22, BBG⁺20, ZSS20].
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Construct [Zha21]. **constructed** [ST21].
constructing [LKX20]. **Construction** [TLD⁺20, EIO20, HYZ⁺20b, JK21b, LPLL20, TW21]. **Constructions** [BKS22, DSDR21, Tom20]. **Consumption** [FLYL21]. **Contactless** [RDM⁺21].
container [HOV20]. **Contemporary** [XZH⁺21]. **Content** [SCZ⁺20, VKV⁺22, LHS⁺22].
Content-based [SCZ⁺20]. **contents** [Raw20]. **Context** [ABK⁺20, SKW⁺21, WYLG21, DAK⁺20a].
Context-aware [ABK⁺20, DAK⁺20a].
Contextual [SNS⁺20]. **Continual** [HYZH22]. **Continuous** [AAK⁺21, HY20, LHZZ20, LTDZ22, QYZ⁺21, ZQY⁺22, ZYW⁺20, ZXQ⁺21, Gyo20, RAN22, ZCJ⁺21].
continuous-variable [Gyo20]. **Contracts** [ZHC⁺20, XRL⁺21, YC22a]. **Contrastive** [PZJL22]. **Contributions** [KTCI21].
Control [BCLR22, CDF⁺21, LHY⁺21, TSY⁺21, WHC20, WZX20, XCV22, ZDX⁺20, ABK⁺20, BBTC20, FLTQ20, LGCY22, OK21, VVPM21, WCXW22, Wes22].
Controllable [CSA⁺21]. **Controller** [ZJZL20]. **Conversion** [SYKL21].
convolution [MIB22].
convolution-Chebyshev [MIB22].
Convolutional [FZH21, LHZZ20, PK21].
Coordinated [MWVK21]. **Copresence** [FALS⁺22]. **Coprocessor** [BCD⁺20].
Copyright [NPG⁺22]. **Core** [MDJ20, XWH21]. **Correct** [KSA⁺21].
Correction [AAI⁺20a, HLSC20a].
correctly [SAL20]. **Correlation** [BB22, DZW⁺21]. **Corresponding** [AOAAK20]. **Cosine** [SK21]. **Cost** [DCR⁺25, HLH⁺20]. **Could** [TB21].
Counter [HON21]. **Counterfeit** [STG⁺20].
Counterfeiters [TB21]. **Counterfeiting** [Yiu21]. **Countering** [AAI⁺20b, LYEK22, AAI⁺20a].
Countermeasure [HYK⁺20, ZYD⁺20].
Countermeasures [FYDX21, GXS⁺22, PI21, PCK20].
Country [GPLK22]. **coupled** [jSZyW⁺20].
course [Mcl20]. **Covert** [GNGT21, CMR⁺21, PCK20, VVPM21].
CP [CLZG22, LSX⁺21, WZX20, ZZQ21].
CP-ABE [CLZG22, LSX⁺21, WZX20].
CPU [JCZ⁺22, MTA⁺22]. **CPUs** [vSMK⁺20]. **crack** [Mar24]. **cracking** [SAY20]. **Cramer** [LYY⁺21]. **crank** [EMS21]. **Crash** [HSHC20]. **Created** [Lew21]. **Creative** [ESD⁺22]. **Credential** [EZBC22]. **credentials** [Sar21]. **Critical** [STG⁺20, YAZ21]. **Critiques** [DM20].
Cross [LEBM20, VAV⁺20, GWZ⁺20].
Cross-Architecture [VAV⁺20].
cross-domain [GWZ⁺20]. **Cross-Stack** [LEBM20]. **Crosstalk** [LDX22].
Crosstalk-Induced [LDX22]. **Crow** [RR21]. **crowdsensing** [WHSX20].
Crowdsourced [DM20, PWL⁺22].
Crowdsourcing [VKV⁺22]. **CRS** [KLP20].

Cryptanalysis [BDL⁺21, BMV22, CLLR21, LKX20, LYY⁺21, ZKY21, ZCWW21].
Cryptanalytic [Ekh24, OK22]. **CryptHOL** [BLG21]. **Crypto** [Ano21a, TFNF21, FZ21, FCH21].
crypto-currencies [FCH21].
crypto-ransomware [FZ21].
cryptocurrencies [GDA⁺21, TFNF21].
Cryptocurrency [KLZ⁺21, Ano21b].
cryptographer [BDDL20]. **Cryptographic** [ABR⁺21, AHWB20, BCDS22, BCLR22, Bis21, BCM⁺21, BCD⁺20, CHWM21, Dru22, EPG⁺20, GMV21, HV20, HY20, KSA⁺21, LQD22, LV21, MH21b, SKW⁺21, Goo23, HRX⁺21, KS21b, KG20a, Lew20, MYF20, PCO20, STK23]. **Cryptography** [Ano21c, BBC⁺20, BS21, BGG⁺22, CHA20, CISM22, DH21, Dod22, DZL⁺22, Fag20, Gou21, KAA22, LZJZ21, MDJ20, MS21c, NVB⁺20, SAKH20, Sla22, TSDG22, Wes22, YAZ21, Zak21a, BMDE21, DK21, HLSC20b, HJHZ22, JK21b, LaM22, RMI22, SRD21, TITN20, WHJ20, YH22, ZWT22, uHWZ20, HLSC20a]. **Cryptojacking** [LEBM20, YYH22]. **CryptoLesion** [TRRB20]. **Cryptology** [Bau21, BS21, DSP20]. **CryptoQNRG** [STK23]. **Cryptosystem** [AAA20, YCL⁺20, DK21, MS21a, NAB22, PA21, ST21].
Cryptosystems [BRPM22, BBB⁺23, LYY⁺21, XPR⁺22, ZBT22, HLZ21].
CryptSQLite [WSS⁺20]. **CrySL** [KSA⁺21]. **Crystals** [ZHL⁺21].
Crystals-Dilithium [ZHL⁺21]. **cube** [ZCWW21]. **cube-attack-like** [ZCWW21].
cubic [ST21, ZZ21a, ZKY21]. **Cultural** [ESD⁺22, ZOZ21]. **currencies** [FCH21].
Currency [AHWB20, Goo21]. **Current** [KTCI21, PSGM22]. **Curtain** [ASV⁺21].
Curve [CISM22, DZL⁺22, Fit22, JKM21, MDJ20, HLZ21, HJHZ22, PA21, SRD21, WHJ20, WGYZ22]. **Curves** [BL22b, AAA20, LIJ20, ZWT22].
Custodianship [Goo21]. **CVE** [Koo20]. **CVE-2019-11510** [Koo20]. **CyaSSL** [Gar21]. **Cyber** [JDZ⁺21, KSK20, LNE⁺20, CDG⁺20, XWW⁺20]. **Cyber-physical** [KSK20, LNE⁺20, CDG⁺20, XWW⁺20].
Cyberattack [Kad21]. **CyberEyes** [FZH21]. **Cybersecurity** [FZH21, SSW21, vSRW⁺20]. **Cytology** [MDD⁺21].
D [JKM21, KSSR20, MWVK21, NAP⁺20, PPS21, jSZyW⁺20]. **DAG** [GPPB⁺21].
DAG-Based [GPPB⁺21]. **Daily** [SLLC21].
Damage [Kad21]. **dangerous** [ZY20]. **Data** [AG22a, AHSL22, BKP22, BAR⁺21, CCKH21, CWS⁺21, CPN⁺21, DC20, FZ21, FSK⁺22, FFK⁺22, GQZ21, GPPB⁺21, GWF⁺21, GMS⁺20, KSA20, KPG⁺20, LLLZ21, LYDZ21, LHY⁺21, LYZ⁺22, MSU⁺20, PWL⁺22, PYC21, RN22, SUBG21, SHHM21, SZC⁺21, SLL⁺21, TRB⁺21, WSS⁺20, WWW20, WHC20, WL21, WYLG21, XCV22, XLL⁺22, vSMK⁺20, AKY20, AP21, CRJ⁺22, CKV22, GJCJ20, HN22, HIMM20, HH21, HLH⁺20, KS20, Lap22, MBK⁺21, NBJ21, OK21, Pan20, PK21, RFT22, RH20, SPJ20, SAY20, SKE20, SAS21, SWK⁺20, TSR⁺20, WDJZ22, XRL⁺21, XCB⁺20, XWW⁺20, YD22, YZL22, ZWW⁺21, ZWT22, ZLC⁺20].
Data-centric [FZ21]. **data-intensive** [HLH⁺20]. **Database** [Kad21, CLLR21, KLC22]. **Databases** [YYZ⁺20, CKV22, SWLL21]. **Dataflow** [FFK⁺22, ABC⁺21]. **Datapath** [UMM⁺20].
Dataset [RK21]. **Datasets** [CAN⁺21, SKE20]. **datestamp** [LWSQ21].
datestamp-based [LWSQ21]. **dating** [LGT⁺20]. **DDoS** [ZXY20]. **De-Clustering** [CCKH21]. **decentralized** [XRL⁺21, ZZ21b]. **Decentralizing** [Yiu21].
Deception [ADY⁺21]. **Decidability** [Kou21]. **Decipher** [JMKM21].
Deciphering [BSS⁺22, GXZ⁺22]. **Decision** [GXZ⁺22]. **Decision-Making** [GXZ⁺22].

Decisions [AMGBK22]. **Decoding** [ZYH⁺20]. **decomposition** [Gyo20, SAY20]. **decrypt** [BBC⁺21]. **Decryption** [CLZG22, CPN⁺21, PCV⁺21, KMT20, STK20, TW21, ZZQ21]. **Dedup** [GJCJ20]. **Deduplication** [LLT⁺20, LHR⁺22, LYDZ21, GJCJ20]. **Deep** [ASMK22, BB22, GRA21, LTDZ22, LXZ⁺22, RR21, SLLC21, SYKL21, YYH22, ZYH⁺20, ACMP21, SHB22]. **Deep-Learning** [BB22]. **DeepKey** [ZYH⁺20]. **DeepPeep** [JMKM21]. **Defeat** [Tur20]. **Defending** [LEBM20]. **Defense** [KSK20, LDX22]. **Defenses** [LLT⁺20, LZJZ21, WYZZ21]. **DeFFusion** [LTDZ22]. **deficiencies** [Jov20]. **Definitions** [ALKP21]. **degenerate** [HLZ21]. **Degree** [KSM22, LLA⁺21]. **Delay** [SKR⁺20]. **deletion** [XCB⁺20]. **Dembowski** [WDFN21]. **Democratizing** [Sla22]. **Demystifying** [Ano20, CDM20]. **Dendritic** [FSN21]. **Deniable** [SW21, CC21b]. **densely** [RSB22]. **density** [CGJ20]. **Deoxys** [LC22]. **Deoxys-BC** [LC22]. **dependent** [NCM22]. **Deploy** [GMD⁺22]. **deployed** [RSB22]. **Deploying** [MHS⁺20]. **Deployment** [BSA⁺20]. **Deprecate** [Gar21]. **derivation** [XCB⁺20]. **Derivatives** [DM20]. **descriptors** [DSP20]. **Design** [AMGBK22, AAKJ22, BR22, CDG⁺20, ISK21, JMKM21, KLZ⁺21, LNE⁺20, LLP⁺20, LQD22, QAQA21, RDM⁺21, SKB⁺22, ZYD⁺20, ZHL⁺21, AAA20, DDD21]. **Designated** [WHJ20]. **Designated-verifier** [WHJ20]. **Designing** [SSW21]. **Designs** [WDFN21]. **Desktops** [BP20]. **DESL** [JZD21]. **Desynchronization** [ZZX⁺21]. **Detecting** [SUBG21, YC22b, CMR⁺21]. **Detection** [ABM21, ADY⁺21, FSN21, FAIS⁺22, GGA⁺20, HMLZ21, KSA20, LWL⁺21, MCLL21, OLZ⁺20, VAV⁺20, YYH22, ZWW⁺21, ZWR⁺20, ZJZL20, CGJ20, DAK20b, FZ21, GAGV⁺21, PK21, RIW22, SP20a]. **Determining** [VKKG22]. **Deterministic** [LMG20, HYZ⁺20b]. **developments** [VPK20]. **Device** [Bra21, BCM⁺21, Ekh24, JCZ⁺22, MS22a, PGCK22, YHC20, ZCJ⁺21]. **Device-to-device** [Bra21]. **Devices** [AG22b, CXZ⁺21, GVM⁺20, JLZ⁺20, KPG⁺20, SLZ⁺21, TSY⁺21, TCH21, TMG⁺21, BR22, DAK⁺20a, ESA21, HLH⁺20, VDSB22, WWC⁺20, XCB⁺20, XMZ⁺20]. **dew** [Bra22]. **dew-assisted** [Bra22]. **DF** [Ekh24]. **DF-114** [Ekh24]. **diagnosis** [LLX⁺20, MCF⁺22]. **Diagonal** [AG22a]. **dictionary** [LYSC21]. **dies** [McI20]. **difference** [LT22]. **Differential** [JZD21, RBM21]. **Differential/Linear** [JZD21]. **Differentially** [WL20]. **Diffie** [DG21, Sla22]. **diffusion** [ZWZ⁺22]. **Digital** [Cam20, DD20, Goo21, JKM21, SK20b, STJ⁺21, WFRZ21, Zak21a, CQSN20, Mar24, TV21, XRL⁺21, YFW20]. **Dilithium** [ZHL⁺21]. **Dimensional** [ANSS21, Zak21a]. **diophantine** [CBJ22]. **Directions** [AZH22, DH21]. **Disassembly** [KLR⁺20]. **Disclosure** [AARV21]. **Discovery** [PWL⁺22, YC22a]. **Discrete** [SK21, ZSS20, VCP21]. **Discriminant** [BB22]. **Discriminative** [BP20, TMZ⁺20]. **Discussion** [Ano21c]. **disjunctive** [TSR⁺20]. **disk** [HLH⁺20]. **Dissemination** [GMS⁺20, LHY⁺21]. **DISTILLER** [ACMP21]. **Distinguisher** [ZY21]. **Distortion** [BA20]. **Distributed** [GAGV⁺21, PCV⁺21, WQL⁺21, XLL⁺22, YYZ⁺20, AMSL20, CBN⁺20, SK20b, ZZ21b]. **Distribution** [AZH22, MNR⁺20, NPG⁺22, PL22, TTL⁺21, Gyo20, TITN20, XMZ⁺20]. **Divide** [OLZ⁺20]. **Divide-and-Conquer** [OLZ⁺20]. **Division** [HLJW22]. **divisor** [LIJ20]. **divisors** [HLZ21]. **DKEMA** [NCM22]. **DNA** [ZWZ⁺22]. **DNN** [LTJS⁺22]. **DNNs** [JMKM21]. **DNS** [PCK20, Ras20]. **Do** [CC21b]. **Document** [FWCB22, PPR⁺20]. **Documents**

[ADSAKAD22, DD20, STJ⁺21]. **Dog** [GN25]. **Domain** [AS20, BVG22, GA22, OLS21, SGB20, SK21, TTL⁺21, BA20, GWZ⁺20, TSG21]. **domain-based** [TSG21]. **dominated** [KSSR20]. **door** [Lew20]. **Double** [AG22a]. **DPoS** [WLL20]. **driven** [LYZ⁺22]. **drivers** [GDA⁺21]. **Drives** [ISOD21]. **Drone** [MAOH21]. **Drone-enabled** [MAOH21]. **Drones** [EZBC22]. **Drugs** [STG⁺20]. **DTA** [TMG⁺21]. **DTA-PUF** [TMG⁺21]. **DTLS** [KG20b]. **Dual** [LYZ⁺22, KCML20]. **during** [RR20]. **DVREI** [LMM⁺22]. **DWT** [RN22, SGB20]. **DWT-Based** [SGB20]. **Dynamic** [CSA⁺21, EAHO21, FZL⁺20a, JYMP⁺20, KSK20, KKM21, LLLZ21, LMM⁺22, ODK20, POC20, SZC⁺21, TMG⁺21, Elt22, JA20, NNH⁺20, NCM22, ZLC⁺20]. **Dynamically** [RNR⁺21].

E-Commerce [Dru21, GWF⁺21]. **e-Health** [CC21a]. **E-Healthcare** [SSP21]. **E-Vote** [CKFH22]. **Early** [Fre21, NVB⁺20, Koz20]. **eavesdroppers** [GSS⁺20]. **EC** [DZL⁺22]. **EC-ECC** [DZL⁺22]. **ECC** [AS20, DZL⁺22, GDZL21, NA20b, PD21, SP22b]. **ECC-based** [GDZL21, NA20b, SP22b]. **ECDSA** [JCKH22, WYZ⁺20]. **ECG** [HIMM20]. **ECIES** [KAS⁺22]. **eCK** [LZ22]. **eCK-Secure** [LZ22]. **Economics** [KLZ⁺21]. **ecosystem** [LGCY22]. **Edge** [DZL⁺22, KKBL20, WWYC21, ZYA⁺22, AKM21a, DAK⁺20a, DAK20b, GZG20, SHB22, WCXW22, WMK22]. **EDHOC** [VSMW22]. **Editors** [AW20]. **Effect** [LLAL22, Hug21]. **Effective** [CKV22, YG20, DZL⁺20]. **Effects** [GXZ⁺22, JIR⁺21]. **efficiency** [CLT22, FWZ⁺20, RMA⁺20]. **Efficient** [ADS21, BCP20, CLZG22, EZBC22, ESW21, JZWX20, KSD22, KAA22, KKM21, LFJ⁺20, LB21, LHR⁺22, LMH⁺21, LAKS20, NS22, wPHC21, PCV⁺21, SKR⁺20, SKE20,

SLS⁺20, TSAS22, TRB⁺21, WWW20, WHC20, WDJZ22, YCM⁺20, ZQY⁺20, ZLC⁺20, AAH22, BGCL20, CXC⁺22, CKV22, HH21, KSS⁺20, LXG21, MS21a, MII22, MIB22, NCM22, UAACH21, ZM20]. **Ekiden** [ZHC⁺20]. **Election** [Ano21c]. **Electric** [EAHO21]. **electrocardiogram** [ZWT22]. **Electromagnetic** [JIR⁺21]. **Electromechanical** [Pau21a, TB21]. **Electronic** [ALKP21, PPR⁺20, FWZ⁺20]. **Element** [LWL⁺21]. **Elephant** [ZZD⁺21]. **Elgamal** [RN22]. **Elliptic** [CISM22, DZL⁺22, Fit22, JKM21, MDJ20, PA21, SRD21, WHJ20, WGYZ22, ZWT22]. **Embedded** [DZL⁺22]. **Embedding** [BA20, LWL⁺21, Nar22, RN22, ZWR⁺20, JYH⁺20, SPJ20]. **Embeddings** [MUK22]. **Emissions** [ISOD21]. **Emitting** [HLG21]. **Empirical** [AALG22]. **Employing** [JCKH22, VK22]. **empowered** [TSY⁺21]. **Enabled** [Alb21, Gok22, GMS⁺20, KJJ⁺21, SLLC21, AKY20, CKV22, GZG22, MAOH21, MBK⁺21]. **Enabling** [CCT⁺20, HN22, HKC⁺20, LHR⁺22, LHW21, LTJS⁺22, POC20, YYZ⁺20]. **Encapsulation** [AAT⁺21, HBS⁺20]. **enclave** [SWLL21]. **enclave-native** [SWLL21]. **Enclaves** [CCX⁺20]. **Encoder** [MUK22]. **encrypt** [Akl20]. **Encrypted** [ASV⁺21, AHSL22, BSA⁺20, CWS⁺21, FSK⁺22, FFK⁺22, FWCB22, GWF⁺21, GGA⁺20, KSA20, LLT⁺20, LMM⁺22, LHR⁺22, LYDZ21, LTJS⁺22, MPV21, PI21, PCK20, PPT22, RK21, WSS⁺21, YGW⁺20, YLZ⁺22, YYZ⁺20, ASV⁺22, BKL⁺20, CLLR21, CGJ20, CWE⁺21, CKV22, DZL⁺20, DJ20, GAGV⁺21, GJCJ20, KLC22, LHS⁺22, LXG21, LYX⁺22, NBJ21, RR20, Ras20, RYM21, SKE20, SCZ⁺20, SWLL21, WWYC21, WDJZ22, ZAR⁺22, ZLC⁺20, ACMP21]. **Encryption** [AG22a, AAI⁺20b, ASLB20, AS20, ANSS21, BDL⁺21, CCT⁺20, CDF⁺21, CSA⁺21, DG21, Fan21, FLYL21, FGC22, GQZ21, HKC⁺20, HYZH22, LIS20,

LMG20, LZG⁺²¹, LMH⁺²¹, LZ20, LAKS20, LHW21, LYZ⁺²², MS21b, OTK⁺²², PPS21, Pau21a, QYZ⁺²¹, RMMH22, SW21, SHHM21, STJ⁺²¹, SS22, SZM22, SZFX20, TRV20, WCD21, WYLG21, WNK20, XJG⁺²², YFW20, ZDX⁺²⁰, ZZC⁺²¹, ZQY⁺²², ZYW⁺²⁰, AA20a, AKY20, AMSL20, APTT22, AGV22, ATK⁺²², BR22, CLT22, CNL⁺²⁰, CC21b, DAK^{+20a}, Dat20, DRS⁺²², DSDR22, EIO20, ESW21, EKW22, GLY21, GLZZ20, HN22, HIMM20, HH21, HLH⁺²⁰, HYZ^{+20b}, JYMP⁺²⁰, KS21b, KSSR20, Koz20, KS20, LHAM20, Lap22, LGNEAO20, LTTT20, Lee21, LB21, LLH⁺²¹, LYSC21, LWSQ21, LLHG22, LAKWC21, MBK⁺²¹, MTA⁺²², Mog22, NNH⁺²⁰, NA20a, Pan20, PNJ⁺²², PK21, RR20, Raw20, RDS⁺²², SWZ22, jSZyW⁺²⁰, SMS⁺²⁰, TSR⁺²⁰, TW21, TGC⁺²¹, TSG21, Tom20, TWH⁺²¹, UAACH21]. **encryption** [VPK20, WHF⁺²⁰, WCZQ20, WCXW22, WLZY21, XCB⁺²⁰, YC22a, ZZ21b, ZZ21a, ZGL⁺²⁰, ZWT22, ZYX⁺²⁰, ZWYL22, ZCLG21, ZWZ⁺²², AAI^{+20a}, DSDR21]. **End** [JJK⁺²¹, KS21b, ZCLG21]. **End-to-end** [JJK⁺²¹, KS21b]. **Energy** [DH20, EZBC22, FLYL21, HH21, HLH⁺²⁰, SHB22]. **energy-aware** [SHB22]. **Energy-Efficient** [EZBC22, HH21]. **Enforcement** [BCLR22]. **Engaging** [ESD⁺²²]. **Engineering** [BGH⁺²²]. **engines** [SWLL21]. **Enhance** [ANG20, BDL22]. **Enhanced** [AOM⁺²¹, ESA21, JCKH22, KAS⁺²², KG20b, DK21, PYSJ22]. **Enhancement** [RA22, SK20a]. **Enhancing** [RH20]. **enough** [RIW22]. **Ensemble** [VAV⁺²⁰]. **Entity** [FZH21, GJCJ20]. **entropy** [Hug21]. **Environment** [AG22a, CKFH22, CIY⁺²¹, GMD⁺²², AP21, Elt22, GZG22, LWGW21, WDKV20, ZY20, FLTQ20]. **Environmental** [GPPB⁺²¹]. **Environments** [JSS20, CMR⁺²¹, MBB22, QC22a, WZZW20, WMK22]. **Equality** [LSX⁺²¹, LZG⁺²¹, LMH⁺²¹, DRS⁺²², LB21, LWSQ21, RDS⁺²²]. **equation** [CBJ22, ZKY21]. **equations** [LT22, ST21]. **Erase** [XLL⁺²²]. **error** [SP22a]. **error-based** [SP22a]. **errors** [YH22]. **Esoteric** [Cia22]. **establishment** [QC22a]. **Estimate** [ErEE20]. **Estimation** [CBE21, ZY21, ZWR⁺²⁰]. **European** [BDM⁺²⁰, GPLK22]. **EV** [EAHO21]. **Evaluating** [AV20]. **Evaluation** [BDM⁺²⁰, DCR⁺²⁵, PCMPCA⁺²⁰, QAQA21, SKB⁺²², BR22, HJHZ22, KG20a, STK23, ZWW⁺²¹]. **Even** [CFGS22, SI22]. **Even-Mansour** [SI22]. **Events** [TADS20, YC22b]. **Ever** [BL22b, RBVV22]. **Everyone** [Vac20]. **Evictions** [vSMK⁺²⁰]. **Evidence** [MOP21]. **Evolution** [SZFX20, SMS⁺²⁰]. **Exact** [Lem24]. **Exceptional** [Ano21c, Pau21a]. **Exchange** [AAT⁺²¹, JJK⁺²¹, LZ22, PD21, SJHL21, TCH21, VSMW22, QC22b, WHJ20, WGYZ22, ZWZ⁺²²]. **Exchangeable** [LYY⁺²¹]. **Executable** [DM20]. **Execution** [CCX⁺²⁰, FLTQ20, JSS20, SKR⁺²⁰, ZY20]. **Exfiltration** [SUBG21]. **Expansion** [LLAL22]. **Experience** [BSA⁺²⁰]. **Experiences** [ESD⁺²²]. **Experimental** [QAQA21]. **Expertise** [OLS21]. **Explainable** [GXZ⁺²²]. **Explicit** [ABR⁺²¹]. **Exploiting** [JMKM21, JFK20, LWH⁺²², SGZS21, ZAK^{+21b}]. **exploits** [Jov20]. **Explore** [SP21]. **Exponent** [BNBN20, NAB22]. **Exponentiation** [BMV22, SZX20]. **exponents** [STK20]. **exposure** [KMT20, STK20, TW21]. **Expression** [WWL20]. **Extended** [STK20]. **Extending** [SAY20]. **Extensible** [KSA⁺²¹]. **Extensive** [JK21a]. **External** [GPLK22]. **extractable** [SP22a]. **Extraction** [FYY⁺²¹]. **extractors** [TLS⁺²⁰]. **Extremal** [SYD21]. **Eye** [JJKJ20, SLZ⁺²¹]. **Eye-based** [SLZ⁺²¹]. **Fabric** [JKI⁺²¹]. **FACCT** [ZSS20]. **Face** [DKJ⁺²¹, GRA21, LWZ⁺²¹, TMZ⁺²⁰].

Facial [DR20, WWL20]. **Facilitating** [Fre21]. **Factor** [ADS21, CPN⁺21, Jov20, SCRV20, WWW20, AP21, BGCL20, CC21a, FBD⁺20, JK21a, JJK⁺21, LWGW21, MBB22, RO22, SA21, SP22b, WZZW20, uHWZ20]. **Factoring** [BGG⁺22, Sch21, BNB22]. **Factorisation** [GN25]. **Factorization** [GXZ⁺22, VCP21]. **Factorizations** [Fag20]. **Failure** [XLL⁺22]. **failures** [WZZW20]. **Fair** [NBj21]. **FakeMuse** [ZOZ21]. **false** [RIW22]. **Families** [WDFN21]. **Family** [LYY⁺21]. **Fast** [CCT⁺20, DVA22, FYY⁺21, HLZ21, JDZ⁺21, MWVK21, PPS21, Sch21, XLL⁺22, YCM⁺20, RSB22, ZSS20]. **faster** [BDDL20]. **FastHand** [RSB22]. **Fault** [ABR⁺21, BBB⁺23, JIR⁺21, RBM21]. **Fault-tolerant** [ABR⁺21]. **Feature** [BAR⁺21, DR20, GXZ⁺22, LTDZ22, OTK⁺22, SNS⁺20, ZCZ⁺21]. **Feature-Preserving** [ZCZ⁺21]. **Features** [BP20, Gok22, LXG21]. **Federal** [HV20]. **Federated** [AG22b, Fan21]. **FHE** [KLP20]. **Field** [Koo20]. **fight** [Ras20]. **Figured** [Pau21a, Pau21b]. **Figures** [Mar20a, Mar20b]. **File** [FWCB22, WCD21]. **File-injection** [WCD21]. **Files** [WH22]. **Find** [BL22b]. **Finding** [HSHC20]. **Fine** [FLTQ20, AK20, LCZL21, OK21, WCXW22]. **Fine-grained** [FLTQ20, AK20, LCZL21, OK21, WCXW22]. **Finger** [BB22]. **Finger-Vein** [BB22]. **Fingerprint** [LZX⁺22, BGCL20, SK20a, TTP20]. **Fingerprinting** [Fer21, HMLZ21, ISOD21, JCZ⁺22, SOA⁺20]. **Fingerprints** [AALG22, DD20, RYM21]. **Finite** [WCD21, EMS21]. **firewalls** [GMV21]. **First** [DCR⁺25, LP20a, LWS⁺21, MHS⁺20, LP20b, Goo23, Mar24]. **First-Order** [DCR⁺25]. **Fixed** [JCKH22]. **Fixed-Base** [JCKH22]. **FKR** [ZM20]. **Flash** [ISOD21]. **flask** [ZY20]. **Flex** [Elt22]. **Flex-CC** [Elt22]. **Flexible** [KAA22, NVB⁺20, Elt22, RDS⁺22]. **FlexiPair** [BRPM22]. **Flink** [ABC⁺21]. **FLIP** [RBM21]. **Floating** [AKM⁺21b]. **Flow** [DJ20, NPH⁺20, LXG21]. **fluctuations** [Koz20]. **Fly** [DD20]. **Fog** [JTGJ20, LWGW21, AHB21, GZG22, TWH⁺21, ZWW⁺21]. **fog-enabled** [GZG22]. **Food** [CTM21]. **forensic** [ALZ⁺20]. **Forensics** [ZHM20, UAACH21]. **Formal** [BBG⁺20, BCLR22, GXSC21, GXS⁺22, JK21a, MH21b, SCRV20, EKW22]. **Formalising** [BLG21]. **Formally** [Dod22]. **Format** [XJG⁺22]. **Format-compatible** [XJG⁺22]. **Fortifying** [CXZ⁺21]. **Forward** [BG21, WWW20, ZYA⁺22, CXC⁺22, NBj21, NA20b]. **Forward-Secure** [ZYA⁺22, CXC⁺22]. **Foundations** [ACD20]. **Four** [RO22]. **Four-factor** [RO22]. **FPGA** [AOAAK20, HON21, HYK⁺20, LDX22, MMM⁺22, TRV20, ZBT22]. **FPGA-based** [HON21]. **FPGAPRO** [LDX22]. **FPGAs** [GNGT21, HBS⁺20, SKB⁺22]. **fractional** [JYMP⁺20]. **fractional-order** [JYMP⁺20]. **Framework** [AV20, BRPM22, BDL22, FWCB22, Gok22, GMS⁺20, HKC⁺20, JTGJ20, KJJ⁺21, LDX22, NPH⁺20, PTZM22, TSY⁺21, ZHM20, AA20a, BKL⁺20, BDM⁺20, LGCY22, STK23, TTT⁺21]. **Free** [CCKH21, HMLZ21, LHY⁺21, CKV22, EIO20, LSQ20, SYD21]. **Frequency** [LLT⁺20, LLH⁺21, ZZX⁺21]. **Frequency-hiding** [LLH⁺21]. **friendly** [GSS⁺20]. **Fu** [WCQ⁺20]. **Full** [MH21a, ZCLG21, STK20]. **Fully** [AA20a, OTK⁺22, PZJL22, AKY20, AMSL20, GLY21]. **Function** [KAS⁺22, PPS21, TMG⁺21, CHJL21, Tom20]. **function-hiding** [Tom20]. **Functional** [LZ20, ZZ21a, CLT22, Dat20, LGNEAO20, LLHG22, Tom20]. **Functions** [HYZ⁺20a, KSM22, LZ20, WDFN21, Zha21, Dat20, HRX⁺21, SI22]. **Fusion** [Gok22, LTDZ22, SCW⁺21, Pan20]. **Future**

[AZH22, AS22, KPG⁺20, Lew21, PSGM22, SP21]. **Fuzzy** [DKJ⁺21, TLS⁺20, ZLC⁺20].

G.723.1 [WLYL20]. **gadget** [Pau21b].

Gaits [ZYH⁺20]. **Game**

[LYDZ21, ZOZ21, ZJK⁺22]. **GANs**

[WWL20]. **garage** [Lew20]. **Gate**

[UMM⁺20, RDM⁺21]. **Gateway**

[PD21, PCV⁺21, WWYC21, CBN⁺20].

Gateway-based [PCV⁺21]. **GaussDB**

[ZCLG21]. **Gaussian**

[KAA22, YGW⁺20, ZSS20]. **GCHQ**

[Ano24, Mar24]. **GDPR** [PYC21].

GDPR-Compliance [PYC21]. **GEA**

[BDL⁺21]. **GEA-1** [BDL⁺21]. **GEA-2**

[BDL⁺21]. **Gelin** [Cia22]. **general**

[AA20a, EK20, WHSX20]. **Generalizable**

[TMZ⁺20]. **Generation** [DVA22, LWH⁺22,

NPH⁺20, XZH⁺21, STK23]. **Generative**

[TZLZ21, WWYC21, HRX⁺21, JYH⁺20].

Generators [HD22, HSHC20]. **generic**

[EIO20, HYZ⁺20b, LPLL20, LIJ20].

Genericity [CLT22]. **Genes** [BSS⁺22].

genetic [KSSR20, Pan20]. **genomic**

[YC22a]. **Geo** [SNS⁺20]. **Geo-Contextual**

[SNS⁺20]. **Geographically** [YYZ⁺20].

Ghost [Koz20]. **GIFT** [JZD21]. **global**

[GJS20, PCC22]. **GLOR** [NNH⁺20].

Golden [HMLZ21]. **Google** [ABC⁺21].

GPRS [BDL⁺21]. **GPU**

[APTT22, DZL⁺22, FNC22, GLY21, NCM22].

GPU-based [NCM22]. **GPUs**

[JFK20, OK22]. **Gradient** [CCT⁺20].

GRAIN [ZAR⁺22]. **grained**

[AK20, FLTQ20, LCZL21, OK21, WCXW22].

Granular [ZAR⁺22]. **Graph**

[CAN⁺21, FZH21, FWR⁺20, Akl20].

Graphical [ADA⁺22]. **Graphs**

[LZYZ21, ZYA⁺22]. **Green**

[ADA⁺22, TSY⁺21]. **Grid** [WHW22].

Ground [XZL⁺22]. **Group** [Alb21,

BMDE21, LMH⁺21, MH21a, WHW22,

XWM21, Bra21, CXC⁺22, KKP21, PA21].

group-characterizability [KKP21].

group-key [PA21]. **Guarantees** [BDL22].

Guarding [DCSA22]. **guessing** [ZZQ21].

Guest [AW20]. **guided** [RNR⁺21, TTL⁺21].

H2O [Fer21]. **hack** [Lew20]. **hack-proof**

[Lew20]. **Hadith** [BKM21]. **Hamilton**

[SSvW20]. **Hand** [OLS21]. **HandiText**

[FZL⁺20a]. **Handling** [SKW⁺21].

Handover

[AKM21a, GDZL21, LCZL21, RSB22, YM21].

Hands [Lew20]. **Handshake**

[TLD⁺20, TLMY21]. **Handwriting**

[BAR⁺21, FZL⁺20a]. **Hardness** [HY20].

Hardware [ABR⁺21, AW20, BBC⁺21,

CRSSBMR21, DCSA22, FWR⁺20, GMD⁺22,

KAA22, MDJ20, ODK20, SKW⁺21, SJHL21,

UMM⁺20, YYH22, ZHM20, ZHL⁺21,

ABMPL22, LA22, MS21a].

Hardware-Based [ZHM20]. **harnesses**

[Koz20]. **Hash**

[AOAAK20, KAS⁺22, PPS21, VD21a].

Hashing [Alb21, SK20a]. **Hashing-Based**

[Alb21]. **Healing** [ADSAKAD22]. **Health**

[CC21a, KPG⁺20, SZM22, FBD⁺20,

GLZZ20, OK21, RO22]. **health-care**

[FBD⁺20, RO22]. **Healthcare**

[AFS⁺22, ASLB20, DC20, Kad21, SSP21,

CRJ⁺22, DK21, KG20b, KMK22, WGYZ22,

XWW⁺20]. **Healthchain** [WL21]. **Heart**

[RLZ⁺21]. **HEAWS** [TRV20]. **HECC**

[PGCK22]. **Hedged** [HYZH22]. **Hellman**

[DG21, Sla22]. **Help** [ASG21]. **Helped**

[Tur20, McC24, Mcl20]. **Hepatocellular**

[BSS⁺22]. **Heritage** [ESD⁺22, ZOZ21].

Hermes [Mog22]. **Hermitian** [AAA20].

Heterogeneous [XWH21, YHC20, ZXY20].

heuristic [vSRW⁺20]. **Hidden**

[HYK⁺20, LGT⁺20, Mar20a, TB21, Mar20b,

ZWW⁺21, ZZQ21, YGW⁺20]. **hide** [LA22].

Hiding [CCKH21, RN22, SHHM21, SZM22,

WH22, LLH⁺21, SYD21, Tom20].

Hierarchical

[SLL⁺21, YDS⁺20, AMSL20, CGJ20,

GLZZ20, KMT20, Lee21, LHS⁺22, ZZhC22].

High [EPG⁺20, ISK21, LQD22, UMM⁺20, WSS⁺20, FWZ⁺20, MS21a, MTA⁺22]. **high-efficiency** [FWZ⁺20]. **High-Level** [EPG⁺20, ISK21]. **High-Security** [LQD22]. **high-speed** [MS21a]. **Higher** [GXSC21, ZY21]. **Higher-Order** [GXSC21]. **History** [Bau21, Pau21b, WH22]. **HLS** [ZBT22]. **hoc** [ABB22, PA21, RAN22, SWK⁺20]. **Home** [GN25, JLZ⁺20, GZG20, GZG22, JHS⁺21, PGCK22]. **Homomorphic** [CJS⁺20, CDF⁺21, Fan21, MPV21, OTK⁺22, TRV20, WNK20, AA20a, AKY20, FWZ⁺20, GLY21, HN22, KKP21, MTA⁺22, YC22a, YFW20]. **Homomorphic-Encrypted** [MPV21]. **Homomorphically** [AHSL22, LTJS⁺22]. **hop** [LHAM20]. **Horizontal** [AAT⁺21]. **HPC** [Lap22]. **HSE** [FWZ⁺20]. **HSE-Voting** [FWZ⁺20]. **Hu** [WCQ⁺20]. **Hu-Fu** [WCQ⁺20]. **Huffman** [HIMM20]. **Human** [SOA⁺20, VKV⁺22]. **Human-Centered** [VKV⁺22]. **Hybrid** [DR20, DK21, GXSC21, LYDZ21, TMKS20, WLL20, YG20, GWW⁺22, MS21a, NNH⁺20, WCZQ20]. **Hyper** [ANG20]. **Hyper-Chaotic** [ANG20]. **hyperchaotic** [JYMP⁺20]. **hyperelliptic** [HLZ21, LIJ20]. **Hyperledger** [JKI⁺21]. **Hypothesis** [RBVV22].

IBE [KMT20, ML20]. **IBM** [BCD⁺20]. **ICMetric** [TTT⁺21]. **ID** [LSQ20, LMH⁺21]. **ID-Based** [LSQ20, LMH⁺21]. **Ideas** [Lew21]. **Idempotent** [Fag20]. **Identification** [BP20, DKJ⁺21, KLR⁺20, PPR⁺20, PZJL22, RA22, SLZ⁺21, YLZ⁺22, ZJZL20, ALZ⁺20, DJ20, RYM21, TTL⁺21]. **Identities** [Dru22, cC21c]. **Identity** [ADY⁺21, BL22b, Cam20, Cia22, CTM21, DG21, EKW22, Gou21, LHHW22, LLLZ21, LWSQ21, LLP⁺20, LWZ⁺21, ML20, POC20, SZC⁺21, SWZ22, SP20b, TTL⁺21, TCH21, TMZ⁺20, Vac20, VKKG22, WWL20, XCV22, YDS⁺20, YZL22, ZWG⁺20, ZYX⁺20, BDM⁺20, cC21c, CHJL21, CBJ22, DSDR21, DSDR22, ESW21, Hon22, LPLL20, Lee21, LGCY22, LHO⁺20, LGT⁺20, PNJ⁺22, PM21, Sar21, SMS⁺20, SSvW20, TW21, UAACH21, ZGL⁺20]. **identity-augmented** [PM21]. **Identity-Based** [Gou21, LHHW22, LLLZ21, SZC⁺21, TCH21, XCV22, YDS⁺20, ZWG⁺20, DG21, EKW22, LWSQ21, SWZ22, YZL22, ZYX⁺20, DSDR21, DSDR22, ESW21, LPLL20, Lee21, PNJ⁺22, SMS⁺20, TW21, UAACH21, ZGL⁺20]. **Identity-Discriminative** [TMZ⁺20]. **Identity-guided** [TTL⁺21]. **Identity-Preserving** [WWL20]. **IDPC** [CGJ20]. **IEEE** [ZM20]. **iFlask** [ZY20]. **II** [BBC⁺20, Mcl20]. **IID** [WL20]. **IIoT** [HN22, LXG21]. **Image** [Alb21, BVG22, CHWM21, GA22, KS21a, LYSC21, MDD⁺21, RA22, RR21, SS22, TSAS22, TZLZ21, YG20, YLLL21, Zak21a, ZZC⁺21, DSP20, DAK20b, KSSR20, SCZ⁺20, jSZyW⁺20, WLZY21, YFW20, ZWYL22, ZWZ⁺22]. **Image-Adaptive** [YG20]. **image-based** [DSP20]. **Images** [CKKH21, JKM21, LMM⁺22, RA22, WFRZ21, XJG⁺22, McC24, TSG21]. **Impeccable** [AMR⁺20]. **Implementation** [VDK⁺21, CRSSBMR21, LNE⁺20, LAKS20, MMM⁺22, PCMPCA⁺20, EIO20, FNC22, LFJ⁺20, wPHC21, ZZ21a]. **implementations** [AA20a, RMA⁺20]. **implicit** [ZZhC22]. **Implies** [CFG22, cC21c]. **Improved** [CIY⁺21, FSN21, KG20a, LC22, LIJ20, LZX⁺22, MG21, WCD21, ZCWW21, CGJ20, KS20]. **Improvement** [STK20, XWM21]. **Improving** [JZD21, NAB22, OK22, WSS⁺21, ZJK⁺22, FA21]. **impulsive** [WLZY21]. **in-Memory** [CCT⁺20]. **Inaudible** [LWH⁺22]. **Incentives** [KLZ⁺21]. **including** [Jov20]. **Increasingly** [ASV⁺21, ASV⁺22]. **Incremental** [FZL⁺20a]. **Independent** [LYCW20].

Indeterminacy [HMT⁺20]. **Index** [CC21b, LYY⁺21, WLYL20, SSvW20].
Indicator [CCKH21]. **Indicator-Free** [CCKH21]. **Indistinguishability** [Kou21, SW21, LHAM20]. **indoor** [AK20].
Induced [LDX22]. **Induction** [JCZ⁺22].
Industrial [CDF⁺21, RIW22]. **Industry** [Dod22, STG⁺20]. **inequality** [EMS21].
Inference [Kou21, LTJS⁺22, MTA⁺22].
Inferring [BSA⁺20]. **Infinite** [WDFN21, CLH⁺21, DDD21]. **infinite-use** [CLH⁺21]. **Information** [AA20b, CTM22, FAIS⁺22, HV20, LLT⁺20, LSY⁺20, NPH⁺20, WH22, ALZ⁺20, DZL⁺20, GDZL21, Wes22, YHC20].
Information-Processing [HV20].
Infrastructure [CB22, GMD⁺22, KMK22].
Infrastructures [YAZ21]. **Inherently** [ABR⁺21]. **Injection** [JIR⁺21, WCD21].
inner [CLT22, LLHG22, Tom20]. **Input** [FZL⁺20b, LMG20, LZ22, Lap22, Tom20].
Insider [LMH⁺21]. **Insolar** [KLZ⁺21].
inspired [CBJ22]. **Instability** [WLZY21].
instance [LPLL20]. **instantiation** [EIO20].
instantiations [EKW22]. **Instruction** [KLR⁺20]. **Integer** [BGG⁺22, PTZM22, VCP21]. **Integers** [DVA22, Sch21, ZSS20, TITN20].
Integrated [XZL⁺22]. **Integrating** [CISM22, SS22]. **Integration** [AAAKJ22, NAP⁺20, PK21]. **Integrity** [BKP22, HOV20, SP22a, XWW⁺20, YZL22].
Intel [CCX⁺20, CDF⁺21, vSMK⁺20].
Intelligence [Tur20, MYF20, GAGV⁺21].
Intelligent [AFS⁺22, ALZ⁺20, DZW⁺21, PA21].
intensive [HLH⁺20]. **inter** [XZL⁺22].
inter-constellation [XZL⁺22].
Interactions [Fer21]. **interactive** [GMV21].
interference [BBC⁺20]. **Internet** [AAAKJ22, ADA⁺22, EZBC22, EAH021, GWW⁺22, HRX⁺21, JZWX20, KTCI21, KS21b, KKBL20, KG20b, KSC⁺22, MYF20, NBJ21, POC20, RMMH22, SPJ20, SVK⁺22, SP20a, TSY⁺21, UAACH21, XLL⁺21, XZH⁺21, ZZ21b, ZWT22, vO20].
Internet-of-Things [KSC⁺22].
Interpolation [ZZD⁺21]. **Introduction** [AW20]. **Intrusion** [FSN21, KSA20, ZJZL20, PK21]. **inverse** [GBG20]. **Invertible** [TTP20].
Investigating [GPLK22, LYDZ21].
investigation [UAACH21]. **involving** [GJCJ20]. **IoMT** [KMK22]. **IoMT-based** [KMK22]. **IoT** [KKBL20, MYF20, AG22b, Alb21, AP21, AAH22, AAA20, AHB21, BR22, BBTC20, Bra22, CIY⁺21, CTM22, DAK⁺20a, Fer21, FA21, FBD⁺20, GPPB⁺21, GMD⁺22, GVM⁺20, GWZ⁺20, HMT⁺20, HD22, KAS⁺22, KSS⁺20, LYEK22, LAKS20, LWGW21, MMM⁺22, MBK⁺21, MBB22, PCV⁺21, QAQA21, RMI22, SRD21, SA21, SSP21, SHB22, VAV⁺20, VD21b, WQL⁺21, WDKV20, XCB⁺20, ZZQ21, ZSS⁺22, ZHM20].
IoT-based [KSS⁺20, SA21, SSP21].
IoT-Enabled [Alb21]. **IOTA** [GPPB⁺21, VD21b]. **IoVs** [VD21a]. **IP** [ASMK22, Bis21, ISK21, SNS⁺20]. **IPv6** [ATS⁺21]. **Iris** [JJKJ20, RAN22, NA20a].
Iris-based [RAN22]. **irreversible** [GBG20].
isogenies [QC22b]. **isogenous** [HJHZ22].
isogeny [HJHZ22, QC22a]. **isogeny-based** [HJHZ22]. **Isolate** [ZY20]. **Isolation** [CFGS22, WHC20]. **Issue** [AHWB20, AW20].
jammers [GSS⁺20]. **Jewels** [vO20]. **join** [SHB22]. **Joint** [AS20, STJ⁺21]. **JPEG** [PTZM22, XJG⁺22]. **Jr** [ZCWW21, ZLD⁺20]. **just** [RIW22].
K-16 [SSW21]. **K2** [MG21]. **Keccak** [VDSB22, ZCWW21]. **Keccak-MAC** [ZCWW21]. **Keeping** [Vac20]. **KEM** [DCR⁺25]. **Kernel** [CMR⁺21].
Kernel-level [CMR⁺21]. **Ketje** [ZCWW21, ZLD⁺20]. **Ketje-Jr** [ZCWW21].

Key [AZH22, AAT⁺21, BBB⁺23, BSS⁺22, BGG⁺22, FGC22, GA22, Gua21, HBS⁺20, HYZH22, ISK21, JJK⁺21, LNE⁺20, LMG20, LZ22, LZG⁺21, LLAL22, LWH⁺22, MG21, MNR⁺20, PD21, PL22, QYZ⁺21, RHC21, RHSH23, SSP21, SAKH20, SJHL21, TCH21, VSMW22, WQL⁺21, WHW22, XZH⁺21, ZQY⁺22, ZLD⁺20, BGCL20, Bra22, CDG⁺20, CLH⁺21, CC21a, DRS⁺22, Gyo20, HLSC20a, HLSC20b, JZWX20, KMT20, LB21, MS21a, MII22, MIB22, NCM22, PGCK22, PA21, QC22a, QC22b, RDS⁺22, STK23, STK20, TTT⁺21, TW21, WGYZ22, WCXW22, XCB⁺20, XMZ⁺20, XLL⁺21, YF22, uHWZ20]. **Key-Based** [GA22]. **key-dependent** [NCM22]. **Key-Expansion** [LLAL22]. **Key-Obfuscated** [ISK21]. **Key-Recovery** [ZLD⁺20]. **key-scheduling** [STK23]. **Key-sharing** [RHC21]. **Keys** [AHS22, BK23, CWS⁺21, DVA22, Goo23, ZGL⁺20]. **Keystroke** [KHV20]. **keyword** [SZM22, ZLC⁺20]. **keywords** [EIO20]. **KGC** [EKW22, LWS⁺21]. **Know** [OLS21]. **Knowledge** [CFG22, LZY21, SCW⁺21, WZXX20, YD21]. **Known** [HMT⁺20, LSY⁺20]. **KORGAN** [KKM21]. **KPI** [CBE21]. **Kravatte** [ZZD⁺21]. **Kreyvium** [RBM21]. **Kubernetes** [PL22]. **Kullback** [McI21]. **Kyber** [XPR⁺22].

label [ZAR⁺22]. **Ladder** [NS22]. **Lag** [ZZC⁺21]. **Lag-Complex** [ZZC⁺21]. **LAM** [WDKV20]. **LAM-CIoT** [WDKV20]. **laminography** [LA22]. **language** [Mog22]. **languages** [RMA⁺20]. **Large** [AALG22, BCDS22, HLJW22, LSX⁺21, LTJS⁺22, FA21, KG20a]. **Large-Scale** [BCDS22, AALG22, FA21]. **Last** [Pau21b]. **latency** [AKM21a]. **Later** [MS21b]. **Lattice** [CLH⁺21, DSDR21, KSD22, KAA22, KMT20, RHC21, RDS⁺22, TW21, WCXW22, XPR⁺22, ZBT22, CXC⁺22, DK21, DRS⁺22, jSZyW⁺20, YH22]. **Lattice-Based**

[XPR⁺22, ZBT22, CLH⁺21, DSDR21, KMT20, RHC21, RDS⁺22, TW21, WCXW22, CXC⁺22, DK21, DRS⁺22, YH22]. **Lattices** [BNBN20, LMG20, RHSH23, DSDR22, LB21, LAKWC21, PNJ⁺22, SP20b]. **law** [BMDE21]. **Layer** [CKKH21, TSDG22, XZL20, XTHL21]. **Layout** [XLL⁺22]. **Lazy** [NRS20]. **LDPC** [HBS⁺20, WCZQ20]. **Leakage** [Bis21, CSA⁺21, DH20, HYZ⁺20a, HYZH22, JFK20, LLT⁺20, LZ22, LSQ20, LHY⁺21, LZX⁺22, LDX22, QYZ⁺21, TLS⁺20, TCH21, XPR⁺22, ZQY⁺22, ZYW⁺20, ATK⁺22, ZYX⁺20, ZXQ⁺21]. **Leakage-Amplified** [ZQY⁺22, ZYX⁺20]. **Leakage-Free** [LHY⁺21, LSQ20]. **Leakage-Resilient** [HYZH22, TCH21, ZYW⁺20, TLS⁺20, ZXQ⁺21]. **Leaking** [CY22, TSFS21, vSMK⁺20]. **Leap** [HSHC20]. **Learning** [ABM21, AG22b, ASMK22, BB22, CBE21, DCSA22, Fan21, HON21, LXZ⁺22, PZJL22, RAD20, SUBG21, SLLC21, SYKL21, TMZ⁺20, VAV⁺20, WNK20, WCYL20, YYH22, ACMP21, DAK20b, SP22a, YH22, SHB22]. **ledgers** [SK20b]. **Leffler** [MII22]. **Lesion** [TRRB20]. **less** [DKJ⁺21]. **Level** [BBC⁺20, EPG⁺20, ISK21, LIS20, NAP⁺20, CMR⁺21, MYF20, SP20a]. **Leveraging** [HMLZ21, LYCW20, SWCS21]. **LFA** [LZX⁺22]. **library** [Gar21]. **Lie** [SSvW20]. **Life** [KLZ⁺21]. **lifetime** [MS21a]. **Lifting** [BVG22]. **Light** [HLG21, Koz20, MAOH21, JYH⁺20]. **light-weight** [MAOH21, JYH⁺20]. **Lightweight** [AAK⁺21, ASMK22, AHB21, BL22a, CIY⁺21, Gua21, HPGM20, HBS⁺20, JDZ⁺21, LZG⁺21, OLZ⁺20, PD21, RMI22, SSP21, TCH21, VSMW22, WHW22, ZSS⁺22, CWE⁺21, FBD⁺20, GL22, GWW⁺22, HBO21, KS21b, MMM⁺22, Mog22, RMA⁺20, SRD21, TSG21, TKP21, WMK22, XWW⁺20, YM21, uHWZ20, AP21, WDKV20]. **Like**

[LYY⁺21, JDZ⁺21, LLAL22, ST21, ZCWW21]. **Limitations** [KTCI21]. **Limited** [JLZ⁺20, TCH21]. **limits** [SAY20]. **LINE** [WH22]. **Linear** [ANSS21, JZD21, WDFN21, Zak21a, EK20, JA20, KCML20]. **Linguistic** [LZYZ21]. **Linkable** [TLD⁺20]. **Linux** [CMR⁺21]. **LMAAS** [AP21]. **LMAAS-IoT** [AP21]. **Local** [Gok21, HY20, MH21a, DSP20, KSSR20]. **Locality** [ANSS21]. **Localization** [MOP21]. **Location** [Kha21, AK20, RR20, WHSX20, WDJZ22]. **location-authentication** [WHSX20]. **location-based** [AK20, WDJZ22]. **LocAuth** [AK20]. **Lock** [SHB20, ASMK22]. **Lockout** [ISK21]. **logarithm** [VCP21]. **Login** [SCRV20]. **Logins** [Dru21]. **Logistic** [ZZC⁺21, WHF⁺20]. **Long** [YLZ⁺22, LaM22]. **Look** [ASV⁺21]. **looking** [CC21b]. **lossless** [HIMM20]. **Lossy** [HYZ⁺20a]. **Low** [CKFH22, FLYL21, LQD22, ZQY⁺20, Hug21]. **Low-Overhead** [LQD22]. **Low-Power** [ZQY⁺20]. **Lower** [AARV21, HY20, YD21]. **Lower-bounds** [AARV21]. **LSTM** [FZL⁺20a, LWL⁺21]. **LTE** [MS22b]. **Lucky** [SHB20]. **Luke** [SHB20]. **LWE** [LAKS20, NVB⁺20, SP22a, SYD21, YCL⁺20, YH22].

M2M [BL22a, YHC20]. **M2M-device** [YHC20]. **MAC** [DK21, TSDG22, ZCWW21, NA20a]. **MAC-MELBC** [DK21]. **Machine** [ABM21, CBE21, DCSA22, Fan21, HON21, Pau21b, Pau21a, SUBG21, WNK20]. **machines** [SAL20]. **Magnetic** [ISOD21, JCZ⁺22]. **MAGNETO** [ISOD21]. **Magnifying** [XPR⁺22]. **Maintaining** [TS20]. **maintenance** [MCF⁺22]. **Major** [Pau21a]. **majority** [SYD21]. **Make** [Lew20]. **Makers** [Sch20]. **Making** [GXZ⁺22]. **Malicious** [LWS⁺21, CGJ20, SYD21]. **Malicious-But-Passive** [LWS⁺21]. **malicious-majority** [SYD21]. **Malleable** [YD21]. **Malware** [VAV⁺20]. **Management** [CTM22, LHR⁺22, TADS20, BDM⁺20, CRJ⁺22, HLSC20a, HLSC20b, LGCY22, LXG21, LHO⁺20, PA21, Sar21]. **Managing** [CBN⁺20]. **MANETs** [Alb21]. **Manipulation** [MWVK21]. **Mansour** [SI22]. **Many** [XWH21]. **Many-core** [XWH21]. **Map** [ANG20, JKM21, PPS21, TSAS22, Zak21a, ZYC⁺21, KSSR20, LKX20, MII22, jSZyW⁺20]. **mapping** [WHF⁺20]. **mapping-based** [WHF⁺20]. **maps** [KCML20, MIB22]. **Markov** [YGW⁺20]. **Martin** [Sla22]. **mask** [Pan20]. **Masked** [DCR⁺25, GPPB⁺21, GXSC21]. **Masking** [GXS⁺22, LZ⁺22]. **massive** [SHB22]. **Master** [GWZ⁺20]. **Master-slave** [GWZ⁺20]. **matching** [LGT⁺20]. **MATEC** [CWE⁺21]. **Mathematical** [RRN21]. **matrices** [SSvW20]. **Matsui** [JZD21]. **maximizing** [MS21a]. **mCityPASS** [PCMPCA⁺20]. **Me** [ASG21, CC21b]. **Measurement** [LYX⁺22]. **Measures** [HON21]. **Mechanism** [ATS⁺21, CAN⁺21, GVM⁺20, WCYL20, YLZ⁺22, BBTC20, GWZ⁺20, HIMM20, LWSQ21, WDKV20, ZXY20, ZZhC22, ZCLG21]. **Mechanisms** [LWL⁺21, MCLL21, LGNEAO20]. **Media** [ADY⁺21, VKKG22, ALZ⁺20]. **Medical** [RRN21, WL21, ZWT22, CRJ⁺22, LLX⁺20, Pan20, TGC⁺21, TSG21]. **Medicine** [WNK20]. **Meet** [LC22]. **Meet-in-the-Middle** [LC22]. **meets** [CLT22]. **MELBC** [DK21]. **Member** [GPLK22]. **Membership** [LYZ⁺22]. **Memory** [BBC⁺20, CCT⁺20, YC22b, YCM⁺20, YLZ⁺22]. **memristive** [ZWYL22]. **memristor** [JYMP⁺20]. **Memristors** [CHA20]. **Mesh** [ZCZ⁺21, NNH⁺20]. **message** [DK21, NCM22, YFW20]. **Messaging** [GPPB⁺21, HLS⁺21]. **MESSB** [SP22a]. **MESSB-LWE** [SP22a]. **Metadata** [LHR⁺22]. **Metaheuristic** [Gok22]. **Metaheuristic-Enabled** [Gok22].

Metaheuristics [JDZ⁺21]. **Method** [BNBN20, ErEE20, JCKH22, LXZ⁺22, QGL⁺22, RN22, RMMH22, SKR⁺20, SK21, TTL⁺21, WHW22, WZX20, YYH22, ZZX⁺21, ABB22, BNB22, CGJ20, DJ20, JA20, SPJ20, ZWW⁺21]. **Methods** [BKM21, LWL⁺21, MH21b, KSC⁺22, VPK20]. **Metric** [GGA⁺20]. **Michael** [Ano21c]. **Micro** [ABM21]. **Micro-Architectural** [ABM21]. **Microarchitectural** [LZJZ21, SGZS21]. **Microarchitecture** [ODK20]. **Middle** [LC22]. **Middlebox** [HKC⁺20]. **middleware** [CBN⁺20]. **Mimicry** [KHV20]. **Mining** [EFPS⁺22]. **miRNAs** [BSS⁺22]. **Mitigate** [JIR⁺21]. **mitigation** [FZ21]. **mitigations** [Hug21]. **Mittag** [MII22]. **Mittag-Leffler** [MII22]. **Mixed** [TSAS22, XLL⁺22, YFW20]. **mixture** [YGW⁺20]. **mKdV** [Zak21a]. **ML** [DCR⁺25]. **ML-KEM** [DCR⁺25]. **Mobile** [ADS21, ATS⁺21, GQZ21, MS22a, SCRV20, SLZ⁺21, SCW⁺21, ZZ21b, AKM21a, HLH⁺20, JZWX20, KSS⁺20, LGT⁺20, PCC22, QC22a, RAN22, WWC⁺20, WMK22, ZCJ⁺21]. **mobility** [AKM21a, GJS20, PCC22]. **mock** [CHJL21]. **Modalities** [VK22]. **Modbus** [CISM22]. **Model** [AFS⁺22, AKI20, BAR⁺21, FZH21, FGC22, GXZ⁺22, LSX⁺21, LSY⁺20, MH21a, MVBK21, Nar22, TRRB20, ZCZ⁺21, AHB21, DAK20b, DRS⁺22, EKW22, JYH⁺20, RDS⁺22, DSDR21]. **Modeling** [LYEK22, SYKL21, WSS⁺21]. **Modelling** [BCLR22]. **Models** [ASMK22, BSA⁺20, LTJS⁺22, MS22a, YGW⁺20, YGW⁺20]. **Modern** [BG21, CY22, Hon22, HD22]. **Modification** [ZZX⁺21]. **Modified** [WLL20, DK21]. **Modular** [BMV22, SZX20, wPHC21]. **Modulation** [WLYL20]. **Module** [MDJ20]. **Modules** [JCZ⁺22]. **modulo** [CHJL21, TITN20]. **moments** [EMS21]. **Money** [ADS21]. **Monitoring** [CBE21, WSS⁺21, HIMM20, WGYZ22]. **Montgomery** [NS22, SAKH20]. **Motion** [CXZ⁺21]. **Movements** [OLS21]. **MPI** [MTA⁺22]. **MSP430X** [SAKH20]. **MTHAEL** [VAV⁺20]. **Multi** [ADS21, JK21a, KSD22, LMG20, LHY⁺21, MYF20, PPT22, RMMH22, SSP21, SCRV20, SZM22, TTL⁺21, Tom20, WWW20, WZX20, ZWR⁺20, AP21, KK20, LHAM20, LTTT20, LPLL20, LLX⁺20, LWGW21, MII22, NBJ21, RYM21, SP22a, SCZ⁺20, SP22b, TWH⁺21, WCZQ20, WZZW20, XRL⁺21, YF22, ZAR⁺22, ZLC⁺20, uHWZ20]. **Multi-Authority** [WZX20, TWH⁺21]. **multi-channel** [LTTT20]. **multi-extractable** [SP22a]. **Multi-Factor** [ADS21, SCRV20, WWW20, JK21a, AP21, LWGW21, SP22b, WZZW20]. **multi-hop** [LHAM20]. **Multi-input** [Tom20]. **multi-instance** [LPLL20]. **Multi-keyword** [SZM22, ZLC⁺20]. **multi-label** [ZAR⁺22]. **Multi-level** [MYF20]. **multi-owner** [NBJ21]. **Multi-Party** [LHY⁺21, SSP21, LLX⁺20]. **Multi-Scale** [ZWR⁺20]. **multi-secret** [YF22]. **multi-server** [KK20, MII22, WZZW20, uHWZ20]. **Multi-Signature** [KSD22]. **multi-smartphone** [RYM21]. **multi-source** [SCZ⁺20]. **Multi-target** [TTL⁺21]. **Multi-Tier** [RMMH22]. **multi-type** [XRL⁺21]. **Multi-use** [LMG20]. **multi-user** [WCZQ20]. **Multi-writer** [PPT22]. **multicarrier** [Gyo20]. **multicast** [Elt22]. **Multichannel** [WFRZ21]. **multicores** [OK22]. **multifactor** [Jov20]. **Multikey** [KLP20]. **Multilateral** [JKI⁺21]. **Multilayer** [FZL⁺20b]. **Multilayer-Perception-Based** [FZL⁺20b]. **Multimedia** [ADA⁺22, KJJ⁺21, NPG⁺22, HOV20]. **Multimedia-based** [ADA⁺22]. **Multimodal** [AFS⁺22, CN21, Gok22, ZYH⁺20, ACMP21].

Multiparty [KLP20]. **Multiple** [AHSL22, BL22b, CWS⁺21, DZW⁺21, FZL⁺20b, HKC⁺20, LWL⁺21, SKW⁺21, WFRZ21, XZL20, EIO20, GLZZ20, TSG21]. **Multiple-Input** [FZL⁺20b]. **multiple-watermarking** [TSG21]. **Multiplication** [BMBM20, CRSSBMR21, MDJ20, SAKH20, ZQY⁺20, HLZ21, wPHC21]. **Multipliers** [Lem24]. **multitask** [ACMP21]. **multitiered** [RH20]. **multitype** [KS20]. **Multivariate** [DST20, CNL⁺20]. **Murru** [NAB22]. **Mutual** [LXZ⁺22, LWGW21, TCH21, ABMPL22, AAH22, MAOH21, RO22, TKP21]. **My** [ASG21, Dru21].

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Next2You [FAIS⁺22]. **nilpotent** [SSvW20]. **NIST** [wPHC21]. **NN** [ASMK22, CWS⁺21, KLC22]. **NN-Lock** [ASMK22]. **No** [LA22]. **node** [wPHC21, SP20a]. **Noise** [WL20, YLLL21]. **Non** [BBC⁺20, FBH⁺22, LZX⁺22, MSU⁺20, jSZyW⁺20, TTP20, XZL20, YD21, YCM⁺20, KSSR20, Sar21, TITN20]. **Non-adjacent** [jSZyW⁺20]. **non-dominated** [KSSR20]. **Non-interference** [BBC⁺20]. **Non-Invertible** [TTP20]. **Non-Malleable** [YD21]. **Non-Orthogonal** [XZL20]. **Non-profiled** [LZX⁺22]. **non-residues** [TITN20]. **Non-sensitive** [MSU⁺20]. **non-transferable** [Sar21]. **Non-Triangular** [FBH⁺22]. **Non-Volatile** [YCM⁺20]. **nonlinear** [DSP20]. **Note** [Koo20]. **notice** [DJ20]. **Novel** [GVM⁺20, KSM22, LZW⁺21, QYZ⁺21, YYH22, ATK⁺22, BR22, HH21, JK21b, LXG21, SP22b, TTT⁺21, ZWZ⁺22, ALZ⁺20]. **NP** [LZX⁺22]. **NP-LFA** [LZX⁺22]. **NSCT** [TSG21]. **NTRU** [CRSSBMR21, SP20b]. **NTT** [ZQY⁺20]. **NTT-Based** [ZQY⁺20]. **NTT-Uncoupled** [ZQY⁺20]. **NTTU** [ZQY⁺20]. **Number** [HD22, HSHC20, GLY21, STK23]. **numbers** [Hug21, HD22]. **NVM** [CCT⁺20]. **NVM-Based** [CCT⁺20].

Obfuscated [ISK21, RNR⁺21]. **Obfuscation** [HYK⁺20, SW21, LHAM20]. **Obfuscation-based** [HYK⁺20]. **Object** [SCW⁺21]. **Oblivious** [YD22, SAY20]. **Observation** [ZAK⁺21b]. **Observer** [ZWYL22]. **Observer-based** [ZWYL22]. **Obtaining** [DM20]. **occur** [Koz20]. **off** [BCLR22, JJKJ20]. **offers** [Lew20]. **Offline** [LHHW22]. **offloading** [SHB22]. **On-Chip** [SGZS21]. **On-the-Fly** [DD20]. **one** [FNC22]. **Online** [Gou21, LHHW22, CWE⁺21, DJ20, ZZQ21]. **Online/Offline** [LHHW22]. **Open** [GMD⁺22, JTGJ20, LGCY22, LYX⁺22].

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 [AS22, YAZ21, ZCJ⁺21]. **Optical**
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 [AOAAK20, Nar22, TRRB20, DAK20b].
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 [CKKH21, DCR⁺25, GXSC21, ZY21,
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 [Fit22, ZYW⁺20]. **Palm** [RA22]. **PANDA**
 [MSU⁺20]. **Papers** [Lew21]. **Paradigm**
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 [MSU⁺20]. **Partitioning** [ODK20]. **Party**
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 [ZHC⁺20]. **periodicals** [TFNF21].
Permissions [Jak20]. **Person**
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 [AFS⁺22]. **Personalized** [PWL⁺22].
Perspective [MNR⁺20, RMA⁺20].
Perturbation [TZLZ21]. **PGP**
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 [HYK⁺20]. **Platform**
 [CKFH22, MVBK21, RMMH22, ZHC⁺20,
 GLY21, KCML20, MBK⁺21]. **Platoon**
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 [PGCK22]. **PLS-HECC-based** [PGCK22].

Pocket [Vac20]. **Point** [AKM⁺21b, MDJ20]. **Pointing** [MWVK21]. **polarization** [Koz20]. **Policies** [RRN21]. **Policy** [LYZ⁺22, SHHM21, Sch20, SZM22, ZZQ21]. **Policy-driven** [LYZ⁺22]. **Pollard** [VCP21]. **Polynomial** [CRSSBMR21, YDS⁺20]. **polynomials** [ZZ21a]. **Popular** [GRA21]. **Portfolio** [JKI⁺21]. **positives** [RIW22]. **Possible** [BL22b, RBVV22, TFNF21]. **Post** [AAT⁺21, NVB⁺20, LaM22, QC22b, SK20b, WCZQ20]. **Post-Quantum** [AAT⁺21, NVB⁺20, LaM22, QC22b, SK20b, WCZQ20]. **Power** [AA20b, BCP20, BP20, CKFH22, DZW⁺21, JIR⁺21, KLR⁺20, NPH⁺20, RAD20, ZQY⁺20, SSvW20]. **Powered** [XTHL21]. **Powerful** [SGZS21]. **Practical** [BSA⁺20, FWCB22, ZLD⁺20, SWLL21]. **Practice** [Fre21]. **Pre** [WYLG21]. **Pre-Authentication** [WYLG21]. **Prediction** [BMBM20, KS21a, RR21]. **Prediction-Based** [KS21a, RR21]. **Predictors** [CY22, LIS20]. **Prefix** [LP20a, LP20b]. **Preservation** [AG22b, CRJ⁺22, SCZ⁺20]. **preserved** [XZL⁺22]. **Preserving** [DC20, Fan21, GQZ21, OTK⁺22, PWL⁺22, ST20, TSAS22, VD21a, WWL20, ZHC⁺20, ZCZ⁺21, BBG⁺20, BKL⁺20, BDM⁺20, CSA⁺21, CKV22, KK20, KLC22, LLX⁺20, LLH⁺21, OK21, PA21, RR20, SKE20, SP22b, TRRB20, XWW⁺20]. **Prestige** [KSAB⁺21]. **Prevent** [ASMK22, GVM⁺20, ODK20]. **prime** [wPHC21]. **Primitive** [MMM⁺22]. **Primitives** [ABR⁺21, CHWM21, JDZ⁺21]. **Privacy** [AG22b, AAKJ22, CIY⁺21, CHWM21, CAN⁺21, CSA⁺21, CPN⁺21, DC20, EFPS⁺22, Fan21, GQZ21, Goo21, Jak20, KK20, Kha21, KAS⁺22, KLC22, KHM20, LLX⁺20, OTK⁺22, PWL⁺22, RRN21, ST20, TSAS22, TRRB20, TZLZ21, VD21a, VKKG22, WL21, XWW⁺20, BKL⁺20, BDM⁺20, CRJ⁺22, NBJ21, OK21, PA21, RH20, SCZ⁺20, SP22b, XZL⁺22, ZZQ21, AAK⁺21]. **Privacy-Aware** [CHWM21, AAK⁺21]. **privacy-preservation** [CRJ⁺22]. **privacy-preserved** [XZL⁺22]. **Privacy-Preserving** [GQZ21, OTK⁺22, PWL⁺22, ST20, TSAS22, CSA⁺21, KLC22, LLX⁺20, TRRB20, XWW⁺20, BDM⁺20, OK21, SP22b]. **privacy-protective** [ZZQ21]. **Private** [BNBN20, PCMPCA⁺20, RK21, WL20, CLH⁺21, LGT⁺20, NAB22, ZGL⁺20]. **probabilistic** [JK21b]. **Probability** [WLL20, ZWR⁺20]. **Probing** [RDM⁺21]. **problem** [VCP21]. **Problems** [GXZ⁺22]. **procedure** [MII22, MIB22]. **Process** [EFPS⁺22]. **Processing** [HV20, PSGM22, ABC⁺21, CKV22, KLC22]. **Processor** [MHS⁺20, XWH21]. **Processors** [LAKS20, ODK20]. **Product** [ST20, CLT22, LLHG22, Tom20, YH22]. **Products** [Lem24]. **profile** [KS20]. **profiled** [LZX⁺22]. **Programmable** [BRPM22]. **programming** [RMA⁺20]. **Programs** [GXSC21, GXS⁺22]. **proliferating** [HD22]. **Proof** [Cia22, KSAB⁺21, PM21, SJHL21, WLL20, CLT22, GMV21, Lew20, WHJ20]. **Proof-of-Prestige** [KSAB⁺21]. **Proof-of-Probability** [WLL20]. **Proof-of-Stake** [PM21]. **Proofs** [EPG⁺20, SAL20]. **Propagation** [HLJW22]. **Properties** [ACD20, AALG22, JSS20, CRJ⁺22]. **Property** [HLJW22]. **Proposal** [CTM22]. **Proposed** [ST20]. **Protect** [CPN⁺21]. **protected** [GSS⁺20]. **protecting** [Goo23]. **Protection** [BKP22, Bis21, NPG⁺22, SP21, TZLZ21, VKKG22, WL21, JZWX20]. **protective** [ZZQ21]. **Protocol** [EZBC22, GPPB⁺21, Gua21, GMS⁺20, LLLZ21, PCMPCA⁺20, POC20, SSP21, Sun22, TMKS20, TCH21, VD21a, WWW20, ABMPL22, Bra21, CXC⁺22, CC21a, DAK⁺20a, GL22, GJS20, GDZL21, JZWX20, KS21b, KMK22, LCZL21, MAOH21, MS22b, NNH⁺20, QC22a, RSB22,

SA21, SP22b, WGYZ22, WMK22, XLL⁺21, uHWZ20, AAK⁺21, CISM22]. **Protocols** [AAT⁺21, BCDS22, BMV22, BLG21, HKC⁺20, JK21a, LWS⁺20, MH21b, ST20, Bra22, TKP21]. **Prototype** [VKV⁺22]. **Provably** [LHHW22, QC22b, GDZL21, SP22b, WMK22]. **Proxy** [ATS⁺21, LMG20, LWS⁺21, MBK⁺21, Raw20, RMMH22, WYLG21, CLH⁺21, LHAM20, LAKWC21, DSDR21]. **pseudorandom** [Dat20, STK23, SI22]. **ptychographic** [LA22]. **Public** [BGG⁺22, CB22, FGC22, HYZH22, LMG20, LZG⁺21, QYZ⁺21, SAKH20, WQL⁺21, ZQY⁺22, DRS⁺22, ESW21, FCH21, LB21, RDS⁺22, TTT⁺21, WCXW22, YF22, YZL22, uHWZ20]. **Public-Key** [BGG⁺22, HYZH22, QYZ⁺21, WQL⁺21, ZQY⁺22, LB21, RDS⁺22]. **publish** [AHB21]. **publish-subscribe** [AHB21]. **Publishing** [WL20]. **PUF** [ABMPL22, NA20a, LYEK22, LXZ⁺22, MMM⁺22, MAOH21, SKB⁺22, TMG⁺21]. **PUF-based** [ABMPL22, LYEK22, MAOH21]. **PUFs** [HON21]. **Pulse** [Koo20, LQD22]. **Puncturable** [DSDR22]. **Punishment** [Ano21b]. **Purposes** [LV21]. **Putting** [Cam20]. **Puzzle** [AG22a]. **Puzzles** [ACD20]. **PVCS** [JK21b].

QC [WCZQ20]. **QC-LDPC** [WCZQ20]. **QoE** [CBE21, GGA⁺20, KJJ⁺21, WSS⁺21]. **quadratic** [CNL⁺20, TITN20]. **Quadruple** [JIR⁺21]. **QuadSeal** [JIR⁺21]. **Quality** [BSA⁺20, CTM21]. **Quantization** [WLYL20]. **Quantum** [AZH22, ALKP21, AAT⁺21, BKP22, BCM⁺21, BK23, CFGS22, GN25, HSHC20, MNR⁺20, PL22, SI22, Zha21, ZYD⁺20, ZMR21, Gyo20, HLSC20a, HLSC20b, LaM22, Mon20, NVB⁺20, QC22b, STK23, SK20b, WCZQ20, XMZ⁺20]. **Quantum-Resistant** [ZYD⁺20]. **Quantumness** [BCM⁺21]. **Queries** [YYZ⁺20, PCK20, WDJZ22]. **Query** [CWS⁺21, HY20, PSGM22, CKV22, KLC22, TSR⁺20]. **quick** [LGT⁺20].

R [GJCJ20]. **R-Dedup** [GJCJ20]. **Radiated** [JCZ⁺22]. **Rail** [LQD22]. **Ramanujan** [cC21c]. **Ramifications** [JMKM21]. **ramp** [EK20]. **Random** [HD22, HSHC20, Sun22, Zha21, GSS⁺20, Hug21]. **Randomized** [LZ20]. **Randomness** [BCM⁺21, DCR⁺25, LV21, WYZ⁺20]. **Range** [MOP21]. **Range-based** [MOP21]. **rank** [CHJL21, EMS21]. **Ranked** [SZM22]. **RansomCare** [FZ21]. **Ransomware** [ADSAKAD22, MCLL21, FZ21]. **Ransomware-Resilient** [ADSAKAD22]. **RAPCHI** [KMK22]. **Rare** [TADS20]. **ratchets** [KS21b]. **Rate** [AA20b, ZY21]. **ray** [LA22]. **RC4** [MS21a]. **Re** [LMG20, PZJL22, RMMH22, TTL⁺21, WYLG21, CLH⁺21, LHAM20, LAKWC21, MBK⁺21, MS22b, Raw20, DSDR21]. **re** [MS22b]. **Re-Encryption** [LMG20, RMMH22, WYLG21, LHAM20, LAKWC21, MBK⁺21, Raw20, DSDR21]. **Re-Identification** [PZJL22, TTL⁺21]. **re-signature** [CLH⁺21]. **re-signatures** [CLH⁺21]. **Real** [AOM⁺21, BCDS22, GGA⁺20, HD22, KLZ⁺21, MH21b, WWW20, ZHM20, AP21, GAGV⁺21]. **Real-Time** [GGA⁺20, WWW20, ZHM20, AP21, GAGV⁺21]. **Real-World** [AOM⁺21, BCDS22, MH21b]. **Realistic** [WWL20, XMZ⁺20]. **Reality** [MWVK21]. **Receivers** [WFRZ21]. **Recognition** [FZL⁺20a, FZH21, Gok22, GRA21, SLZ⁺21, SOA⁺20]. **Recommendations** [LV21]. **Reconciliation** [RRN21]. **reconstruction** [MMHX20]. **Record** [AS20, GLZZ20, TGC⁺21]. **Records** [GN25, RR20]. **Recoverable** [YCM⁺20]. **Recovery** [MG21, XLL⁺22, ZLD⁺20]. **recruitment** [WHSX20]. **recurrent** [PK21]. **Reduce** [DH20, ATK⁺22]. **Reduced** [LC22,

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Reinforcement [SHB22]. **Related** [BKS22, WDFN21, CHJL21]. **Relation** [VCP21]. **Releasing** [CAN⁺21]. **reliable** [BDM⁺20]. **Remember** [ASG21]. **Remote** [POC20, GZG22, HIMM20, KK20, MCF⁺22, MIB22, SRD21, TLS⁺20]. **Rendering** [MPV21]. **renewal** [HLSC20a, HLSC20b].
Replay [BKP22, WCQ⁺20].
Replay-Resilient [WCQ⁺20]. **Replication** [GN25]. **Reporting** [Gou21].
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Reputation [SNS⁺20]. **Requet** [GGA⁺20].
Requirement [AKI20]. **Requirements** [BGH⁺22]. **Research** [EFPS⁺22, JK21b, QGL⁺22]. **Reshaping** [Cam20]. **residues** [TITN20]. **Resilience** [HPGM20]. **Resilient** [ADSAKAD22, BK23, HYZH22, KKB20, RDM⁺21, TCH21, WCQ⁺20, ZZX⁺21, ZAK⁺21b, ZYW⁺20, KCML20, TLS⁺20, ZXQ⁺21]. **Resistance** [WL20, KMT20, TW21]. **Resistant** [VDK⁺21, YLLL21, ZYD⁺20, DSDR21, RFT22]. **resolvers** [LYX⁺22]. **Resource** [JTGJ20, TCH21, TMG⁺21, BR22].
Resource-constrained [TMG⁺21, BR22].
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Rings [YDS⁺20]. **Risk** [ErEE20, WDL21, vSRW⁺20]. **Risk-Based** [WDL21]. **RMKABSE** [SZM22]. **road** [LaM22]. **Roadside** [XLL⁺21]. **Robotic** [SVK⁺22]. **robots** [ZZhC22]. **Robust** [CQSN20, FAIS⁺22, KMK22, SGB20, TRB⁺21, VVPM21, YLLL21, DSP20, DAK20b, JYMP⁺20, KCML20, MCF⁺22, PA21]. **Rogers** [cC21c]. **Role** [AG22b, GPLK22, VKKG22]. **Root** [NAP⁺20]. **ROS** [LGNEAO20]. **ROS-based** [LGNEAO20]. **Rotating** [CIY⁺21, LZX⁺22].
Rotor [Pau21b]. **Round** [KLP20, LC22, YD21, ZLD⁺20, ZZD⁺21, FNC22, LYSC21, ZCWW21].
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routing [ABB22, NNH⁺20]. **RSA** [BNBN20, DVA22, SAY20, ST21, STK20, ZKY21]. **RSA-like** [ST21]. **RSS** [SOA⁺20].
RTL [ISK21]. **Rubicon** [Pau21b]. **Rules** [Kou21]. **runtimes** [OK22].
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S-boxes [KG20a, HLJW22]. **S-Vectors** [MUK22]. **SABER** [VDK⁺21]. **SAE** [Sun22]. **Saettone** [NAB22]. **safety** [LGNEAO20]. **Sampler** [ZSS20]. **Sampling** [KAA22, CGJ20]. **Santa** [BDDL20].
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 [Alb21, BL22a, CHA20, CJS⁺20, CIY⁺21,
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 TSAS22, TRB⁺21, XJG⁺22, XLL⁺22, YG20,
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 AHB21, ATK⁺22, BR22, BGCL20, CDG⁺20,
 CNL⁺20, DSP20, Elt22, FWZ⁺20, FBD⁺20,
 GWW⁺22, GZG20, GLZZ20, HBO21,
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 KCML20, KG20b, KSS⁺20, LLX⁺20,
 LXG21, LLHG22, MCF⁺22, MBB22, NA20b,
 PCC22, PGCK22, PK21, PA21, RFT22,
 RO22, SRD21, SK20b, SP20a, SLS⁺20,
 SP20b, SWK⁺20, TSR⁺20, TGC⁺21,
 TWH⁺21, UAACH21, WHSX20, WHF⁺20,
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 [Lew21, CBN⁺20]. **scoping** [VPK20].
Scoring [SNS⁺20]. **SCRIPT** [NPH⁺20].
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 [AAI⁺20a, AAI⁺20b, AGV22, ANSS21,
 CSA⁺21, SZM22, WCD21, XJG⁺22,
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 VPK20, WCXW22]. **Searching** [HSHC20].
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Secret [AA20b, Bau21, BGH⁺22, DDD21,
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 YLLL21, EK20, Hon22, JA20, KKP21,
 KK20, KCML20, LA22, MMHX20, PCO20,
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 AOM⁺21, MOP21]. **Secrets**
 [AARV21, CCX⁺20, CY22, TSFS21]. **Sector**
 [CTM22]. **Secure** [AOAAK20, Alb21,
 ADS21, ATS⁺21, AKI20, ASLB20, BL22a,
 CCT⁺20, CRJ⁺22, CWS⁺21, DCR⁺25,
 DKJ⁺21, EIO20, Fer21, FWCB22, GWF⁺21,
 GZG22, GMS⁺20, HKC⁺20, HLS⁺21,
 JTGJ20, KAS⁺22, KLP20, Koo20, LHHW22,
 LZ22, LHR⁺22, LZ20, MWVK21, MOP21,
 NAP⁺20, Pan20, PD21, PCMPCA⁺20,
 PPT22, POC20, SKR⁺20, SLL⁺21, SZX20,
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 YCM⁺20, ZYA⁺22, uHWZ20, AKY20,
 AHB21, BBC⁺21, CXC⁺22, CLT22, CC21a,
 FWZ⁺20, FBD⁺20, GJS20, GWW⁺22,
 GDZL21, HN22, HBO21, HH21, HYZ⁺20b,
 KS21b, KLC22, KSS⁺20, LLX⁺20, LLHG22,
 MBK⁺21, MMHX20, MBB22, MS22b,
 NNH⁺20, OK21, PK21, QC22b, SPJ20,
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Secure-channel [EIO20]. **Secure-GLOR**
 [NNH⁺20]. **Secured** [CN21, MAOH21].
Securing [AG22a, FA21, GPPB⁺21, LIS20,
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 [ANG20, AMGBK22, ACD20, AAARKJ22,
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 BK23, Can20, CPN⁺21, DCR⁺25, ErEE20,
 FYDX21, FWR⁺20, HLG21, JA20, JJK⁺21,
 JDZ⁺21, JJKJ20, JKM21, Jov20, KPG⁺20,
 Kha21, KJJ⁺21, LaM22, LYEK22, LLLZ21,
 LXZ⁺22, LSY⁺20, LWS⁺21, LQD22,
 LWS⁺20, MMM⁺22, MVBK21, MDJ20,
 MSU⁺20, MHS⁺20, NRS20, ODK20,
 RNR⁺21, SK20a, STJ⁺21, The20, TSDG22,
 TKP21, WSS⁺20, YCL⁺20, ZQY⁺22,
 ZSS⁺22, vO20, ABMPL22, AAA20,
 BBC⁺21, EKW22, EK20, KS20, LPLL20,
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SAS21, WZZW20, ZY20, ZYX⁺20].
Security-Centric [ODK20].
Security-First [MHS⁺20].
Security-Utility [JJKJ20]. **Segmentation** [TRRB20]. **Selection** [BAR⁺21, OTK⁺22].
Selections [PPT22]. **Selective** [PZJL22, SKR⁺20]. **Self** [ADSAKAD22, CTM21, Dru22, FBH⁺22, LLP⁺20, HLSC20a, HLSC20b, LLX⁺20, uHWZ20].
self-adjusting [HLSC20a, HLSC20b].
self-certified [uHWZ20]. **Self-Healing** [ADSAKAD22]. **self-serviced** [LLX⁺20].
Self-Sovereign [Dru22, LLP⁺20].
Self-Synchronizing [FBH⁺22]. **Selves** [BL22b]. **Semantically** [AOM⁺21].
semantics [ABC⁺21]. **semi** [WWYC21].
semi-supervised [WWYC21]. **Sensing** [LYCW20]. **Sensitive** [MSU⁺20]. **Sensor** [BAR⁺21, LHZZ20, MOP21, TSDG22, KS21b, wPHC21, ZWW⁺21]. **Sensor-based** [LHZZ20]. **sensor-cloud** [ZWW⁺21].
Separate [CGZ20]. **Separations** [AARV21].
Sequence [KLR⁺20]. **sequences** [LYSC21].
Sequentially [CAN⁺21]. **Series** [WSS⁺21, HN22]. **Serious** [ZOZ21]. **Server** [ML20, BBC⁺21, KK20, MII22, SMS⁺20, WZZW20, uHWZ20]. **Server-aided** [ML20, SMS⁺20]. **Service** [EZBC22, LLP⁺20, SSP21, ZZhC22].
Service-Based [EZBC22]. **serviced** [LLX⁺20]. **Services** [AFS⁺22, BDL22, PCMPCA⁺20, GZG20, HBO21, SAL20].
Session [LSY⁺20]. **Session-Specific** [LSY⁺20]. **Set** [Kou21, RK21, WCD21, SYD21]. **SETCAP** [EZBC22]. **sets** [DDD21]. **Setting** [LMG20, LPLL20, WCZQ20]. **SGX** [CCX⁺20, CDF⁺21, FYDX21]. **SgxPectre** [CCX⁺20]. **SHA** [DCR⁺25, FA21, LP20a, PPS21, LP20b, VDSB22]. **SHA-1** [LP20a, LP20b]. **SHA-1and** [LP20a].
SHA-256 [FA21, PPS21]. **SHA-3** [DCR⁺25]. **shady** [Pau21b]. **Shambles** [LP20a, LP20b]. **Share** [TRB⁺21]. **Shared** [CLZG22, LWH⁺22]. **Shares** [YLLL21].
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sharing-based [RFT22]. **SHARP** [VD21a].
shield [Hon22]. **ShieldNVM** [YCM⁺20].
Short [Lem24, YLZ⁺22, ESW21]. **Shoup** [LYY⁺21]. **Shunning** [BCP20]. **Side** [ABM21, AAT⁺21, BKS22, VDK⁺21, Bis21, DCSA22, FZL⁺20b, HMLZ21, HPGM20, JFK20, JCKH22, KLR⁺20, LQD22, LZJZ21, NPH⁺20, PYSJ22, RAD20, XPR⁺22, YC22b, ZYD⁺20, ZAK⁺21b, GJCJ20].
Side-Channel [ABM21, AAT⁺21, FZL⁺20b, HMLZ21, HPGM20, JCKH22, KLR⁺20, LQD22, RAD20, XPR⁺22, ZYD⁺20, Bis21, DCSA22, JFK20, LZJZ21, NPH⁺20].
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