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Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <https://www.math.utah.edu/~beebe/>

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Title word cross-reference

-Uniform [AA20b]. **-verifiable** [YF22].
.eu [GPLK22].
#151 [Gar21].
1 [BDL⁺21, LP20a, LP20b]. **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
[wPHC21]. **2** [jSZyW⁺20]. 2.5 [NAP⁺20]. **3**
[JKM21, MWVK21]. 360 [LLA⁺21]. **5**
[KSSR20]. **8** [wPHC21]. **d** [AA20b]. **k**
[CWS⁺21, KLC22, SSvW20]. **l** [HJHZ22].
n × n [SSvW20]. **P²** [VD21a]. **q**
[jSZyW⁺20, VCP21]. **Σ** [BLG21].
2 [BDL⁺21]. **2-Designs** [WDFN21]. **256**
[FA21, PPS21]. **2D** [ZZC⁺21].
3 [VDSB22]. **3DES** [APTT22].
4-Way [NS22]. **4769** [BCD⁺20].
512 [AG22a]. **5G**
[BBTC20, AZH22, Bra21, GMS⁺20, KJJ⁺21,
MCF⁺22, SHB22, YM21, uHWZ20].
5G-based [BBTC20]. **5G-Enabled**
-bit [wPHC21]. **-Degree** [LLA⁺21].
-isogenous [HJHZ22]. **-NN** [CWS⁺21].
-Protocols [BLG21]. **-PVCS** [JK21b].
-SHARP [VD21a]. **-Threshold** [LZW⁺21].

[GMS⁺20].

802.11ah [ZM20]. **80th** [Mar24].

ABE [CLZG22, LSX⁺21, WZX20, ZZQ21]. **Accelerate** [CRSSBMR21, FSK⁺22]. **accelerated** [APTT22]. **Accelerating** [DZL⁺22, GLY21, XWH21]. **Accelerator** [SKW⁺21, TRV20]. **Accelerators** [NVB⁺20]. **Access** [Ano21c, BCLR22, GVM⁺20, LZW⁺21, PCMPA⁺20, SHHM21, TSY⁺21, WWW20, WZX20, XZL20, XCV22, ZDX⁺20, AP21, ABK⁺20, ATK⁺22, BBTC20, BKL⁺20, EK20, FLTQ20, GDZL21, JK21b, LGCY22, OK21, RR20, SYD21, TFNF21, WCXW22, YC22a]. **Accountability** [BDL22]. **Accountable** [BKL⁺20, ZGL⁺20, ZWG⁺20]. **Accurate** [FYY⁺21]. **Achieving** [GWF⁺21, YHC20]. **Acoustic** [LYCW20, LWH⁺22]. **Active** [MHS⁺20]. **Activities** [SLLC21]. **Activity** [SOA⁺20]. **actuator** [ZWYL22]. **Ad** [ABB22, PA21, RAN22, SWK⁺20]. **Adaptive** [AKI20, YG20, GSS⁺20, JYMP⁺20, Lee21, NNH⁺20]. **Adaptively** [LZ20]. **adjacent** [jSZyW⁺20]. **adjusting** [HLSC20a, HLSC20b]. **Adoption** [LYDZ21, NVB⁺20]. **Advanced** [VAV⁺20, MS21b]. **Advantage** [ZMR21]. **Adversarial** [TZLZ21, WWYC21, HRX⁺21]. **Adversary** [MS22a]. **AE** [ZLD⁺20]. **AES** [MS21a, ESA21, HIMM20, LFJ⁺20, QAQA21, UMM⁺20, XWH21]. **AES-RC4** [MS21a]. **affect** [vSRW⁺20]. **affine** [BMDE21]. **after** [cC21c, Kad21]. **Against** [DCSA22, LEBM20, LWS⁺21, LMH⁺21, LHW21, LDX22, LWS⁺20, RNR⁺21, EKW22, FZ21, GSS⁺20, HYK⁺20, LZ22, LQD22, LZX⁺22, MYF20, YCL⁺20, ZXY20, ZZQ21]. **aged** [Mcl20]. **Agreement** [BCP20, Gua21, LNE⁺20, SSP21, WHW22, BGCL20, Bra22, CDG⁺20, CC21a, MII22, MIB22, PGCK22, XLL⁺21]. **ahead** [LaM22].

AI [BGH⁺22, PYSJ22]. **AI-enhanced** [PYSJ22]. **aided** [ML20, SLS⁺20, SZM22, SMS⁺20]. **AKA** [BGCL20, Bra21]. **AKA3** [MS22b]. **Alan** [Ano21c]. **algebraic** [LT22, YD22]. **Algorithm** [ADS21, CRSSBMR21, FSN21, FLYL21, JZD21, LLAL22, Nar22, OLZ⁺20, RN22, RR21, TZLZ21, WLL20, CGJ20, FNC22, HH21, KSSR20, KS20, NCM22, Pan20, ZWZ⁺22]. **Algorithm-Based** [RR21]. **Algorithmic** [BS21]. **Algorithms** [AOAAK20, BDL⁺21, MH21b, QGL⁺22, Sch21, SZX20, XWH21, FCH21, KG20a, KLC22, STK23]. **Allocation** [JTGJ20, ZXY20]. **Allocations** [ANSS21]. **Almost** [MH21a]. **am** [CC21b]. **Amazon** [TRV20]. **Amortization** [AA20b, AARV21]. **Amplification** [AARV21, QYZ⁺21]. **Amplified** [ZQY⁺22, ZYX⁺20]. **Analogue** [CHA20]. **analogues** [EMS21]. **Analysing** [LGNEAO20]. **Analysis** [AV20, AALG22, BKS22, BBC⁺20, BAR⁺21, BCLR22, BA20, BB22, DZW⁺21, GMD⁺22, HON21, JK21a, JIR⁺21, JCKH22, Jov20, KLR⁺20, LLT⁺20, LWS⁺21, MDD⁺21, PYSJ22, PI21, RAD20, SCR20, TSDG22, ZYD⁺20, ZZC⁺21, ABC⁺21, CDG⁺20, HOV20, JYMP⁺20, JA20, XCB⁺20]. **analytic** [AKY20]. **Analytical** [VK22]. **analytics** [DZL⁺20, SKE20]. **Android** [ErEE20, MVBK21]. **Animation** [JJKJ20]. **ANiTW** [ALZ⁺20]. **anniversary** [Mar24]. **anonymity** [JZWX20, PCO20]. **Anonymous** [BDL22, MH21a, WCX21, ABK⁺20, GZG20, HBO21, KSS⁺20, LCZL21, MBK⁺21, SA21]. **Anti** [TMZ⁺20, Yiu21]. **Anti-Counterfeiting** [Yiu21]. **Anti-Spoofing** [TMZ⁺20]. **Apache** [ABC⁺21]. **APIs** [KSA⁺21]. **App** [RYM21]. **Appearance** [SCW⁺21]. **applicable** [ESA21]. **Application** [BL22b, HHO⁺21, KTCI21, LP20a, MMM⁺22, MH21b, LP20b, 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, ZZD⁺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, EAHO21, 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, AKM21, 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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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 [CCKH21, CGJ20]. **Clusters** [PL22]. **CNN** [LWL⁺21, LTDZ22].

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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, HMM20].

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, HMM20].

Compression-Based [STJ⁺21].

Compression-Then-Encryption-Based [ASLB20]. **Compromise** [RHS23].

Compromises [EPG⁺20]. **Compromising** [Bis21]. **Computation** [FSK⁺22, FFK⁺22, KLC22, LLX⁺20, VDSB22].

Computational [BS21, Kou21].

Computationally [KSS⁺20].

Computations [KLP20]. **Computer** [KPG⁺20, Lew21, MHS⁺20, vO20, Mar24, McC24]. **Computing** [ATS⁺21, AHSL22, CCT⁺20, DZL⁺22, GQZ21, JTGJ20, KKBL20, RBVV22, XCV22, ZDX⁺20, AKM21, 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]. **connected** [Elt22]. **connections** [Goo23]. **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]. **Constant-Size** [FGC22, LHAM20, ZGL⁺20]. **Constant-Time** [BBC⁺20, KAA22, BBG⁺20, ZSS20]. **constellation** [XZL⁺22]. **Constrained** [Dat20, GMD⁺22, BR22, TMG⁺21, VDSB22]. **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** [FAIS⁺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** [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** [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** [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, XXL+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, 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]. **diagnosis** [LLX⁺20, MCF⁺22]. **Diagonal** [AG22a]. **dictionary** [LYSC21]. **dies** [Mcl20]. **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]. **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, AKM21, 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, ZZYL22, 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]. **Erasure** [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, PCMPCA⁺20, QAQA21, SKB⁺22, BR22, HJHZ22, KG20a, STK23, ZWW⁺21]. **Even** [CFG22, SI22]. **Even-Mansour** [SI22]. **Events** [TADS20, YC22b]. **Ever** [BL22b, RBVV22]. **Everyone** [Vac20]. **Evictions** [vSMK⁺20]. **Evidence** [MOP21]. **Evolution** [SZFX20, SMS⁺20]. **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, SCR20, WWW20, AP21, BGCL20, CC21a, FBD⁺20, JK21a, JJK⁺21, LWGW21, MBB22, RO22, SA21, SP22b, WZZW20, uHWZ20]. **Factoring**

[BGG⁺22, Sch21, BNB22]. **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** [LP20a, LWS⁺21, MHS⁺20, LP20b, Goo23, Mar24]. **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]. **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, SCR20, 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 [AKM21, 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** [Pau21b, WH22]. **HLS** [ZBT22]. **hoc** [ABB22, PA21, RAN22, SWK⁺20].

Home [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, 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** [CCKH21, 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** [CFGS22, 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, EAHO21, 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]. **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, RHCB21, 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** [RHCB21]. **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** [ZCC⁺21]. **Lag-Complex** [ZCC⁺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** [AKM21]. **Later** [MS21b]. **Lattice** [CLH⁺21, DSDR21, KSD22, KAA22, KMT20, RHCB21, RDS⁺22, TW21, WCXW22, XPR⁺22, ZBT22, CXC⁺22, DK21, DRS⁺22, jSZyW⁺20, YH22]. **Lattice-Based** [XPR⁺22, ZBT22, CLH⁺21, DSDR21, KMT20, RHCB21, RDS⁺22, TW21, WCXW22, CXC⁺22, DK21, DRS⁺22, YH22]. **Lattices** [BNBN20, LMG20, RHSH23, DSDR22, LB21, LAKWC21, PNJ⁺22, SP20b]. **law** [BMDE21]. **Layer** [CCKH21, 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** [LZY21]. **Linkable** [TLD⁺20]. **Linux** [CMR⁺21]. **LMAAS** [AP21]. **LMAAS-IoT** [AP21]. **Local** [Gok22, 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, ZZC⁺21, KSSR20, LKX20,

MII22, jSZyW⁺20]. **mapping** [WHF⁺20].
mapping-based [WHF⁺20]. **maps** [KCML20, MIB22]. **Markov** [YGW⁺20].
Martin [Sla22]. **mask** [Pan20]. **Masked** [GPPB⁺21, GXSC21]. **Masking** [GXS⁺22, LZX⁺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]. **Mobile** [ADS21, ATS⁺21, GQZ21, MS22a, SCR20, SLZ⁺21, SCW⁺21, ZZ21b, AKM21, HLH⁺20, JZWX20, KSS⁺20, LGT⁺20, PCC22, QC22a, RAN22, WWC⁺20, WMK22, ZCJ⁺21]. **mobility** [AKM21, 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, SCR20, 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, SCR20, 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]. **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].

Naked [LA22]. **Name** [KHM20].

Nanometer [TB21]. **Nanometer-Scale** [TB21]. **Narratives** [ESD⁺22]. **native** [SWLL21]. **Nazi** [Mar24]. **Nazis** [Tur20].

NDN [KHM20, WZX20]. **neighbour** [YM21]. **Net** [GRA21, WWL20].

Netherlands [Koo20]. **Network** [ABR⁺21, BSS⁺22, CCT⁺20, CJS⁺20, FZH21, Gok22, KS21a, KSA20, KLZ⁺21, PI21, RR21, VAV⁺20, WWYC21, WSS⁺21, ZJZL20, AHB21, CWE⁺21, DSP20, GSS⁺20, HLSC20a, HLSC20b, PCC22, PK21, RAN22, RO22, SHB22, SWK⁺20, YM21].

Network-Based [BSS⁺22, ABR⁺21].

Networking [BKP22, MNR⁺20]. **Networks** [AZH22, ATS⁺21, ABB22, BL22a, KJJ⁺21, LHZZ20, MOP21, NPG⁺22, TZLZ21, TSDG22, WHF⁺20, XTHL21, AK20, DK21, FBD⁺20, GJS20, GZG20, GDZL21, HRX⁺21, JHS⁺21, KS21b, LCZL21, LGT⁺20, MS22b, NNH⁺20, PGCK22, PA21, RMI22, RSB22, VVPM21, ZM20, ZWYL22, uHWZ20, XZL⁺22]. **Neural**

[ABR⁺21, CCT⁺20, Gok22, KS21a, LHZZ20, LZYZ21, LWZ⁺21, VAV⁺20, CWE⁺21, HRX⁺21, PK21, ZWYL22]. **Neutral** [ZHM20]. **News** [Mon20, Ras20].

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].

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[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].

opener [Lew20]. **operate** [SAL20].

operating [ESA21]. **Operations** [RK21].

Opportunities [AS22, YAZ21, ZCJ⁺21].

Optical [RDM⁺21]. **Optimal**

[ANSS21, BAR⁺21, KLP20, ZY21, PK21].

Optimization

[AOAAK20, Nar22, TRRB20, DAK20b].

Optimized [CRSSBMR21, OLZ⁺20, SPJ20].

Optimizing [HJHZ22, TRB⁺21].

OPTIMUS [ODK20]. **Oracle** [RNR⁺21].

Oracle-guided [RNR⁺21]. **Order**

[CCKH21, GXSC21, ZY21, CKV22,

JYMP⁺²⁰, LLH⁺²¹). **order-preserving** [LLH⁺²¹]. **Ordinal** [GXZ⁺²²]. **oriented** [Pan20]. **Origin** [GPLK22]. **ORSCA** [FNC22]. **ORSCA-GPU** [FNC22]. **Orthogonal** [XZL20]. **Oscillator** [HON21, JYMP⁺²⁰]. **Ostrom** [WDFN21]. **Our** [BL22b]. **Out-of-Band** [NRS20]. **output** [Lap22]. **Outsourced** [MSU⁺²⁰, XCV22, OK21, TWH⁺²¹]. **Outsourcing** [BMV22, SZX20, RFT22]. **Over-Scaling-Based** [ZSS⁺²²]. **Overhead** [LQD22]. **Overview** [SYKL21]. **Owner** [Goo21, NBJ21]. **Owner-Custodianship** [Goo21]. **Oxymoron** [The20].

PAASH [OK21]. **PACA** [AAK⁺²¹]. **Pairing** [BRPM22, WHW22]. **Pairings** [Fit22, ZYW⁺²⁰]. **Palm** [RA22]. **PANDA** [MSU⁺²⁰]. **Papers** [Lew21]. **Paradigm** [PD21]. **Parallel** [FLYL21, Lap22, KG20a, MS21a]. **Parallelization** [ZBT22]. **Parallelized** [Kad21, TSR⁺²⁰]. **parameters** [ESW21]. **Park** [Mar20a, Mcl20, Tur20]. **Part** [BBC⁺²⁰]. **Partial** [LZG⁺²¹, STK20]. **partially** [ZZQ21]. **participant** [WHSX20]. **participants** [DDD21]. **Partition** [LZW⁺²¹, CHJL21]. **Partitioned** [MSU⁺²⁰]. **Partitioning** [ODK20]. **Party** [LHY⁺²¹, GJCJ20, KLC22, LLX⁺²⁰, SSP21, XJ20]. **Passé** [Cam20]. **passes** [Koz20]. **Passive** [LWS⁺²¹, RHSH23, GL22]. **Passphrase** [LYCW20]. **Passphrase-Independent** [LYCW20]. **Password** [ASG21, JJK⁺²¹, SJHL21, BBC⁺²¹, WGYZ22]. **Password-Authenticated** [SJHL21, JJK⁺²¹]. **Passwordless** [Cam20]. **Passwords** [AS22, Cam20]. **Path** [MMM⁺²²]. **Patient** [AS20]. **Pattern** [LLP⁺²⁰, NPH⁺²⁰, ATK⁺²²]. **Patterns** [BB22, RA22, AKM21]. **pay** [KSS⁺²⁰]. **pay-TV** [KSS⁺²⁰]. **PBFT** [KKM21]. **Peaks** [BL22b, CGJ20]. **PEKS** [KHM20].

PEKS-Based [KHM20]. **Pell** [ST21, ZKY21]. **Pen** [BAR⁺²¹]. **Pen-Tablet** [BAR⁺²¹]. **Perceive** [WDL21]. **Perception** [FZL^{+20b}]. **Perfect** [NA20b]. **Performance** [Bis21, TSDG22, MTA⁺²², SK20a]. **Performances** [GMD⁺²²]. **Performant** [ZHC⁺²⁰]. **periodicals** [TFNF21]. **Permissions** [Jak20]. **Person** [PZJL22, RA22, TTL⁺²¹]. **Personal** [Dru22, JKI⁺²¹, GLZZ20]. **Personalised** [AFS⁺²²]. **Personalized** [PWL⁺²²]. **Perspective** [MNR⁺²⁰, RMA⁺²⁰]. **Perturbation** [TZLZ21]. **PGP** [LP20a, LP20b]. **Pharmaceutical** [STG⁺²⁰]. **PharmaCrypt** [STG⁺²⁰]. **Phase** [LQD22]. **Phones** [BP20]. **Photo** [WWL20]. **Photo-Realistic** [WWL20]. **Physical** [DCSA22, TMG⁺²¹, XZL20, XTHL21, CDG⁺²⁰, KSK20, LNE⁺²⁰, XWW⁺²⁰]. **Physical-Layer** [XZL20, XTHL21]. **Picture** [Ano21a]. **Pixel** [KS21a, RR21]. **PKI** [KKM21, TADS20]. **Place** [ESD⁺²²]. **Place-based** [ESD⁺²²]. **Plaintext** [HYK⁺²⁰]. **Platform** [CKFH22, MVBK21, RMMH22, ZHC⁺²⁰, GLY21, KCML20, MBK⁺²¹]. **Platoon** [LNE⁺²⁰]. **Platoon-based** [LNE⁺²⁰]. **PLS** [PGCK22]. **PLS-HECC-based** [PGCK22]. **Pocket** [Vac20]. **Point** [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, SS_vW20]. **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]. **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, 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, 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** [RR20]. **Recoverable** [YCM⁺²⁰]. **Recovery** [MG21, XLL⁺²², ZLD⁺²⁰]. **recruitment** [WHSX20]. **recurrent** [PK21]. **Reduce** [DH20, ATK⁺²²]. **Reduced** [LC22, QAQA21, ZLD⁺²⁰, ZZD⁺²¹, ZCWW21]. **Reduced-Round** [LC22, ZCWW21]. **reduction** [AKM21]. **Redundancy** [ABR⁺²¹]. **Referencing** [CGZ20]. **Register** [LQD22, WHC20]. **Register-Based** [WHC20]. **Regression** [GXZ⁺²²]. **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]. **Reporting** [Gou21]. **Representations** [TMZ⁺20]. **REPS** [MS22b]. **REPS-AKA3** [MS22b]. **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, KKBL20, 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]. **Resource-limited** [TCH21]. **Retraction** [DJ20]. **Retrieval** [FWCB22, LMM⁺22, SCZ⁺20]. **Reuse** [ML20]. **Reveal** [OLS21]. **Revelation** [VD21a]. **reverse** [GMV21]. **Reversible** [CCKH21, QGL⁺22, RN22, Mog22]. **Reversing** [GBG20]. **Review** [AZH22, BKM21, HHO⁺21, PYSJ22, SUBG21, VK22, XWM21, LHO⁺20, VPK20]. **Revisited** [LSQ20, MDD⁺21, CQSN20]. **Revisited*** [BCP20]. **Revisiting** [cC21c]. **Revocable** [Lee21, ML20, SZFX20, SMS⁺20, TW21, TLMY21, WZX20, XCV22, ESW21, KMT20, TWH⁺21]. **Revocation** [MH21a, ZWG⁺20]. **Reward** [Ano21b, KSAB⁺21]. **RFID** [GL22, LXZ⁺22, SCW⁺21, SOA⁺20, WCQ⁺20]. **RFID-PUF** [LXZ⁺22]. **Rider** [Nar22]. **Ring** [DST20, HON21, LAKS20, NVB⁺20, SSvW20]. **Ring-LWE** [LAKS20, NVB⁺20]. **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]. **Round-Optimal** [KLP20]. **Round-Reduced** [ZLD⁺20, ZZD⁺21]. **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].

S [HLJW22, KG20a, LKX20, LZX⁺22, MUK22]. **S-Box** [LXX20, LZX⁺22]. **S-boxes** [KG20a, HLJW22]. **S-Vectors** [MUK22]. **SABER** [VDK⁺21]. **SAE** [Sun22]. **Saettone** [NAB22]. **safety** [LGNEAO20]. **Sampler** [ZSS20]. **Sampling** [KAA22, CGJ20]. **Santa** [BDDL20]. **saturation** [ZWYL22]. **sAuth** [ZZhC22]. **Saviors** [ABM21]. **SCAB** [VD21b]. **SCADA** [CISM22]. **scalability** [FA21]. **scalable** [BBTC20]. **Scalar** [BMBM20, ST20, HLZ21]. **Scale** [BCDS22, TB21, ZWR⁺20, AALG22, FA21]. **Scaling** [ZSS⁺22]. **Scan** [RNR⁺21]. **Scandal** [Pau21a]. **Scandalous** [Pau21b]. **SCANet** [LHZZ20]. **SCAUL** [RAD20]. **scenarios** [CXC⁺22]. **Scents** [ASG21]. **scheduling** [STK23]. **schema** [MYF20]. **Scheme** [Alb21, BL22a, CHA20, CJS⁺20, CIY⁺21, CLZG22, CZC22, DST20, KSD22, LHHW22, LWS⁺21, LZW⁺21, LZX⁺22, ODK20, PPS21, PCV⁺21, PYC21, RMMH22, TSAS22, TRB⁺21, XJG⁺22, XLL⁺22, YG20, ZYW⁺20, ZHL⁺21, AMSL20, AP21, AAH22, AHB21, ATK⁺22, BR22, BGCL20, CDG⁺20, CNL⁺20, DSP20, Elt22, FWZ⁺20, FBD⁺20, GWW⁺22, GZG20, GLZZ20, HBO21,

HLSC20a, HLSC20b, JA20, JHS⁺21, JK21b, 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, XRL⁺21, XCB⁺20, XZL⁺22, YM21, YFW20, YZL22, ZM20, ZZ21b, ZZQ21, ZXQ⁺21].

Schemes
[BLG21, RHC21, WL20, ZAK⁺21b, DDD21, EK20, KKP21, VPK20, WZZW20, YF22].

scholarly [TFNF21]. **Science**
[Lew21, CBN⁺20]. **scoping** [VPK20].

Scoring [SNS⁺20]. **SCRIPT** [NPH⁺20].

SDN [Elt22, KJJ⁺21, SHB22, WWYC21].

SDN-Blockchain [SHB22]. **SDS** [SK20b].

Search [CCKH21, GWF⁺21, HY20, JZD21, JDZ⁺21, RR21, KSSR20, NBJ21, ZLC⁺20].

Search-Order [CCKH21]. **Searchable**
[AAI⁺20a, AAI⁺20b, AGV22, ANSS21, CSA⁺21, SZM22, WCD21, XJG⁺22, ATK⁺22, EIO20, TSR⁺20, TGC⁺21, VPK20, WCXW22]. **Searching** [HSHC20].

SecFHome [GZG22]. **Second** [Jov20].

Secrecy [GSS⁺20, WWW20, NA20b].

Secret
[AA20b, BGH⁺22, DDD21, GA22, LNE⁺20, LZW⁺21, LWH⁺22, LDX22, McI21, TRB⁺21, TLD⁺20, TLMY21, Tur20, YLLL21, EK20, Hon22, JA20, KKP21, KK20, KCML20, LA22, MMHX20, PCO20, RIW22, RFT22, SYD21, SLS⁺20, YF22, 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, 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, SZFX20, VD21a, VD21b, WHC20, XMZ⁺20, 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, SP22b, TTT⁺21, TGC⁺21, TSG21, Tom20, UAACH21, Vac20, WHSX20, WDJZ22, WMK22, XCB⁺20, YM21, ZZ21b, GJCJ20, NNH⁺20, POC20, LHAM20].

Secure-channel [EIO20]. **Secure-GLOR**
[NNH⁺20]. **Secured** [CN21, MAOH21].

Securing [AG22a, FA21, GPPB⁺21, LIS20, YAZ21, MYF20]. **Security**
[ANG20, AMGBK22, ACD20, AAKJ22, AS20, Ano21c, ALKP21, AW20, BG21, BK23, Can20, CPN⁺21, 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, Lee21, Lew20, LYX⁺22, MYF20, RH20, SAS21, WZZW20, ZY20, ZYX⁺20]. **Security-Centric**
[ODK20]. **Security-First** [MHS⁺20].

Security-Utility [JKJ20]. **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** [FA21, LP20a, PPS21, LP20b, VDSB22]. **SHA-1** [LP20a, LP20b]. **SHA-1and** [LP20a]. **SHA-256** [FA21, PPS21]. **shady** [Pau21b]. **Shambles** [LP20a, LP20b]. **Share** [TRB⁺21]. **Shared** [CLZG22, LWH⁺22]. **Shares** [YLLL21]. **Sharing** [AA20b, LZW⁺21, LYZ⁺22, PYC21, TRB⁺21, YLLL21, DDD21, EK20, HN22, JA20, KKP21, KK20, KCML20, MBK⁺21, MMHX20, PCO20, RFT22, RHCB21, Raw20, SYD21, SAS21, SLS⁺20, TGC⁺21, YF22]. **sharing-based** [RFT22]. **SHARP** [VD21a]. **shield** [Hon22]. **ShieldNVM** [YCM⁺20]. **Short** [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]. **Side-Channel-Resistant** [VDK⁺21]. **Sieve** [DZW⁺21]. **sieving** [VCP21]. **SIGMOD** [CLLR21]. **Sign** [AV20, SCR20]. **Sign-On** [SCR20, AV20]. **signal** [SAS21]. **Signals** [JCZ⁺22, LYCW20]. **Signature** [CJS⁺20, CZC22, DST20, KSD22, LHHW22, LSQ20, LWS⁺21, MH21a, YDS⁺20, ZHL⁺21, CXC⁺22, CLH⁺21, CQSN20, LPLL20, SK20b, SP20b, YFW20]. **Signatures** [DM20, KKM21, SK20b, CLH⁺21, TV21]. **Signcryption** [LSY⁺20, FWZ⁺20, GWW⁺22, JHS⁺21, ZXQ⁺21]. **Significance** [SP21]. **Signing** [DD20]. **SIKE** [ZYD⁺20]. **SIM** [Jov20]. **Similarity** [FWR⁺20]. **Simon** [LLAL22]. **Simon-like** [LLAL22]. **Simple** [EPG⁺20]. **Simplified** [MG21]. **simplifying** [RH20]. **Sine** [BL22b, PPS21]. **Single** [AV20, BCM⁺21, LQD22, SCR20, SZX20, LYSC21]. **Single-Rail** [LQD22]. **single-round** [LYSC21]. **SINGLETON** [KS21b]. **Singular** [Gyo20, ZZX⁺21]. **SIP** [NA20b]. **Size** [FGC22, TRB⁺21, LHAM20, STK20, ZGL⁺20]. **skyline** [CKV22, WDJZ22]. **Skype** [DJ20]. **slave** [GWZ⁺20]. **SlowDoS** [GAGV⁺21]. **SM9** [LHHW22]. **small** [LLH⁺21, NAB22, RSB22]. **small-cell** [RSB22]. **Smart** [ASLB20, CXZ⁺21, JLZ⁺20, SZM22, TSY⁺21, WHW22, ZHC⁺20, CRJ⁺22, DAK20b, GJS20, GZG22, JHS⁺21, JYH⁺20, OK21, PGCK22, SP20a, SLS⁺20, XRL⁺21, YC22a, SK20b]. **Smartphone** [KHV20, FZ21, HOV20, RYM21]. **Smartphones** [LYCW20, Vac20]. **SmartSteganography** [JYH⁺20]. **Smartwatches** [GVM⁺20]. **Smooth** [DVA22]. **SMS** [Jov20]. **Social** [ADY⁺21, JJKJ20, VKKG22, ALZ⁺20, LGT⁺20]. **Software**

[BGH⁺22, Bis21, CGZ20, LAKS20, QAQA21, ZHL⁺21, HLH⁺20, RMA⁺20]. **Software/Hardware** [ZHL⁺21]. **Solomon** [McI21]. **Solutions** [Kha21, LYEK22]. **Solve** [TMKS20, VCP21]. **somewhere** [SP22a]. **sorting** [KSSR20]. **Sound** [Kou21]. **Source** [CGZ20, GMD⁺22, Elt22, SCZ⁺20]. **sources** [RYM21]. **Sovereign** [CTM21, Dru22, LLP⁺20]. **Space** [ANSS21, LHR⁺22, GDZL21, XZL⁺22]. **Space-Efficient** [LHR⁺22]. **Space-Ground** [XZL⁺22]. **Sparse** [CCT⁺20]. **Spatial** [CFGS22, GA22]. **Spatio** [ZXY20]. **Spatio-temporal** [ZXY20]. **spatiotemporal** [LXG21]. **Speaker** [MUK22]. **Special** [AHWB20, AW20, VCP21]. **special-** [VCP21]. **Specific** [LSY⁺20]. **Specifying** [AKI20]. **Specter** [Ano21c]. **Speculative** [CCX⁺20, CY22, SKR⁺20]. **Speech** [DR20, LWL⁺21]. **speed** [MS21a]. **Speeding** [BNB22, TV21]. **Speeding-up** [TV21]. **speeds** [VDSB22]. **Spherical** [LLA⁺21]. **Spiral** [Nar22]. **SPOC** [ST20]. **Spoofing** [TMZ⁺20]. **spurious** [ALZ⁺20]. **Spy** [Pau21a, Pau21b]. **SQLite** [WSS⁺20]. **SRUP** [POC20]. **SS7** [Jov20]. **SSH** [Goo23, RSH23]. **SSI** [CTM22]. **SSL** [Koo20]. **SSL-VPN** [Koo20]. **stablecoins** [Ano20, CDM20]. **Stack** [LEBM20, RMMH22]. **stage** [CGJ20]. **Stake** [PM21]. **Standard** [FGC22, LSX⁺21, LSY⁺20, MH21a, DRS⁺22, LAKWC21, RDS⁺22, ZWT22, AG22a, DSDR21, MS21b]. **Standard-512** [AG22a]. **Standards** [HV20]. **State** [AZH22, BGG⁺22, FAIS⁺22, Kha21, ODK20, PSGM22, ZCJ⁺21, SAL20]. **State-of-the-Art** [Kha21, ZCJ⁺21]. **States** [GPLK22]. **Static** [BBC⁺20]. **Station** [Tur20]. **stations** [YM21]. **Statistical** [AAI⁺20a, AAI⁺20b, LV21, SYKL21]. **statistically** [SP22a]. **Statistics** [Fre21]. **Stealing** [CCX⁺20]. **Stealth** [BBC⁺20]. **Steganalysis** [WLYL20, ZCZ⁺21]. **Steganographer** [ZWR⁺20]. **steganographic** [SPJ20]. **Steganography** [GA22, KS21a, LWL⁺21, LZYZ21, PTZM22, RN22, RR21, SK21, WFRZ21, WCYL20, WLYL20, DAK20b, JYH⁺20, Pan20]. **stegomalware** [CMR⁺21]. **still** [HD22]. **stochastic** [OK22, WLZY21]. **stolen** [Goo23]. **Storage** [CLZG22, LLLZ21, LZG⁺21, SHHM21, SZC⁺21, XLL⁺22, LLH⁺21, PK21, SP22a, SWLL21, YZL22]. **Stored** [ANG20]. **storing** [Raw20]. **strand** [ZWZ⁺22]. **Strategy** [GQZ21, KHM20, Koz20]. **Stream** [BKS22, FBH⁺22, MG21, LT22, ABC⁺21, FNC22, LHZZ20]. **Stream/block** [LT22]. **Streaming** [BSA⁺20, CBE21, XWW⁺20]. **Streams** [FLYL21, PWL⁺22, PPT22, SKW⁺21]. **strength** [STK23]. **Strong** [EK20]. **strongly** [ZZ21b]. **Structure** [LZW⁺21, SGZS21, SLL⁺21, HOV20, MS21a, SYD21]. **Structured** [LHY⁺21]. **structures** [EK20, JK21b, XWW⁺20]. **Students** [Fre21]. **Study** [AMGBK22, GRA21, XPR⁺22, RIW22, ZWT22]. **subpipeline** [MS21a]. **subscribe** [AHB21]. **subspace** [JA20]. **Subversion** [LWS⁺20, YCL⁺20]. **Success** [ZY21]. **Suitable** [PPS21]. **suite** [DAK⁺20a]. **Sum** [SI22, WZXX20]. **summation** [MII22]. **Sunway** [LFJ⁺20]. **supercomputer** [LFJ⁺20]. **supersingular** [QC22a, QC22b]. **supervised** [WWYC21]. **Supply** [CTM21, KLR⁺20, Yiu21]. **Support** [CTM21, KS21a, VKV⁺22]. **Supporting** [LZG⁺21, LYZ⁺22, RDS⁺22]. **Surveillance** [PPS21]. **Survey** [ADY⁺21, ACD20, AHSL22, BBB⁺23, FYDX21, Kha21, LZJZ21, MCLL21, PI21, RLZ⁺21, RHCB21, SS22, XZH⁺21, ZDX⁺20, AGV22, FCH21, GBG20, KSC⁺22, RMI22, SAS21, WYZZ21]. **SVP** [Sch21]. **Swapping** [LWZ⁺21, Jov20]. **Swarm** [JDZ⁺21]. **Swarm-like** [JDZ⁺21]. **Switch** [MMM⁺22, SKW⁺21]. **Switch-based** [SKW⁺21]. **Switching**

[DH20]. **Sybil** [PM21]. **Symmetric** [ANSS21, BBB⁺23, CSA⁺21, HLSC20a, HLSC20b, SK20a]. **symmetrically** [SKE20]. **synchronization** [JYMP⁺20, ZWYL22]. **Synchronizing** [FBH⁺22]. **Synthesis** [ISK21, NVB⁺20, WWL20]. **System** [ASLB20, BBC⁺20, CTM22, DR20, FSN21, JKI⁺21, KSAB⁺21, NAP⁺20, PPR⁺20, SOA⁺20, SZM22, TADS20, WCX21, WL21, YCM⁺20, ZYH⁺20, ZWG⁺20, AK20, CRJ⁺22, GL22, WGYZ22, XWW⁺20, YF22, YZL22, ZY20, ZWW⁺21]. **System-Level** [BBC⁺20, NAP⁺20]. **Systematic** [BKM21, LFJ⁺20]. **Systematically** [MDD⁺21]. **Systems** [AV20, AKI20, CDF⁺21, DKJ⁺21, FWCB22, HLG21, HHO⁺21, Kad21, KPG⁺20, KSK20, LNE⁺20, MH21b, PSGM22, XZL20, XLL⁺22, Yiu21, ABC⁺21, AAH22, Bra22, CDG⁺20, CNL⁺20, ESA21, FCH21, GMV21, HD22, KSS⁺20, LHO⁺20, WYZZ21, WLZY21].

Table [HLJW22]. **Tablet** [BAR⁺21]. **Tablets** [BP20]. **TagAttention** [SCW⁺21]. **Tags** [TB21]. **TaihuLight** [LFJ⁺20]. **Tamarin** [BCDS22]. **Taming** [HLH⁺20]. **Tamper** [SJHL21]. **Tamper-Proof** [SJHL21]. **Tampering** [HYK⁺20]. **Tangle** [GPPB⁺21]. **target** [TTL⁺21]. **task** [SHB22]. **Tasks** [AOM⁺21, KSAB⁺21, MTA⁺22]. **Taxonomy** [ADA⁺22, MCLL21, VPK20]. **TCP** [CISM22]. **teaching** [DAK20b]. **tech** [Hon22]. **Technical** [AAAKJ22, SAS21]. **Technique** [ASLB20, NPG⁺22, RN22, SGB20, STJ⁺21, ALZ⁺20, DDD21, NNH⁺20, SPJ20, TSG21]. **Techniques** [AOAAK20, DH20, DZW⁺21, MDD⁺21, PI21, RA22]. **Technologies** [Cam20]. **Technologists** [Sch20]. **Technology** [AHWB20, HHO⁺21, VK22, Yiu21, FA21]. **Template** [SP21, SK20a, TTP20]. **Templates** [ANG20, CN21]. **Temporal** [EZBC22, ZXY20]. **Temporary** [LSY⁺20]. **Tensor** [ZCZ⁺21]. **Term** [YLZ⁺22]. **TESA** [MUK22]. **Test** [BCM⁺21, LSX⁺21, LZG⁺21, LMH⁺21, LV21, DRS⁺22, Koz20, LB21, LWSQ21, RDS⁺22]. **testing** [ZZQ21, RBVV22]. **Text** [ALZ⁺20]. **Their** [AMGBK22, HPGM20, Sar21, Vac20]. **theoretic** [GLY21]. **Theoretical** [ZY21]. **Theory** [LYDZ21, MOP21, WCD21, ZJK⁺22, SYD21]. **theta** [CHJL21]. **Things** [KKBL20, ZZ21b, FA21, XWM21, AAAKJ22, ADA⁺22, GWW⁺22, HRX⁺21, KS21b, KG20b, KSC⁺22, MYF20, NBJ21, POC20, RMMH22, SPJ20, SVK⁺22, SP20a, TSY⁺21, UAACH21, XZH⁺21, ZWT22]. **Third** [XJ20, GJCJ20]. **Third-party** [XJ20, GJCJ20]. **threat** [Mon20]. **Threats** [AMGBK22, ASMK22, EFPS⁺22, MYF20, WWC⁺20]. **Three** [LQD22, CGJ20, CC21a, MBB22]. **three-factor** [MBB22]. **three-factor-based** [CC21a]. **Three-Phase** [LQD22]. **three-stage** [CGJ20]. **Threshold** [KKM21, LZW⁺21, MMHX20, JA20, JK21b]. **Throughput** [UMM⁺20]. **Throughput/Gate** [UMM⁺20]. **THS** [CGJ20]. **THS-IDPC** [CGJ20]. **Thwart** [TB21]. **Ticket** [ATS⁺21]. **Ticket-Based** [ATS⁺21]. **Tier** [RMMH22]. **TIGFET** [LQD22]. **TIGFET-Based** [LQD22]. **Tight** [LPLL20]. **tighter** [CLT22]. **Tightly** [LLHG22, Tom20]. **Time** [BBC⁺20, GGA⁺20, KAA22, KS20, WWW20, WSS⁺21, ZHM20, AP21, BBG⁺20, GAGV⁺21, HN22, ZJZL20, ZSS20]. **time-series** [HN22]. **Time-variant** [KS20]. **Timing** [Bis21, CRSSBMR21, JFK20, TMG⁺21]. **Timing-aware** [TMG⁺21]. **Timing-Optimized** [CRSSBMR21]. **TLD** [GPLK22]. **TLS** [Hug21, HD22]. **Token** [KLZ⁺21]. **tolerant** [ABR⁺21]. **Tools** [vO20, RIW22]. **Topic** [LZYZ21].

Topic-aware [LZYZ21]. **Touch** [ZCJ⁺21]. **Touch-based** [ZCJ⁺21]. **Touristic** [PCMPCA⁺20]. **Trace** [YYH22]. **Traceability** [Yiu21]. **Traceable** [LHW21]. **Traces** [FZL⁺20b]. **Tracing** [SCW⁺21, CMR⁺21]. **Tracking** [NPH⁺20]. **Tract** [LYCW20]. **Trade** [BCLR22, GPLK22, JJKJ20, LA22]. **Trade-off** [BCLR22, JJKJ20]. **Traffic** [ASV⁺21, ASV⁺22, BSA⁺20, CBE21, GGA⁺20, PI21, WSS⁺21, YLZ⁺22, ACMP21, CGJ20, CWE⁺21, DZL⁺20, GAGV⁺21, LHS⁺22, LXG21, RYM21, WWYC21, YGW⁺20, ZAR⁺22]. **Trails** [JZD21]. **Traitors** [LHW21]. **Trajectory** [WL20]. **transaction** [XRL⁺21]. **Transfer** [LWZ⁺21]. **transferable** [Sar21]. **Transform** [KSM22, LLA⁺21, PTZM22, SK21, YG20, GLY21]. **Transformer** [MUK22]. **Transition** [SP21, LaM22]. **transmission** [Pan20]. **Transparent** [XJ20]. **Transportation** [KSK20]. **Trapdoor** [HYZ⁺20a]. **Tree** [FGC22, LHY⁺21]. **Tree-Structured** [LHY⁺21]. **trends** [WWC⁺20]. **Triangular** [FBH⁺22]. **Trigger** [HMLZ21]. **Triple** [DC20]. **trojan** [LA22, HMLZ21]. **true** [LGT⁺20]. **Truncation** [BVG22]. **Trust** [DM20, NAP⁺20, TS20, MYF20, ZWW⁺21, LP20a, LP20b]. **trust-based** [MYF20]. **Trusted** [CB22, JSS20, GWZ⁺20, FLTQ20]. **Trustworthy** [XJ20, ZHC⁺20, TGC⁺21]. **TrustZone** [ZY20]. **Truth** [PWL⁺22]. **TSCRNN** [LXG21]. **TU** [SAY20]. **Tunable** [SKB⁺22]. **TV** [KSS⁺20]. **Tweakable** [LC22]. **Twilight** [Pau21a]. **Two** [ANSS21, CCKH21, CPN⁺21, JJK⁺21, LIS20, LHZZ20, Zak21a, BGCL20, FBD⁺20, KLC22, SA21, SP20a, uHWZ20]. **Two-Dimensional** [ANSS21, Zak21a]. **Two-Factor** [CPN⁺21, JJK⁺21, FBD⁺20, SA21, uHWZ20]. **Two-Layer** [CCKH21]. **Two-Level** [LIS20, SP20a]. **two-party** [KLC22]. **Two-stream** [LHZZ20]. **TX2** [DZL⁺22]. **type** [ST21, XRL⁺21]. **types** [YD22]. **Typing** [BP20].

U [WWL20]. **U-Net** [WWL20]. **UAV** [SWK⁺20]. **ultra** [GL22]. **ultra-lightweight** [GL22]. **ultrafast** [Koz20]. **Unauthorized** [GVM⁺20]. **Unclonable** [TMG⁺21]. **Uncoupled** [ZQY⁺20]. **Undergraduate** [Fre21]. **Understanding** [SKR⁺20, WZZW20]. **Underwater** [MOP21]. **unidirectional** [CLH⁺21, LHAM20]. **Unified** [BNBN20]. **Uniform** [AA20b]. **Unintentional** [ISOD21]. **Union** [GPLK22]. **Unit** [XLL⁺21]. **Unit-assisted** [XLL⁺21]. **Universal** [YH22]. **Universally** [Can20]. **Universe** [LSX⁺21]. **University** [CKFH22]. **unknowns** [HMT⁺20]. **Unlinkability** [ZJK⁺22]. **Unlinkable** [TLMY21]. **unpredictability** [PCO20]. **Unrolled** [DH20]. **Unseen** [McC24]. **Unsupervised** [PZJL22, RAD20, TTL⁺21]. **Untrusted** [NAP⁺20, SZX20, SAL20]. **Unverifiable** [KSAB⁺21]. **Updatable** [HYZ⁺20a]. **Update** [POC20]. **Updated** [Nar22]. **URAP** [GL22]. **Usable** [The20]. **Usage** [KSA⁺21]. **USB** [ISOD21]. **Use** [DD20, POC20, SW21, CLH⁺21, LMG20, TFNF21]. **used** [Mar24]. **Useful** [KSAB⁺21]. **User** [ADA⁺22, BAR⁺21, BP20, CAN⁺21, DR20, LYCW20, PD21, SLZ⁺21, SLLC21, VKKG22, WWW20, WWC⁺20, BGCL20, KS20, MIB22, PCC22, SRD21, TLS⁺20, WCZQ20, WYZZ21]. **User-Centric** [CAN⁺21]. **User-Gateway** [PD21]. **Users** [NRS20, WDL21, JZWX20, Vac20]. **USIM** [YHC20]. **Using** [BNBN20, BAR⁺21, BVG22, BB22, BLG21, CHA20, DVA22, DM20, FSN21, FFK⁺22, GPPB⁺21, GNGT21, GRA21, HBS⁺20, KSD22, KKBL20, KLR⁺20, LTDZ22, MWVK21, MHS⁺20, NPH⁺20, PPS21, PD21, PTZM22, POC20, RA22, RN22, RR21, SHHM21, SJHL21, TRRB20, WCD21,

XJG⁺22, YYH22, Yiu21, ZBT22, AKM21, AK20, DK21, DAK20b, FA21, GAGV⁺21, GSS⁺20, HIMM20, JA20, KSSR20, KK20, KS20, MYF20, MS21a, MII22, MIB22, Pan20, PA21, RR20, SK20a, SRD21, SP20a, TS20, VCP21, VD21b, WHJ20, XWW⁺20, YC22a, YM21, ZAR⁺22, ZY20, ZWT22, uHWZ20]. **Utilising** [KPG⁺20]. **Utility** [JJKJ20]. **Utilizing** [KAS⁺22, LQD22].

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