A Complete Bibliography of *Computers and Security*, 2020–2029

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: http://www.math.utah.edu/~beebe/  

31 October 2022  
Version 1.14

Title word cross-reference

#31415 [KLA+22]. *Segments* [WZX+22].  
5 [BBBB+20]. 1 [RCD21]. *K* [XHTZ20, LS20, SHK+21, SYG+21]. *n* [MT21c, OO21]. *S*4 [OX22]. *Z* [HZZ20].  

*nix* [LCSD20].  


/102599 [HuRMMW22].  

1.2 [TO22]. 1553 [DMRV21]. 19 [KSVY22, LSN+21, SAJP22].
2.0 [WLC+22]. 2020 [Ano20a, Ano20b, Ano20c, Ano20o, Ano20r, Ano20q, Ano20s, Ano20t, Ano20u, Ano20v, Ano20p, Ano20w]. 2021 [Ano21a, Ano21b, Ano21c, Ano21p, Ano21r, Ano21q, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21y]. 2022 [Ano22a, Ano22b, Ano22c, Ano22p, Ano22q, Ano22s, Ano22t, Ano22u, Ano22v, Ano22w, Ano22y]. 2PC [ZFWL22]. 2PC-based [ZFWL22].

5.0 [MVH+21]. 5G [GC22, JB21, Mit20, NR22, YM22].

6LoWPAN [ZMQ21].

802.11ah [ZM20].

adversary [DGH21], advertising [SZL22], adware [AA22b], affect [SHK21, vSRW20], affected [MTK22], affecting [BCP22], affective [FVFP21], Aflot [DCH+22], after [Fur22, KN20, KSZY22], Against [CCO+20, SYA+21, AWA20, AQA21, CGS22, CLS22, DG20, DS20, GMPMS21, HCLRM20, HZX+21, HXZ+21, HZ20b, HLYZ21, HZ22, LKA+21, LL22b, LX21, LWW+21, LXZ+22, LJO+20, LLCL22, MT21c, PBG22, QY22, RZ20b, RZW+20, SMM22, SKG21, TWL22, Wan21, WNZ+22, XLZ+22, XHL20, XH+22, YWZH22, ZNL+20, ZHZ+22, ZCJ+20]. age [LSN+21].
Anomaly-based [KTGDE20, YLL +22]. Anonymity [SHK +21, LS20, XCSZ21, YFO +21]. anonymization [FMA22], anonymous [ABK +20, OO21, SJX +20, XCSZ21], antecedents [SA22]. Anti [MRSV21, GMBV21, GMPMS21, LL21a, NBBS22, SGSS22, VK22, WS21, WTC +22], anti-forensics [WS21, WTC +22], anti-fraud [VK22], anti-malware [GMPMS21, LL21a, AAAAS20, XCSZ21], anti-phishing [GMBV21]. Anti-Repackaging [MRSV21], anti-virus [SGSS22], Anticipating [DGH21], AntiTomo [LXZ +22], antiviruses [BCdGG20, BDC +22], anti-forensics [WS21, WTC +22], anti-fraud [VK22]. Anti-malware [GMPMS21, LL21a, NBBS22, SGSS22, VK22, WS21, WTC +22], anti-forensics [WS21, WTC +22], anti-fraud [VK22], anti-malware [GMPMS21, LL21a, AAAAS20, XCSZ21], anti-phishing [GMBV21]. Anonymity [SHK +21, LS20, XCSZ21, YFO +21]. anonymization [FMA22], anonymous [ABK +20, OO21, SJX +20, XCSZ21], antecedents [SA22]. Anti [MRSV21, GMBV21, GMPMS21, LL21a, NBBS22, SGSS22, VK22, WS21, WTC +22], anti-forensics [WS21, WTC +22], anti-fraud [VK22], anti-malware [GMPMS21, LL21a, AAAAS20, XCSZ21], anti-phishing [GMBV21]. Anticipating [DGH21], AntiTomo [LXZ +22], antiviruses [BCdGG20, BDC +22], anti-forensics [WS21, WTC +22], anti-fraud [VK22], anti-malware [GMPMS21, LL21a, AAAAS20, XCSZ21], anti-phishing [GMBV21]. Anomaly-based [KTGDE20, YLL +22]. Anonymity [SHK +21, LS20, XCSZ21, YFO +21]. anonymization [FMA22], anonymous [ABK +20, OO21, SJX +20, XCSZ21], antecedents [SA22]. Anti [MRSV21, GMBV21, GMPMS21, LL21a, NBBS22, SGSS22, VK22, WS21, WTC +22], anti-forensics [WS21, WTC +22], anti-fraud [VK22], anti-malware [GMPMS21, LL21a, AAAAS20, XCSZ21], anti-phishing [GMBV21].
Automatic [CMFU A+20, JLS22, SDG20, ZQMC20, SHM22a, XWW+20].
Automatically [ZYL+20, ZLY+21, TO22]. Automating [MM21, TRM22].
Automation [GCS22]. Automator [ACG20].
autonomous [KKJ+21, PX21]. AutoVAs [JK21a]. AV [BCdGG20]. Avaddon [YP21].
Availability [ASB+21]. aviation [DCS+22]. avionic [DMRV21]. aware
[AJ20, ABK+20, JB21, JL22, LW+22, MCS22, ZTY+20b]. Awareness
[HMPS20, WM20, AMD+21, AMA21, BTDH20, CC20, HG21, HSS+22, KG21, RSE20, SEG+22, TK21, vdSF21].

B [FL21, LWS+20, LWLT21]. Backdoor
[GLB+22, SYA+21, AKWR21, LLLC22, XMK21, XHW+22]. backdoors
[ZY+22]. Background [DDCK22]. bad [TRH21]. Badaslr [Jan22].
Balancing [XCSZ21]. bank [VK22]. banking [KKS+22, SCCZ20]. Barriers
[HNH+22]. base [ZZJC20]. Based
[AAB22, LsxJ22, QYJ22, Qxs+22, VAW+20, YWX+22, SHM22a, AHSZ21, AHC22, AJ20, AA22a, ABAM22, ADQ+20, AA22b, AK20, ATMN20, ACKS22, ACLA22, ASA21, AA20, AYS20, AZ20, AES22, AZDF20, ACC+20, ADC+20, AO22, BTAB22, BKS22, BBA20, BBM21, BA20, BS20, CLX21, CB22a, CCL+22, CRP22, CYL+21, CZX+21, CZZ+21, CTH+22, CTKG22, CLT20, DC20, DKSS20, DL21, DS20, DA20, DCH+22, EYHZ20, FHSQ20, FX22, FHZ+22, FSN22, FMU22, FD+22, GSS20a, GMBN21, GFI+22, GJJ22, GKC22, HMK+20, HYW+21, HHS20, HDS21, HMS21, HuRM21, HMM21, HLL+21, HZM21, HCLRM20, HZ20a, HZ20, HXZ+21, HXZ+20, HSK22, IE22, IHJZ21, JKR+21, JFQ+22, JG22, JLQ+20, JCJ+21, KDDM20a, KDDM20b, KK22, KS20, KM21, KAK21, KEK+21, KC22, KZY222, KTGD20, KSSL22, KEK+22, LTL+22, LCC+22, LCZ20, LWS+20, LL+20, LGL21]. based
[WJT+22, GL20, XGS+21, XLY+20, XYH+20, XZ20, XW+20, XHWL20, YMR+22, YZL+20, YL20, YLS+22, YWK+22, YHZ+22, YLL+22, YSM+21, YLZ+21, YWW22, YWL+20, YXL+22, ZPP20, ZJL+20, ZLF+20, ZWW+21, ZYH+22, ZJW+22, ZHL22, ZGM21, ZL22, ZYH+22, ZJW+22, ZY21, ZHL22, ZGM21, ZL22, ZYH+22,
ZZCD20, ZD21, ZFWL22, ZZJC20, ZJJS+22, ZSGB+22, ZTJ+21, dSGF20, GZS+22, RXFZ21, LL21b, RKH+22, YCCZ21. bases [DPKHP22]. 
botnet [CCL+21, MMIS22, SS22, ZPP20]. Botnets
[TLT22, KSSL22, PCK20, PMF+20]. bounds [CXLV20], box [AKWR21, CLS22, QY22, RZW+20, WYW+22, WYJ+22, YS22, ZHZ+22, ZCD+22].
[PNK20]. Bringing [WLC+22]. broad [LZG+22]. broadcast [TH21].
 Browser [GZS+22, HG20]. browsing [FFPC22, LCL+20]. BSVD [YLPZ21].
 buer [LZD+22]. bugging [MBSE22]. Building [CC20, GCS22, LCZW20, RCA20].
 bytes [DSN+22].
cache [ZYH+21]. CAE [CVL22]. CAESAR8 [LHYW22]. calculate
[EAN+22], call [AZ20, AZES21, CMMST22, DS21, STM+20]. calls
[DSN+22, SLBG21]. camera [CRS+22, LWZ+21, WWH+22, ZWW+21].
camouflage [CLS22]. Can [CDG22, MD22, SPV20, AMD+21, SL20, SCSO20, TLPY21, WZZ+22, AA22a, TLKW20]. CAN-ADF [TLKW20].
cancelable [YWK+22]. Cancellable [LTU+21, TTP20]. capabilities
[BCP22, IB20, SVP21, SLBG21]. Capability [vdKWH20, SL20].
capable [HHL+22]. CAPEC [RHH+22, SHM22a]. capitulation [MD22].
CapsNet [ÇUD21]. CAPTCHA
[AA20, DA20, HCLRM20, OZW+21, PA20]. capture [SCVB21]. Capturing
[IFHM22, WJT+22]. cards [AMAA21, JZQ+22]. carving [FXL+20]. case
[AGM20, AMD+21, FFPCC22, GKB21, Mit20, NDDH+21, RDM20, SBL20, YK22b, LGJW21]. cases [Jan22]. Catch [BTAK21]. categories
[CZH21, LWL21]. Categorization [DKSS20, CNTBG21]. categorized
[ZYL+20]. cause [SCS20]. caves [YPT22]. CAVP [JLB22]. CDNs
[GMY22]. Cellular [GC22]. Center [ÖÖÖ22, PT20]. centralized
[KZYZ22]. centric [ADÖU+20, MKC+21]. CEP [LLB22]. CEP-based
[LLB22]. certificate [AHSZ21, KJR+20]. Certificateless
[FMU22, GPK21, ZY21]. certification [CDN21, AMNR20]. certifications
[CSRA22]. CFG [JPL20]. CFI [FDK+22, JPL20]. Chain
[HHS22, BS20, TDM+21]. chains [SSTRD22]. Challenge [AMAA21].
Challenge-response [AMAA21]. Challenges [BCS+21, CSRA22, DCB+21, GBS22, GMLB22, GCV22, MAHK21, PCK20, AWVG20, AKT21, BBA+21, BRMM22, BCKN22, BBA20, BCdGG20, CDF+20, DCS+22, GG22, GMB22, HAKK21, KKAS21, MAL22, SEG+22, SPZ+20, SCVB21, YW21].
Chameleon [CSKD22]. change [ATMN20]. changed [KSVY22]. changes
[WHPL21]. channel [CLL+21, CDN21, Gal20b, GJLS21, HHS20, JZQ+22, LLLZ21, MT21c, OYZ+20, SMvH+21, WSQ+22, Yan20]. channels
[MVH+21, vDK22]. character [ZYL+22]. character-level [ZYL+22].

Classification

[YWX+22, BS20, ÇÜD21, CRP22, CKV22, DCÜD22, DA20, DZZ+21, GCZ21, GMP20, GSS+21b, GJCI20, HLP22, yKK22, KL22, LLL+22a, MAAA20, MRL22, MGG+20, NFVN+22, NMCRB21, OS22, Ow20, RHH+22, RRMSM+20, SAA20, SBB+20, TY22, TLKK20, VAW+20, VMS20, Vu22, WZCP20, WTW21, XGS+21, YSM+21, YWL+20, ZM22, ZJJS+22, ZSB+22]. classifier [ACKS22, CLX21]. classifiers [AKAFQ22, CCL+22, SHK+21].


[KDDM20a, KDDM20b]. **Communizer** [IE22]. **companies** [MGTK22, MBKD21]. **companion** [BA20]. **company** [GMBV21]. **comparable** [IB20]. **Comparative** [ZJW+22, SVPM21, SGVA21, WFT22]. **competence** [BBJ20]. **competition** [Arc20]. **competitions** [LHGB21]. **Compile** [ZTY+20a]. **Compile-time** [ZTY+20a]. **Compiler** [CCO+20]. **Compiler-Enforced** [CCO+20]. **compiling** [ATGK22]. **complex** [GTGHAG22]. **Compliance** [PNK20, CXC22, HG20, KKP22, MCJPS22, MD22, TN21, XWY21]. **compliance-eliciting** [KKP22]. **compliant** [KTH20, MLV+21]. **components** [SCSO20]. **composed** [MAR22]. **Comprehensive** [AN20, MVH+21, AAAT22, DPK20, HSv+22, KAS21, LKW+20, MAL22, MBP20, SMh+21, TKS21, VF22]. **compressed** [ZWW+21]. **compression** [LRH+21]. **compressive** [DABB20]. **Compromise** [OO21]. **Compromise-resilient** [OO21]. **computation** [BK22, LLX+20]. **Computer** [RZ20a, BTAK21, LGXZ22]. **computerized** [KKP22, RKG20]. **Computers** [GZ20, GZG20, HuRMMW22, HZG20, GSE20]. **computing** [DL21, FGWJ20, FMAC21, GG21, KKR21, LMZZ22, Mit20, OO21, PSN+22, SRCP22, SC21, TV20, YWZ20, ZZW+21, ZHJ+21]. **concealed** [LZL+22]. **Concept** [GMLB22, BBBB+20, FK22]. **conceptual** [Ade21, KG20, VF22]. **concern** [COH21, SSL20]. **concerns** [GSLS21, MB20b, QS22]. **concolic** [BCD21]. **Conditions** [IMN22]. **condence** [MCJPS22]. **confidentiality** [MT21a]. **configuration** [GDG21, PCR22]. **conflict** [SCSO20]. **CoNN** [LCC+22]. **CoNN-IDS** [LCC+22]. **connected** [MSP+20, PX21]. **Consciousness** [HG21]. **Consensus** [AKH20, ASB+21, MLM20, WSC+20]. **consensus-based** [MLM20]. **consent** [KK20, WB22]. **considered** [HMB+21]. **considering** [OSTO20]. **Consistency** [RKS20]. **constellation-based** [RTBK21]. **Constrained** [SYG+21]. **constraint** [AJ20]. **constraints** [BBBB+20, Ht21, WTL+21, XWW+20]. **construction** [XWW+20]. **contactless** [AMAA21]. **container** [GBK21]. **containing** [SYG+21]. **content** [CLS22, LMZZ22, Wes20]. **Context** [ABK+20, CL20, HLZ+21, JLB22, ZZCD20]. **Context-aware** [ABK+20, JLB22]. **Context-based** [CL20]. **contexts** [LK20]. **Contextual** [CVL22, AZ20]. **Contextualising** [PFR20]. **Continuous** [LZHL20, SSS+21, TSCM21, FEA22, KG20, LHAE22, SMCP21]. **contour** [CZX+21]. **contours** [CZX20]. **contract** [XX20]. **contracts** [DSC20, HZL+21, PHH+20, SPZ+20]. **Contrastive** [YWY+22]. **Control** [ATGK22, DAZ20, GCS22, IMN22, KDBS22, LSXJ22, PLB+22, QYJ22, SJH+21, US20, JAR20, ARK+20, BZE+20, CPT+22, CZZ+21, CHJ22, DS20, FMU22, FDK+22, GKC22, HKM22, JPL20, KMH+22, LZL+22, LZZ+21, LCSD20, MGGR22, MB20a, MKC+21, MGZ+20, MSZ20, NJ22, OFID+20, PPK+21, SU21, WP21, ZLZC22]. **control-flow** [JPL20]. **controlled** [BBMW21, LYD20]. **controller** [TLKW20, TD21, XWW+20]. **controller-based** [TD21]. **controls** [BPL+20, CB22a, SSHP21, UYMM21].
Convex [KLNW21, CXLV20]. Convolution
[GYYK22, SS22, YWK+22, ZYL+22]. convolution-based [YWK+22].
convolutional [BK22, FE22, GCZ21, GJCJ20, JQYL22, LFHH22, NRS21, PYT20, QMW+20a, SWYL20, Tek21, TY22, YMR+22]. cooperation
[Sun21]. Cooperative [ZHIL+20]. Coordinated [WS22]. coordinating
[OZM+21]. coordination [IE22]. corporate [KN20]. correlation
[KMH+22, LTL+22, MPA20]. correlations [LCL+20]. correntropy
[HMK+20]. Corrigendum [GZ20, GZG20, HuRMMW22, HZG20]. Cost
[SVA21, ZCJ+20, AMA22, DGH21, GJB22, UYMM21]. Cost-based [SVA21].
Cost-effective [ZCJ+20]. cost-effectiveness [AMA22]. cost-sensitive
[GJB22]. costs [BMH21]. COTS [JZQ+22]. countermeasure [YCCZ21].
countermeasures
[CAT20a, CAT20b, HZKN22, JZQ+22, KFS+22, LLL+20a, PCK20].
counters [dNaJMMFM21]. Countries [ÖEÖ22, HNH+22]. country
[AVR20, CC20, LK20]. country-level [AVR20, LK20]. cover [MGGR22].
coverage [TDM+21, UYMM21]. Covert
[HHS20, CLL+21, CDN21, MAL22, MVH+21, OYZ+20, PCK20]. COVID
[KSVY22, LSN+21, SAJP22]. COVID-19 [KSVY22, LSN+21, SAJP22]. CP
[SYH+22]. CP-ABE [SYH+22]. CPMTD [HZX+21]. CRACK [RCA20].
creating [GZG19, GZG20]. credentials [Sar21]. Crime
[CB22b, HKM22, LSN+21]. criteria [CDN21]. Critical
[SSN22, AWVG20, CZCX20, RTBK21, SKG21, TDM+21, YWPC22]. Cross
[KMH+22, ZYH+22, ASM20, CPR21, CRP22, GMLB22, LXC+20, TDM+21, WTC+22]. cross-architecture [LXC+20]. cross-device [GMLB22].
Cross-domain [KMH+22, WTC+22]. Cross-Ledger [ZYH+22].
cross-regional [ASM20]. cross-sectorial [TDM+21]. cross-site [CPR21].
crowdsensing [XZZ+20]. CRUSOE [HS2+22]. crypto [TML+20].
cryptocurrencies [QS22, WNI20]. cryptocurrency [XWZ+20].
cryptographic [BRM21, LzJ+22]. cryptography [PMNL21].
cryptosystem [PMNL21]. CSE [GJB22]. CSE-IDS [GJB22]. CSC
[GSS20a]. CSRF [ABC22]. CTI [SL20, SVP21]. CTI-SOC2M2 [SVP21].
cues [BHWE22, BTH22]. Cultivating [KMO20]. culture
[Als20, SA22, TF21, UNBF21, WMC20, dVABH20]. culture-Perspectives
dVABH20]. cumulative [CZZ+21]. curation [FMF+20]. Current
[GG22, UNBF21, AMA21, BWB+21, BOS+21]. curve [LQY+20, STM+20].
curves [OS22]. custom [WT+21]. CVE [SHM22a]. CWE [SHM22a].
Cyber [CCO+20, Da 22, DCS+22, EAN+22, GKB21, HMPS20, Hod21, HZX+21, KMG21, LSN+21, PS21, RCA20, SS22, SSTR22, TMR22, VBF21, YKG20, AJ20, ASI+20a, ASI+20b, BFW21, BPL+20, CPT+22, CC20, CYL+21, DMRV21, DGH21, ESBJ20, EA20, HNH+22, Het21, HG21, HZ20b, HSS+22, IB20, JQYL22, JLS22, KN20, KSVY22, LSWR20, LZZ+21, MB20a, NJ22, NCW+20, PF20, SMM22, SK22, SHM22b, SKG21, TRH21, TAES20, TFWK22, TDM+21, UNBF21, UYMM21, YKN21, YKK22a, YK22b, ZT21, ZYL+20, ZLY+21, ZSS21, bOJW20]. cyber-attacks [LSN+21, NJ22].

D1 [ZY21]. D1Sec [ZY21]. DACH [BSFB20]. damage [HMB+21]. danger [JIG22]. darknet [LLL+22a, MBS20, MRL22]. DarknetSec [LLL+22a].

DaST [YS22]. DaTa [DZ20, GBA22, KFZ+20, KDI21, LSXJ22, ÖÖ22, TTTW21, US20, WZX+22, XX20, XHH+21, AD21, ACC+20, ADC+20, CPRV21, CQL+21, COH21, DMR21, DDCK22, DZ20, DV+20, DTT+22, E20, FL21, GYL+20, GY+20, GPK21, GMB22, GLTH21, GSE20, HXZ+21, HXZ+21, HHL+22, HZ+20, KEK+22, LGW+22, IWS+20, LL22b, LY20, LX21, LdSP21, LHI+20, LRH+21, LHS21, LHW21, LRL+22, LZS+20, LWLT21, LZ20, MZA+20, MGTK22, MLV+21, MC22, NM21, OPK20, PRTV22, PSS+22, PMF+20, QJQ22, RMT+21, Rot22, SBY+22, S21, SVA21, SGS+22, SYH+22, SBL20, TGOF22, TJ20, TW20, TTRY20, TWLT22, TLK20, UHK+21, VLo22, WZCP20, WLC+20, WLT+21, WWH+22, WTX+22, WZY+20, YL20, YS22, ZYL+20, ZLZC22, ZSBG+22, vKWH20, vSFF20].


E-commerce [ZHL+20, MT21b]. e-government [NDDH+21]. E-mail [BA20]. E-tailing [SST21]. e-Voting [KAK21]. early [AES22, KJCL20, KSSL22, PCR22]. EaSTFLy [DCSW20]. eavesdropping [Wang21]. ECG [DABB20]. echoes [SAJP22]. eclipse [XGS+20]. eclipsed [XGS+20]. economy [MBS20]. ecosystem [CMMST22, SSN22]. EDAS [OE022]. EDCO [WWH+22]. Edge [GYYK22, KSSL22, LMZZ22, SC21, STH+22, ZZW+21, ZHJ+21]. Edge-assistance [GYYK22]. Editorial [AMB22, bOJW20, RZ20a, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o]. Education [HMPS20, ASA+22, AMA21, BTDH20, NCW+20, SEGD+22].

efficiently

EfficientNet

Egida

EII

EII-MBS

electric

element

eliciting

email

embedded

embedding

emergencies

Empirical

employed

Employee

employees

EmuID

emulated

emulation

EMV

enabled

enablers

Enabling

Enclave

Encrypted

Encrypted

encryption

Endorsement

endpoint

energy

Enterprise

enterprises

entropy

entry

envelope

Environment

envelope

Environments

estimators

Ethereum

ethics

EthReview

Europe

evade

evaluating

evaluate

Evaluating

Evaluation


Feature [FK22, KZY22, LdSP21, SCW+22, TRM22, AA22a, AAAAS20, AMN22, ACK22, CLX21, CSK22, CKV22, GDC21, GL21, HYW+21, HYW+20, HZL+21, KS20, LCZW20, LWX+22, LCZ+22, LQH+22a, LQH+22a, LGJW21, MBGF20, NK21, OX+22, PRTV22, PTD20, SA20, STB+20, WLC20, WJT+22, OX22].
feature-deviated [LWX+22]. Feature-driven [TRM22]. featured
[GMBN21]. Features
[KC22, XLY+20, ABAM22, BKA20, JFQ+22, LLL+22b, LLL+22c, LSAH21,
MBCC21, RT20, YXL+22, ZLF+20, ZLJ+22, ZJJS+22]. February
[Ano20o, Ano21p, Ano22p]. federated
[AKT21, DCSW20, FGJW20, FGH+21, GTL+22, HYW+20, ISM22, LKA+21,
LLC22, QJQ22, TCYL21, TSW+21, UHK+21]. federations [MBFidD21].
feedback [WLQ20]. FeSA [FK22]. Few
[LMD+22, CKV22, WTW21, YLS+22, ZJJS+22]. Few-shot
[LMD+22, CKV22, WTW21, YLS+22, ZJJS+22]. FGACFS [LCSD20].
FGMC [HMK+20]. FGMC-HADS [HMK+20]. FH [FDK+22]. FH-CFI
[FDK+22]. Field [Kha21, SPV20]. Field-Sensitive [Kha21]. fifteen
[FLD21, DCSW20, FGJW20, FGH+21, GTL+22, HYW+20, ISM22, LKA+21,
LLC22, QJQ22, TCYL21, TSW+21, UHK+21]. Fill
[MBFidD21]. filling [OS22]. Filter [PC22, SA20]. filtered [WTC+22].
financial [GPC+22a, LdGW+22, VBF21, vdKWH20]. find
[MW20, WRG+21]. Fine
[FDK+22, TW20, AK20, FXL+20, JPL0, LSCD20, YSM+21]. Fine-grained
[FDK+22, TW20, AK20, JPL0, LSCD20, YSM+21]. FineFool [CZ+21].
fingerprint [SK20, TTP20, XHWL20, YWK+22]. fingerprinting
[GZS+22, HHL+22, KDDM20a, KDDM20b]. Finnish [KIAV22]. firefighter
[ACC+20]. Firefox [FFPC22]. firewall [CDG22]. firmware
[BWB+21, LXC+20, ZZJC20]. First [GHOS22, SAAW21, TK20, VMS20].
first- [VMS20]. fish [XYH+20]. fish-swarm [XYH+20]. fit
[KDE20, MGGR22, LXC+20]. Fix [CZE+22]. fixing [CDF+20]. FKR
[ZM20]. flag [SCVB21]. Flash [MDB+20]. flatness [LTPY21]. Flexible
[VCD22]. FlipIt [TZZ+21]. flood [dNaJMMFM21]. flooding
[NH21, WTY+20]. Flow
[LSXJ22, QYJ22, AA22b, ATGK22, FDK+22, JPL0, KMO20, RKS20].
flow-based [AA22b]. flows [TTRY20, YXL+22]. fluctuation [NH21]. flux
[ADJS21]. Focus [IE22]. focused [HKM22, vdSFF20]. Focusing
[GA22, yK22]. Foe [Gal20b]. Fog
[DKSS20, FMU22, GG21, KKR21, SRC22, AMN20]. fog-based
[FMU22]. FogHA [GG21]. follow [SSL20]. FoNAC [AMN20]. fool
[WZS+22, ZM22]. Footsteps [FMU22]. Forecasting [ACC+20, YPWS20].
Forensic [ACG20, ALZ+20, AA21c, AOA20, DNB+20, FFPC22, HSL20,
KMP+20, SZC+21, TK20, ZLCA21]. Forensics [ACG20, CMFU+20, AN21,
AJHA20, BTAK21, FXL+20, NDCB21, PCR20, WS21, WTC+22, XWW+20].
Forest [ZD21, ÇÜD21, GSS+20b, LCZ20]. Formal
[AJHA20, MAK21, MSMH21, TO22]. formalization [SPZ+20]. Forums
[CHP21]. foster [CMMST22]. fostered [SL20]. four [KKS+22]. Fourier
[LHS21]. Framework [JKSS22, SHM22a, AA22a, BK22, BBJ20, CAT20a,
CAT20b, DS22, EA20, FSN22, FWR21, GMP20, HuRMM22, HMM22,
HCCS22, HZ20a, IE22, JKR+21, KN20, KT20, KEK+22, LW+20,
LLY+22a, LLL+22c, LGJW21, MAR22, MZA+20, MSG22, MM21,
19


SYG+21, TCY+20, ZNF21, ZSGB+22. graph-based
[ASAA21, KEK+22, ZSGB+22]. graph-theoretic [TCY+20]. graphical
[TLPY21]. graphs [LCY+21]. GraphXSS [LFH22]. greedy [GSS+20b].
grid [ARR+22, ADC+20, KTGDE20, LYW+21, LS21, SMM22, YZL+20].
Group [GC22, CYL+21, GMBV21, YM22]. group-based [CYL+21]. groups
[JB22, LK20]. GTM [GSS20a]. GTM-CSec [GSS20a]. guaranteeing
[XHTZ20]. Guessing [WZX+22, YHZ+22]. guided [DZZ+21].

Habits [GBA22]. HADS [HMK+20]. HAGDetector [LCW+22]. HAN
[YLPZ21]. HAN-BSVD [YLZP21]. handle [GJB22]. Handling
[HY21, HET21, HSS+22]. handover [GG21, NR22, YM22, ZMQ21]. hands
[BDC+22]. hands-on [BDC+22]. handwritten [PA20]. Happn [KMP+20].
Happning [KMP+20]. hard [QY22]. hard-label [QY22]. Hardening
[AWJB21, BRM21, HZK+21]. Hardware
[DL21, HHS22, CJS+21, FDK+22, SMC+21, dNaJMMF21]. hardware-assisted [FDC+22]. Hardware-based [DL21]. harm [SCSO20].
harmful [HMB+21]. harnessing [GLZ+22]. hashed [MT21c]. hashing
[SK20, YWWH22]. haystack [WRG+21]. HDDEF [LQH+22a]. HDL
[AD21]. HDP [ZYL+22]. HDP-CNN [ZYL+22]. head [CRS+22, XXZ+21].
health [KAM+21, SHT+20, ESM20]. healthcare [SC21, SHM22b]. heap
[YLZ+21]. herd [XW20]. Heterogeneous
[LCW+22, CGS22, LZCS22, RZ20b, SWYL20, ZLY+21]. Heuristic
dSFG20, vSRW+20. Heuristic-based [dSFG20]. hidden
[AAE20, JHD+20, LLL+20b, SZY+22]. Hiding [vDK22]. HIE [ESM20].
hierarchical [LQH+22a, YLPZ21, YXL+22, ZYPT22, XLY+20]. high
[GSS+20b, HHE22, WZCP20, ZYPT22]. high-dimensional [WZCP20].
higher [GZG21]. Highly [FGWJ20, ADJS21, Yan20]. highly-random
[Yan20]. Highway [ZYL+22]. hijacking [LLG21]. HMM
[LWS+20, STM+20]. hoc [KJR+20, MBP20]. HOG [BA20]. Holistic
[NCW+20]. home [AWJB21, MSP+20]. homes [HZN22, Hod21].
homogenized [PS21]. homomorphic [AHL+21]. Honest [YCM20].
honey [MGGR22]. honeynet [RZ20b, SYF+21, ZZ20]. honeypot [GSS20a].
honeypots [MGGR22]. honeyword [GZG21]. honeymemory [TLPY21].
Hooktracer [CMFU+20]. hopping [Yan20]. hospitality [XWY21]. host
[MWR20, SG21]. host-based [MWR20]. hot [RCD21]. HSMs [GMS20].
HSTF [XLY+20]. HSTF-Model [XLY+20]. HTLC [MT21c]. HTTP
[XLY+20, YXL+22]. HTTP-based [XLY+20, YXL+22]. HTTPS [ASM20].
hull [CXLV20]. human
[ATJ+22, CAT20a, CAT20b, HG20, NCW+20, VS22]. humans [VB20].
hunting [JHD+20]. Hybrid [GMBN21, QMC+22, AD21, BBJ20, CFZL22,
CCL+21, GFH+22, HZ20a, HYR+22, LLL+22b, LGL21, hLHHLFW21, LJJ22,
MGL+20, OS22, PRTV22, RIW+20, SU21, ZFHWL22, ZZ20].
Hybrid-featured [GMBN21]. HYDRA [GMP20]. hygiene [NCW+20].
Hyperledger [JKSS22, LZS+20]. hyperparameter [MRG21]. Hypervisor
information-gathering [MCJPS22]. Informational [HZ22].
integration [PTD20]. initiatives [SEGΔ22]. injected [HZX21].
inner [SCSO20]. innovation [MBKD21]. input [OMO20b].
Interpretation [AKT21, UHK21, CBK22, KMOC20, LHW20, SYH22, ZLF20].
Intelligent [ALZ20, BFW21, CGS22, IFHP22, LYW21, SYF21].


GPC+22a, GLZ+22, GMPMS21, HDS21, JHD+20, JE21, KR21, MSCJ21, MMIS22, MGG+20, MHLZ22, NDPC21, PMNL21, QY22, RZW+20, RHH+22, SMCP21, SMM22, SHK+21, UHK+21, YSM+21, YPT22, ZJW+22, ZFWL22, ZCD+22, machines [KBC21], MAD [LFCD21], Mahalanobis [LX21], mail [BA20], makers [DPK20], Making [QJQ22, LZDZ21, SWK20], Maladaptive [BMH21], Malaysian [HNH+22], Malbert [XFY21], MaldomDetector [AKCS20], Malicious [AAC22, FHZ+22, HLYZ+21, SWY20, AR21, CMMST22, CDM+20, FHSQ20, HYW+20, JDBB20, KLA+22, LTL+22, MW20, MBPC21, PSY+22, SM21, STB+20, SCW+22, SKM21, WFT22, YXL+22, ZHL+20, ZZCD20, ZCD+22], malleability [KAK21], MalSPM [NFVN+22], Malware [GMBN21, HLP22, KC22, MDB+20, PLP+21, QYJ22, RSW+21, WLC+22, YWX+22, AYS20, AZ20, AZES21, AES22, BCS+21, BTAK21, CLX21, ČUD21, CRP22, CKV22, DLQ+21, DČUD22, FSN22, FCSP21, GPC+22b, GCZ21, GHG22, GDG21, GMP20, GMPMS21, GFM+22, GMLB22, GMB22, HSK22, IMMS21, JHD+20, JDBB20, JDBB22, JPLT20, JKR+21, KDDM20a, KDDM20b, KZY22, LL21a, LFCD21, LCZ+22, LLL+22c, LSAH21, LdSP21, LLLZ20, LFW+22, MRG21, MHLZ22, NBBS22, NFVN+22, NZZ+22, OS22, OSP22, OMO20b, OX22, PYT20, QZT+22, SBB+20, SGSS22, SGV21, SM+20, TY22, VAW+20, VMS20, WT20, XGS+21, XFY21, YMR+22, YWL+20, YPT22, ZHZ+22, BCO+22], Malware-SMELL [BCO+22], Management [MAK21, AHSZ21, AMD+21, AGBB22, BSFB20, CGCY21, HZ20a, HZ22, yK22, MLM20, MMvS20, MBKD21, NTBH+22, Sar21, TK21, VBF21, YL20, ZSS21], manager [SSL20], managerial [GAC20], managers [vdKSCY22], managing [LHYW22], MANET [JIG22], mangle [VB20], manifold [BTAK21, LHS21, ZHL22], manipulation [KDI21], manoeuvres [SGS22], Manual [RDS20], MapperDroid [SLBG21], Mapping [BCKN22, CLX21, HY21, TV20], maps [NRS21], March [Ano20s, Ano21t, Ano22t], margin [HMMC22], MARISMA [RMS+21], MARISMA-BiDa [RMS+21], MARK [PSP+22], market [ALD+21, VS20, WNI20], marketing [AMA21], Markov [HuRMM22, HMMW22, LLL+20b, YWL+20, ZCJ+20], MARTE [HZZ20], MASA [SLC+21], Mask [DZZ+21], Mask-guided [DZZ+21], masking [ATJ+22], massive [RSS21], masterkeys [GL22], matching [LXC+20, MBH20, ZZCD20, ZZJC20], matrix [CZZ+21, LSAH21, NGJ+22, Onw20], mature [SVP21], Maturity [SSH21, AA21c, NSA+20], maximizing [YWW22], maximum [HMMC22], maximum-margin [HMMC22], May [Ano20t, Ano21u, Ano22u], MBS [HL22], mec [MBSE22], Mealy [PMNL21], Means [XHTZ20], measurement [LLL+22d, LRH+21], measurements [KBC21], measures [WFY+20], Measuring [CJKR21, SBL20], mechanism [ADOU+20, DZ22, JLQ+20, LCL+20, LJ22, LJO+20, SCW+22, SMM22, ZG21], mechanisms [STB+20], media [AGM20, ALZ+20, ZLZC22, vdSF20a], median [WTC+22], Mediating [vdSF21], medical


Password Strength [GZ18, GZ20]. Passwords [GZG19, YHZ+22].


potential [CSRA22, NGJ+22]. Power
[IMN22, NTBH+22, AGVA21, DPKHP22, HZX+21, HXZ+21, KTGDE20, 
LX21, SSN22, TWLKL22]. powerful [PCR20]. Powershell [AAB22]. PPIS
[GCJ20]. Practical [ABC22, KDBS22, QXS+22, SZL+22]. practice
[AMD+21, Als20, SHK+21, VB20]. practices
[BSFB20, Fur22, MMvS20, UNBF21]. practitioners [SSHP21, SL20].
Pragmatism [GHOS22]. Pre
[MPRB21, DCUD22, XYF21]. Pre-processing [MPRB21]. pre-trained [DCUD22]. pre-training [XYF21].
Precise [GAL+20a]. precision [JPL20]. precursor [OCB21]. predict
[ASI+20a, ASI+20b]. predicting [Wes20, ZLY+21, ZLZ+22]. Prediction
[EYYZ20, AZ20, AES22, HDS21, TWW21, WBN+20, WWW+22, ZLY+20, 
ZTY+20b, dSGF20]. predictive [FBL20]. preference [ZLY+21].
preferences [IFHP22]. preparedness [LK20]. preprocessing [ZGGB+22].
present [CIJ+22, CL20]. presentation [OFJD+20]. preservation
[FGWJ20, LHH+20, TZZ22, TSW+21, VS20, WTX+22, ZNF21]. preserve
[GY+20]. Preventing [HKM22]. Preventing [TH21, JYS21]. Prevention
[HKM22, ADOU+20, LLBB21, LLG21, SST21, vdKWH20]. Preventive
[LL20b, MBKD21]. prices [LL21]. pricing [LYW+21, SGS+22]. principlist
[FWR21]. printer [NMCB21]. printing [NMCB21]. prioritisation
[TJCS22]. prioritization [JLB21]. Prioritizing [TTRY20]. priority
[hLHlfW21]. Privacy
[CBK+20, FGH+21, GYL+21, GGCJ20, GYYK22, JKSS22, LLX+20, 
LQY+20, LLY+20, LZG+22, OOST20, STH+22, TSW+21, Vu22, WZCP20, 
YWZ20, ZNL+20, ZYCH20, vdSFF20b, AGM20, AR20, AR20, AMN22, 
ASAA21, AN20, AZDF20, ACC+20, BCKN22, BT21, CSS+21, COH21, 
DDC22, Em20, FGWJ20, FMA22, GYL+20, GSLS21, HSB+22, HSSPK21, 
HHL+22, HXZ+20, HYR+22, ILB20, IFHP22, JB22, KLN21, KAM+21, 
KEK+21, LYY+21, LC21, LCL+20, LBL+20, LHY+20, MZA+20, MBE20, 
MCS22, MZA+20, MB20b, MEB21, OIU22, PHH+20, PFHB21, RHD21, RNA22, 
RGPAF20, RSE20, SMCP21, SYB+22, SXS+22, SGS+22, SHL+20, 
SRCP22, SYH+22, SsSZ21, SYL+20, SWK20, TGOF22, TZZ22, TLKK20, 
VS20, WK20, WTX+22, WLL22, WP21, XHTZ20, YM22, YLZ+21, 
YFO+21, ZIL+20, ZXZ+20, ZLZC22, ZWFL22, boJW20, vdSFF20a].
privacy-aware [MCS22]. privacy-based [KEK+21]. Privacy-Preserving
[GYYK22, JKSS22, LZG+22, STH+22, FGH+21, GGCJ20, LLX+20, LQY+20, 
Vu22, WZCP20, YWZ20, ZYCH20, TLKK20, AN20, DDC22, HXZ+20, 
ILB20, LYY+21, LRL+22, MZA+20, PHH+20, RHD21, RNA22, SMCP21,
SBY+22, SJX+20, SYH+22, WK20, YM22, YLZ+21, YFO+21, ZXZ+20, ZLZC22, ZFWL22. private

[FFPC22, GMY22, GSS+20b, HX21, ISM22, KGIS21, LGL21, RPR+21, SVA21, STZ+22, SZL+22, ZNF21, ZYPT22, vDK22]. PrivySharing

[MZA+20]. proactive [HZ20b, CBK22]. Probabilistic

[HMMW22, KJHL22, LLL+20b, HuRMMW22]. problem [JDBB22, TT20].
proc [HuRMMW22].

process [BTAB22, JKSS22, CDF+20, HDS21, MMvS20, SDG20, SRM22].

processes [RGPAF20, SG21, ZCJ+20, BBMD20].

processing [AA21a, FF20, MPRB21, MLV+21].

procmonML [MWR20].

procurement [LLJ21, NM21].

Product [ZTJ+21].

profiling [HSL20].

procurement [LLJ21, NM21].

Product [ZTJ+21].

program [HSL20].

programmable [XWW+20].

programme [WS22].

Programming [CZE+22, WLC+20].

Programs [Kha21, AMA21].

progress [Ano20p].

project [NDDH+21, TCJS22].

Projects [GHOS22, CDF+20].

promise [SEGD22].

Proof [WSC+20, BBBB+20, TO22, YL20, YZW+20].

proof-of-concept [BBBB+20].

proof-of-X [YZW+20].

proof-of-concept [BBBB+20].

proof-of-X [YZW+20].

propagation [ARR+22, UWL22, ZGNZ21].

Proposed [AN21].

prosocial [CXC22].

prospects [KFS+22].

protect [AZDF20].

Protecting [WK20, IE22, SU21].

protection [BT21, CBFH20, FMA22, HCLRM20, HHL+22, LC21, LBL+20, LLL+20d, SA20, SA22, VCD22, VM21, XX20].

protection-capable [HHL+22].

psychological [BKA20].

public [AOA22, CPRV21, GPK20, HLRFR20, ILB20, KDE20, KGIS21, RDHSB22, SSRK20, VS20].

classical [VCS20].

public-good [VS20].

publishing [DDCK22, WZCP20, WK20, ZNF21].

PUF [DKSS20, LL21b].

PUF-based [LL21b].

Pufferfish [LL+20].

PUFs [PHI+20].

purchase [HSSPK21].

purpose [KDE20].

PVIDM [ZZCD20].

pyramid [WT+21, ZYL+22].

Q [LZDZ21].

Q-network [LZDZ21].

QoS [SYL+20].

QSEE [KM22].

quad [LGL21].

quad-tree [LGL21].

Qualcomm [KM22].

Qualifying [SBL20].

quality [LLJ21].

Quantifiable [IB20].

Quantifying [HMB+21, PBG22].

Quantitative [LZZ+21, tBLV21, MDR20].

quantum [Mit20].

queries [PCK20, SYG+21].

Query [RZW+20, AYL+21, LQY+20, YLZ+21].

Query-efficient [RZW+20].

quest [SVP21].

quo [BSFB20].

R [HLYZ21].

R-CNNs [HLYZ21].

RA [KFZ+20].

RADAMS [HZ22].

Radio [MBK+22, Yan20].

raising [SEGD22].

RAM [RRM20].

Random [KDE20].

raising [SEGD+22].

randomization [WLC+20].

randomly [PMNL21].

Randpay [KK20].

range [LLJ22].

Ranges [RCA20, YKG20, YK22a, YK22b].

RansomSpector [TML+20].

Rationality [Het21]. RCA [CZCX20, SYH+22]. RCA-SOC [CZCX20].

Rcryptect [LSJC+22]. re [ZW+21]. re-compressed [ZW+21].


reduction [SMC+21]. redundancy [AHKJ+21]. reference [ZJJC20].


regional [ASM20, LHHB21]. Registration [GC22]. regression [KLA22].

regularization [LMD+22]. regulation [CXC22]. regulations [Olu22].

Reinforcement [ZHJ+22, CPR21, CZS+21, CTH+22, GFM+22, MM21].


rendezvous [Yan20]. renewable [OCJ20]. Repackage [MRSV21].


representations [ZYL+22]. repudiation [CWL+22]. reputation [SSL20].


responses [FVF21]. responsibilities [PF20]. restoration [WTC+22].

restriction [DZZ+21]. restructuring [SDG20]. results [SEG+22].

resurrection [CCL+21]. Rethinking [HMT22]. Retrospect [ZT21].
Reveal [QXS+22]. Reverse [XMK21, HP20]. Reversing [GBG20]. Review
[KKJ+21, Les21, YW21, ZTJ+21, AWVG20, AA21b, ALD+21, BKPZ21,
BB20, BOS+21, CT21, EL22, ESBJ20, Gal20b, GB21, GG22, HSB+22,
HKM22, HW20, HJZ21, KG21, MHLZ22, NRS21, PK20, PVFM+21,
RDS20, SL20, SHSK20, TNN+22, TRH21, YLL+22]. Reviewer
[Ano21x, Ano22x]. revisited [PCR20]. revocation [AHSZ21, KJR+20].
revolution [AA21c]. rewards [BMH21]. rewriting [MYMC20]. RF
[HHT22]. RFP [LMD+22]. RFP-CNN [LMD+22]. Riemannian
[LHS21]. right [LCB+22]. rights [PF20]. Risk
[BSFB20, EYYZ20, EAN+22, SP20, tBLLV21, vSRW+20, AVR20, AJ20,
ASI+20a, ASI+20b, BKS22, CB22a, CGCY21, DG21, FBL20, GKB21,
HLL+21, HZ20a, KAFDW22, KTH20, LDGW+22, NGJ+22, RMS+21, SDG20,
TAES20, VBF21, WNF20, vdSFF20a, vdSFF20b]. risk-aware [AJ20].
risk-based [CB22]. Riskio [HMPS20]. risks [HZKN22, LHY22, MDR20].
risky [MDR20]. RisQFLan [tBLLV21]. RNN [LZHL20]. RNNIDS
[SSG21]. road [SYG+21]. Robust [AES22, IWW21, MRL22, QJ22,
XHW+22, KAM+21, KDDM20a, KDDM20b, LX21, MT21a, QJ22].
robustness [CCL+22, HMT+22, ISM22, MBGF20, SCH+20]. rogue
[LLJ22]. role [ASA+22, CPR21, LH21, TN21, TT21, VM21]. Roles
[GHOS22, Ogb21, BMH21]. rotation [CRS+22]. route [CM20]. routine
[LdGW+22]. routing [HYR+22, OCJ20, R21]. RPL [SVM21]. rule
[MAAA20, VK22]. runtime [CXLV20, KFZ+20].

Safety [CCO+20, PSCT21]. sailfishos [TK20]. saliency [DTT+22]. sample
[QZT+22]. samples [DTK+21, GTH22, SY+22]. samplings [BMH20].
sanctity [ATGK22]. sandbox [SGS22]. sandboxes [LF2+22].
sanitizable [LRL+22]. Sarbanes [WEB20]. Saudi [ARB20]. SBTDDL
[MSG22]. SCADA [SKM21, US20]. Scalable
[KDDM20a, KDDM20b, LZS+20, SWYL20]. Scale
[CMP21, CIK21, BPL+20, GJC20, S21, XG20]. scaling [UC22]. scams
[BTH22, WXW+20]. scanner [BLSS22]. scenario [LLY21]. Scenarios
[YKG20, YKN21, YY22]. scheduling [LLY21]. Scheme
[LTU+21, QXS+22, AMN20, BA20, CB20, CS+21, CWL+22, GPK21,
GKC22, HXZ+20, ILB20, KJR+20, LSL20, LXX21, LLY+21, LL21b,
LZZX21, LRL+22, LWZ22, LPX20, LZS+20, LH21, OQ21, R21, RRS21,
SBY+22, TJ20, TW20, YL20, YLY20, ZLY+20, ZZ+20, ZM20, ZTY+20].
schemes [LM22, WZ20, YZW+20]. science [ZL21]. score
[AGM20, MRB21]. scores [T22]. SCP [HMK22]. Script [AAB22].
scripting [CPR21]. SDN [DTK+21, KKH21, LJ22, TD21]. SDN-enabled
[DTK+21]. sealed [AN20, LLJ21]. sealed-bid [AN20]. SealIFS [SSG21].
seaports [GKB21]. search [GJC20, LLZ21, MGR21, ZNL+20]. searching
[GJ20, lHHL21, LCC+21]. second [VMS20]. second-order [VMS20].
secret [WAN21]. SecTEP [LLJ21]. section [XG2+21]. sector
[MBK21, SST21, VBF21]. sectorial [TDM+21]. Secure
semi-fully [Vu22]. Semi-supervised [ZD21]. sensing [DABB20, YLY20].
Sensitive [Kha21, GLTH21, GJB22, KAM+21, OSTO20, OX22, WK20].
sensor [GLY+20, LTL+22, LQP22b, MSG22, RJ21, SKS21]. sensor-based
[MSG22]. SensorRE [HP20]. September [Ano20w, Ano21y, Ano22y].
sequence [AZ20, AZES21, DS21, KDI21, LLL+22c, NZZ+22, QMW20b, 
Yan20, ZZWF21]. sequence-to-sequence [ZZWF21]. sequences
[GZS+22, STM+20]. sequential [NFVN+22]. series
[CVL22, GPC+22a, LHGB21, WTL+21, YZL+20, ZZL+22]. Serious
[HMP20, HHS22, YKN21]. server [STH+22, WZZW20]. servers
[dNaJMMFM21]. Service [HZ22, MBS20, AABE20, AWJB21, AOA22, DS22, 
FEA22, IHJZ21, LQY+20, LWZ22, MAAA20, PSN+22, STZ+22, Sun21].
service-based [PSN+22]. service-oriented [STZ+22]. serviced [LLX+20].
services [DSC20, KEK+21, MGL+20, OO21, TD21, ZNL+20]. Session
[CJJKR21]. Set [WWH+22, XMK21]. SETA [HHZ21]. Setting
[Ogb21, ZZCD20]. settings [LHAEE2, MBGF20, MRL22]. seven [MAAG22].
[GMS20, KBC21, RRM20]. Shafer [QMC+22]. Shall [MRSV21, SSI20].
shape [ZZCD20]. shaped [PTD20]. ShapeShifter [HYZ21, WLC+20].
shared [GPK21]. Sharing [LSXJ22, CZZ+21, CFT22, HXZ+20, ILB20, 
LYW+21, LHH+20, MZA+20, SYH+22, ZLZC22]. sHDP [LWS+20].
sHDP-HMM [IWS+20]. shield [XYH+20]. short [AOA22]. short-term
[AOA22]. shot [BCO+22, CKV22, LMD+22, WTW21, YLS+22, ZJS+22].
Shoulder [BB20, BKPZ21]. shoulder-surging [BKPZ21]. shuffle
[AHKJJ21]. shuttles [BCKN22]. Siamese [KYZZ22, ZJS+22]. side
[Gal20b, GSLS21, JZQ+22, LLLZ21, LJO+20, SMvH+21]. side-channel
[Gal20b, GSLS21, JZQ+22, LLLZ21, SMvH+21]. SIEM [BS20, MLV+21].
sight [GMY22]. signal [KDI21, MSZ20, UWL22, WSW+22]. signaling
[CHJ22]. signature [LRL+22, ZY21]. signs [HYZ21]. similarity
[FCSP21, JFQ+22, MRBP21, SCL+21]. simulation [KJHI22]. simulations
[EL22]. Sina [RNA22]. singular [SG21]. sinks [TTRY20]. site [CPR21].
sites [FF20, MW20]. Situation [Ogb21, AMD+21]. situational
[HSS+22, HKM22]. skills [For21, KIAY22, SCVB21]. skipping [WYJ+22].
skipping-based [WYJ+22]. slice [BBBB+20, JB21]. SLR [HW20]. small
[CZZ+21, TRH21]. smart [ARR+22, ASA21, AWJB21, ADC+20, DSC20, 
GSY+20, HZK22, Hod21, HZL+21, KTGDE20, LWY+21, LS21, LQP22b, 
LHW+20, MZA+20, PHH+20, RKH+22, SBY+22, SCOS20, SPZ+20, SC21, 
SMM22, XX20, XGS+20, YZL+20, bOJW20]. Smartphone
[GSLS21, ACLA22, BTDH20, MGZ+20]. smartphone-based [ACLA22].
smartphones [MSG22]. smell [AES22, BCO+22]. smooth [LJJ22].
smoothing [GLB+22]. SOC [CZX20, GVEV22]. SOC2M2 [SVP21].
Social [AGM20, PLB+22, ALZ+20, AMA21, AJHA20, AOAA20, CPT+22, 
CQL+21, CCL+21, DPKH22, DS22, FF20, HYR+22, JB22, LZZL+22, 
WTX+22, WP21, ZYL+20, ZGNZ21, vdsFF20a]. socio [MMvS20].
socio-technical [MMvS20]. Sociodemographic [LK20]. soft [SAJP22].

36
softmax [HMTC22]. Software
[ZGZ21, Alq22, FEA22, HP20, HZZ20, HQL+22, IE22, KKP22, KG20, LKW+20, LWZ22, MHSK21, NDDH+21, TCJS22, VCD22, YLPZ21, YPDC20].


Taxonomy [BBR20, DANS20, KKAS21, LGXZ22, VHMGR22, GB21, Onw20, PS21].
TCN [SS22]. TCP [KDI21]. Team [LHGB21, SA22]. technical [BPL+20, MMvS20]. technique [ALZ+20, CZX+21, HYR+22, LLLZ20].

Techniques [VHMGRR22, ABAM22, AHKJJ21, BRMH22, CZE+22, CL20, HKM22, KEK+21, MAL22, MW20, NDPC21, PX21, RHH+22, SPV20, ZT21].

Technologies [BRV+22, MCJRS22]. technology [AGBR22, BPL+20, KK20].

TEEnder [GMS20]. template [SA20, SK20, TTP20]. Temporal [SKM21, HMS21, LWS+20, LCL+20, SS22, XLY+20, ZLF+20, ZSGB+22].

temporospatial [TZZ+21]. ten [CCH+22]. tendencies [AS+20a, AS+20b].

tender [LLJ21]. tensions [SKM21, HMS21, LWS+20, LCL+20, SS22, XLY+20, ZLF+20, ZSGB+22].

TREETender [GMS20]. template [SA20, SK20, TTP20]. Temporal [SKM21, HMS21, LWS+20, LCL+20, SS22, XLY+20, ZLF+20, ZSGB+22].

temporospatial [TZZ+21]. ten [CCH+22]. tendencies [AS+20a, AS+20b].

tender [LLJ21]. tensions [SKM21, HMS21, LWS+20, LCL+20, SS22, XLY+20, ZLF+20, ZSGB+22].


timeline [LSN+21]. times [OO21]. TIMiner [ZYL+20]. Timing [CDN21, HHS20, JYS21]. TLS [GZS+22, TO22]. TLS-Based [GZS+22].

Tokenless [LTU+21]. tolerant [RLW+20]. tomography [LXZ+22].

tomography-based [LXZ+22]. too [ARB20].

tool [ACG20, BKS22, JCC+21, YKN21]. tool-based [JCJ+21].

toolkit [ZFWL22]. Tools [FACH21, CBK22, GMPMS21, PCR20, RKG20, YK20].

toolset [HS+22]. top [LLL+23d, SYG+21]. top- [SY+21]. topic [WZ+22]. Topology [WLS22, SHM2a, LZS21, LXZ+22].


traceable [SJ+20]. Traces [QYJ22, OPK20]. Tracking [ZY22].

tracking [ATMN20, MW20, MCJPS22]. trade [GTL+22, SYL+20].

trade-off [SYL+20]. trade-offs [GTL+22]. traffic [CPR21, DMD+20].
GCV22, JQYL22, KSSL22, LLL+22a, LLLZ21, LWX+22, LWZ22, MSCJ21, MRL22, NZZ+22, STB+20, WFT22, YXL+22, ZHJ+21, ZCD+22, ZSGB+22].

Tracis [XLY+20]. trained [DČUD22]. Training

[ KMG21, AMA21, CKG22, LHGB21, LCC+22, RKH+22, RCD21, SEG+22, XM21, XFY21, YS22], trajectory [LC21, WK20]. transaction

[ KAK21, WTL+21]. transactions [AAE20, KK20, RPR+21].

transductive [ZLY+21]. transfer [KL22, ZWW+21]. transferability

[ DTT+22]. Transferable [LJJ22, WZZ+22, Sar21]. transform

[ FEA22, LHS21]. transformation [MHSK21, SA20, Sha21, TTRY20]. transformed [HDZ+22]. transformer [DČUD22, LFCD21]. transmission


transmission

[ WPS20]. transnational

transformation

[ MHSK21, SA20, Sha21, TTRY20]. transformed

[ HDZ+22]. transformer

transformation

transformed

transformer

transmission

transmit

transmission

transformed

transformer

transmission

transmission

ubiquitous [OO21]. UCFL [DKSS20]. UMUDGA [ZPP20]. uncertainties

[HCLRM20]. uncertainty [Ade21]. Unchanged [Fur22]. Unclonable

[PC22]. Uncovering [NZZ+22]. Underground [CHP21]. Uncovering

[ PPK+21]. Understanding [LLG20, WZZW20, AZ20, GZGG20].

unexplored [OAA+22]. unfavorable [ALD+21]. Unifed [YZW+20, IB20].

uniform [HSL20]. Universal [AHL+21, VS22, YCCZ21]. unknown

[CKV22, JZQ+22, LWL21, WTW21, YXL+22]. Unpacking [SWK20].

unstructured [AGM20, GLTH21, JLS22, OMO20b, WTX+22].

Unsupervised

[PSY+22, PTD20, KDDM20a, KDDM20b, LMD+22, QMW20b]. unveiling

[AKH20]. URL [dSFG20]. URL-based [dSFG20]. usability

[MKL21]. Usable

[BF20, KKS+22, JCJ+21]. usage [LHH+20]. Use

[ YK22b, Alq22, BRM21, JDBB20, JE21, MCJPS22, vdSFF20b]. User

[DKSS20, GBA22, Og6b21, QXS+22, BKA20, BTBH20, GZGG20, GKC22, LsJC+22, LHAE22, LFZ+22, MBFIdD21, MKC+21, MD22, MB20b, OMO20a, OMO20b, PFHB21, SU21, SAAW21, SKS21, TWW21, UWL22, KKS+22].

user-centric [MKC+21]. user-granted [OMO20a]. user-space [LsJC+22].
user-specific [UWL22], users [AAE20, FHW22, PSCT21], userspace [LCSD20]. **USIM** [JZQ+22]. Using [CMFUAD20, DLQ+21, GJB22, KC22, MRG21, QYJ22, WRG+21, ABAM22, AA22b, AK20, AYS20, ADC+20, BKA20, BTM21, CPR21, CLL+21, CZZ+21, CFZL22, CSKD22, CVK22, DA20, DKSS20, DS21, DSC20, FMA22, FE22, GZS+22, GL21, GMS20, GJC20, HDS21, HuRMMW22, HMMW22, HLZ+21, HYR+22, JQYL22, JIG22, KAM+21, KDDM20a, KDDM20b, KG20, KSSL22, LL22a, LLL+20b, LFCD21, LGH21, LRH+21, MSG22, MB20b, MG+22, NFVN+22, NRS21, NZZ+22, OSM22, OMO20a, OMO20b, OEOZ22, PRTV22, PII+20, PSCT21, RRM20, RDHSB22, RHH+22, SRTBK21, SA20, SK20, SS22, STB+20, SW22, SWK20, Tek21, TWW21, VAW+20, WLQ20, Wan21, WPS20, XGS+21, ZCJ20, ZZWF21, ZCD+22, ZJJS+22]. utility [CHJ22, GSS+20].

Utilizing [CBK20, MKL21].

**vaccine** [SAJP22]. **VAE** [LWLT21]. **VAE-SVDD** [LWLT21]. **VAEPass** [YHZ+22].

**Validation** [MMvS20, PA20]. Value [EAN+22, KKP22, MTG22, SG21]. Value-at-Risk [EAN+22].


**verify** [BOS+21]. Verifying [SLBG21]. versus [AKH20]. via [BB21, CNTBG21, DZZ+22, FCSP21, GFM+22, GSE20, HLP22, LLL+22d, LWL21, ML20, VMS20, XXZ+21, LLL+22].

**Victim** [CB22b]. video [DMD+20, FNL+20, SJ21]. view [CYL+21, CXC22, OMO20a, OZW+21, SJ21]. views [YCM20]. violation [FV21]. Virtual [BTAB22, DS20, HLL+21, KBC21, RPR+21, YSM+21].

**virtualization** [CBF20, ZTY+20]. virus [SGS20]. viruses [SYF+21].


vote [LSL20]. Voting [KAK21]. vs [DA20, MDR20]. \**Vulcan** [LJS22].


X [AKAFQ22, WSC+ 20, YZW+ 20]. X-repute [WSC+ 20]. XACML [MYMC20]. XSS [CGS22, CTH+ 22, LFHH22, WYW+ 22].

Years [GMBV21, CCH+ 22, Fur22]. YOLACT [ZHL+ 22].


References

REFERENCES


REFERENCES


Aleroud:2020:GPF


Ahmad:2022:CDL


Alahmadi:2022:MMP


AlJawaheri:2020:DTH


Al-Bakaa:2022:NID

Arshad:2022:PAL


Arfaoui:2020:CAA


Arcolezi:2020:FNF


Anglano:2020:AFA

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Andersson:2020:CVW

Ali:2021:IBF

Aiken:2021:NNL

Ali:2021:SMR
REFERENCES

Alqahani:2022:SUV


Alshaikh:2020:DCC


Ahvanooey:2020:ANI


Alshaikh:2021:ASM


Adahman:2022:AZT

REFERENCES

Al-Maliki:2021:CRM


Ahmad:2022:E


Ahmad:2021:HCO


Azeez:2021:AAW


Alishahi:2022:ANR


REFERENCES

Anonymous:2020:EBc


Anonymous:2020:EBd


Anonymous:2020:EBe


Anonymous:2020:EBf


Anonymous:2020:EBg


Anonymous:2020:EBh


Anonymous:2020:EBl

REFERENCES


[Ano20l]


[Ano20m]


[Ano20n]


[Ano20o]


[Ano20p]


[Ano20q]

Anonymous:2020:Ma


Anonymous:2020:Mb


Anonymous:2020:N


Anonymous:2020:O


Anonymous:2020:S


Anonymous:2021:Aa


Anonymous:2021:Ab


Anonymous:2021:D

REFERENCES

Anonymous:2021:EBa


Anonymous:2021:EBb


Anonymous:2021:EBc


Anonymous:2021:EBd


Anonymous:2021:EBe


Anonymous:2021:EBf


Anonymous:2021:EBg

REFERENCES


Anonymous:2021:EBh


Anonymous:2021:EBi


Anonymous:2021:EBj


Anonymous:2021:EBk


Anonymous:2021:EBl


Anonymous:2021:F

Anonymous:2021:Ja


Anonymous:2021:J


Anonymous:2021:Jb


Anonymous:2021:Ma


Anonymous:2021:Mb


Anonymous:2021:N


Anonymous:2021:O


Anonymous:2021:RA

REFERENCES


Anonymous:2022:EBk


[Ano22n]


[Ano22o]


[Ano22p]


[Ano22q]


[Ano22r]


[Ano22s]


[Ano22t]

Anonymous:2022:EB1


Anonymous:2022:F


Anonymous:2022:Ja


Anonymous:2022:Jc


Anonymous:2022:Jb


Anonymous:2022:Ma

Anonymous:2022:Mb


Anonymous:2022:N


Anonymous:2022:O


Anonymous:2022:RA


Anonymous:2022:S


Aydin:2022:LST


Arshad:2020:SAF


REFERENCES


REFERENCES


REFERENCES


Amiri-Zarandi:2020:SML


Amer:2021:MPM


Bozkir:2020:LCH


Bosnjak:2020:SSE


Bidgoly:2020:SMC

REFERENCES


REFERENCES


[Ber] Sergio López Bernal, Alberto Huertas Celadrán, and Gregorio Martínez Pérez. Neuronal jamming cyberattack over invasive BCIs affecting the resolution of tasks requiring visual


REFERENCES

Buckley:2022:CCL

Berry:2022:EOF

Balakrishnan:2020:ICD

Binbeshr:2021:SRP

Baskerville:2022:CRE
Richard L. Baskerville, Jongwoo Kim, and Carl Stucke. The cybersecurity risk estimation engine: a tool for possibility


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Canfora:2020:IVF


Ceragioli:2022:CMF


Cimino:2020:MCM


Cotroneo:2021:TCC


Colombo:2022:EAB

REFERENCES


Chen:2022:ENB


Choo:2021:MAI


Chaudhary:2022:SHE


Chen:2022:SSU


Cabrero-Holgueras:2021:MLS

REFERENCES


[CPR21] Francesco Caturano, Gaetano Perrone, and Simon Pietro Romano. Discovering reflected cross-site scripting vulnerabilities using a multiobjective reinforcement learning environ-
Catillo:2021:DRP


Cao:2022:SAV


Chen:2021:AVS


Chaganti:2022:DLB


Castelblanco:2022:DFA


Cayir:2021:RCF


Chevrot:2022:CCA


Chen:2022:TNR


Chen:2022:VI


Chen:2020:CBR

REFERENCES

Chen:2021:DGB


Chen:2020:RSN


Chen:2022:FLT


Cheng:2022:MTA


Coulter:2022:DAW

[CZPX22] Rory Coulter, Jun Zhang, Lei Pan, and Yang Xiang. Domain adaptation for Windows advanced persistent threat detection. *Computers & Security*, 112(??):Article 102496, Jan-
Chen:2021:ODP


Chen:2021:FND


Chen:2021:HIS


DaSilva:2022:CSL


Dionysiou:2020:SMV

[DA20] Antreas Dionysiou and Elias Athanasopoulos. SoK: Machine vs. machine — a systematic classification of auto-


REFERENCES


Diesch:2020:CMI


Dang-Pham:2022:IIS


Doucek:2020:APS


Dileesh:2020:MPV


Dileesh:2021:ASD

E. D. Dileesh and A. P. Shanthi. An application specific dynamic behaviour model using function-call sequence and memory access-graph for execution integrity verification. *Comput-
Dhillon:2022:OOS

Dorsala:2020:FPV

daSilva:2020:HBS

DOnghia:2022:ASD

Duy:2021:DDI
Phan The Duy, Le Khac Tien, Ngh Hoang Khoa, Do Thi Thu Hien, Anh Gia-Tuan Nguyen, and Van-Hau Pham. DIG-FuPAS: Deceive IDS with GAN and function-preserving on


daVeiga:2020:DOI


Doctor:2020:EDE


Du:2022:MPL


REFERENCES


REFERENCES


REFERENCES


REFERENCES

103


Fang:2020:CFT


Fang:2022:DRP


Giddens:2020:GBI


Gajrani:2020:EPR


Galbally:2020:NFB


Graveto:2022:SBA


Guerra:2022:DEC


Gao:2021:GAM


Garcia:2021:OFC


Green:2021:PTA

REFERENCES


REFERENCES


Gernot:2022:BM


Grosse:2022:BSD


Guo:2021:EES


Gao:2022:SSE


Guerra-Manzanares:2022:RTI

Guerra-Manzanares:2021:KTB


Gallo:2021:YAP


Guerra-Manzanares:2022:CDC


Gibert:2020:HMD


Gibert:2021:ASM

REFERENCES

Guerreiro:2020:TSE

Galal:2022:BKP

Gallagher:2022:IML

Galloro:2022:SLS

Gudeme:2021:CMR
REFERENCES


Guri:2020:FAD


Griswold-Steiner:2021:SSP


Gill:2020:GCG


Guan:2020:DPG


Gonen:2020:FDI

REFERENCES


REFERENCES


REFERENCES


[0x0] Guo:2021:SHS


[0x0] Guo:2020:NPP


[GZGG20]


[HAKK21]


[0x0] Henriques:2022:ACL

João Henriques, Filipe Caldeira, Tiago Cruz, and Paulo Simões. An automated closed-loop framework to enforce security policies from anomaly detection. Computers &
REFERENCES


**Ho:2021:CCD**


**Hammad:2022:MRN**


**Hu:2022:TPP**


**Hart:2022:CSG**


**Han:2020:CTC**

[HHSL20] Jiaxuan Han, Cheng Huang, Fan Shi, and Jiayong Liu. Covert timing channel detection method based on time


REFERENCES


REFERENCES


[Haider:2020:FHF]

[Haseeb:2022:PMD]

[Hart:2020:RSG]

[Harush:2021:DAB]

[Hassanin:2022:RMM]
REFERENCES

Hamid:2022:BEA

Hodges:2021:CEB

Henry:2020:SPS

Huang:2022:BCT

Himeur:2022:LTS
Yassine Himeur, Shahab Saquib Sohail, Faycal Bensaali, Abbes Amira, and Mamoun Alazab. Latest trends of
Huang:2022:DMD


Hu:2020:ENU


Husak:2022:CTC


Ho-Sam-Sooi:2021:IES

REFERENCES


Linan Huang and Quanyan Zhu. A dynamic games approach to proactive defense strategies against Advanced Persistent Threats in cyber-physical systems. *Computers
Huang:2022:RRA


Hu:2019:BBA


Hu:2020:CBB


Hammi:2022:SSH

REFERENCES

Hu:2021:STV


He:2021:SNT


Huang:2020:BBS


Hu:2021:CCP


Hu:2020:SMV


Iadarola:2021:TID


Iyer:2022:EPN


Ibitoye:2022:DPS


Jang:2022:PBE


Jmila:2021:TSA

REFERENCES


Jian:2021:NFI


J:2022:PPF


Jung:2022:CCA


Jin:2020:SRT


Jo:2022:VAE

REFERENCES

Jang:2020:ICE

Jha:2020:RNN

Jacob:2022:ADT

Javeed:2021:PD

Jin:2022:BR
Ki-Aries:2022:ASS


Khan:2021:EAT


Kanwal:2021:RPP


Kucab:2021:RAI


Kim:2022:OMD


[KDI21] V. Anil Kumar, Debabrata Das, and Senior Member IEEE. Data sequence signal manipulation in multipath TCP (MPTCP): the vulnerability, attack and its detection. *Computers & Security*, 103(??):Article 102180, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (elec-
REFERENCES

134


Kim:2021:SDP


Kurniawan:2022:KK


Kuang:2022:SRA


Kuang:2020:DRD


Kumar:2020:MCS

REFERENCES


REFERENCES


Krishnan:2020:ECR


Konashevych:2020:RTB


Kaur:2021:CSD


Kim:2021:CAV


REFERENCES


REFERENCES


Kang:2021:WDD


Khalid:2022:VAQ


Katsantonis:2021:DEC


Koucham:2022:CDA


Kam:2020:CCL

REFERENCES


Knox:2020:WRH


Knight:2020:FEC


Kushwah:2021:OEL


Kasongo:2020:DLM


Karjalainen:2020:TST

REFERENCES


Kumar:2022:MLB


Kumar:2022:WCC


Korba:2020:ABF


Kuo:2020:MAD


Khan:2022:CBR

REFERENCES


Kong:2022:FFC


Lin:2020:DPP


Li:2021:PTP


Li:2022:KKC


Liu:2021:SMS


Leszczyna:2021:RCA


Li:2021:PMI


Liu:2022:PGE


Liu:2021:EMA


Liu:2021:FNI

REFERENCES


Liu:2021:EMP


Li:2021:DPH


Long:2022:SAA


Levi:2022:BEC


LaFleur:2021:TPS

[LHGB21] Claire La Fleur, Blaine Hoffman, C. Benjamin Gibson, and Norbou Buchler. Team performance in a series of regional and national US cybersecurity defense competitions: Generalizable effects of training and functional role specializa-
REFERENCES


REFERENCES


Lu:2022:PEP


Liu:2020:FSP


Li:2022:FSI


Lin:2022:SDS


Lu:2020:IVS


REFERENCES

Liang:2020:OBA


Liu:2021:SAB


Ling:2021:SFN


Lee:2022:PRR


Larriba:2020:TAE

REFERENCES

Lallie:2021:CSA


Landauer:2020:SLC


Lu:2022:DSC


Lai:2022:IMN


Lee:2021:TCS

REFERENCES


Liu:2021:SGN


Luo:2021:ABA


Li:2020:DTA


Lin:2021:RSC


Li:2022:DDA

[LWX+22] Bin Li, Yijie Wang, Kele Xu, Li Cheng, and Zhiquan Qin. DFAID: Density-aware and feature-deviated active intrusion detection over network traffic streams. Computers & Security, 118(??):Article 102719, July 2022. COD-
REFERENCES


[LYD20] Xueqin Liang, Zheng Yan, and Robert H. Deng. Game theoretical study on client-controlled cloud data deduplica-
REFERENCES

Li:2021:LPP


Lv:2020:ASB


Li:2022:CRM


Luo:2020:SDR


Liu:2021:NDD

[LZDZ21] Xiaohu Liu, Hengwei Zhang, Shuqin Dong, and Yuchen Zhang. Network defense decision-making based on a stochastic game system and a deep recurrent Q-network. *Comput-
Liu:2022:PPC

Lu:2020:CAF

Li:2022:EYC

Lu:2020:SSD

Liu:2021:QCP
Xiaoxue Liu, Jiexin Zhang, Peidong Zhu, Qingping Tan, and Wei Yin. Quantitative cyber-physical security analysis methodology for industrial control systems based on


Malhi:2020:SV

McGahagan:2021:DFD

Meland:2020:RSE

Mathov:2022:SBM

Matthew:2020:AAO
Peter Matthew and Susan Canning. An algorithmic approach for optimising biometric systems using liveness and coercion detection. *Computers & Security*, 94(??):Article 101831, July
REFERENCES


REFERENCES

Meyer:2020:AAP

Mahdavi:2020:RTA

Maoneke:2020:ESM

Mulahuwaish:2020:ECM

Maesschalck:2022:DGS
Sam Maesschalck, Vassileios Giotsas, Benjamin Green, and Nicholas Race. Don’t get stung, cover your ICS in honey: How do honeypots fit within industrial control system security. *Computers & Security, 114(*): Article 102598, March


Yunfei Meng, Zhiqiu Huang, Guohua Shen, and Changbo Ke. A security policy model transformation and verific-


[MLV+21] Florian Menges, Tobias Latzo, Manfred Vielberth, Sabine Sobola, Henrich C. Pöhls, Benjamin Taubmann, Johannes Köstler, Alexander Puchta, Felix Freiling, Hans P. Reiser,

Maeda:2021:APE


Motylinski:2022:GBM


Malatji:2020:VST


Martin-Perez:2021:PPM

Marques:2021:WUD


Mohanty:2022:RSE


Merlo:2021:YSR


Ma:2021:NMA


Manimaran:2022:SNF

REFERENCES


Mohanty:2021:HNH


Mileva:2021:CAM


Mansoori:2020:HDT


Mikhail:2020:PGE


Mejri:2020:RSA

REFERENCES


REFERENCES


REFERENCES


James Obert, Adrian Chavez, and Jay Johnson. Distributed renewable energy resource trust metrics and secure routing.
Ozkan:2022:EAC


Ortega:2020:DFP


Ogbanufe:2021:EEU


Olukoya:2022:AFE


Olukoya:2020:SOV

Oluwafemi Olukoya, Lewis Mackenzie, and Inah Omoronyia. Security-oriented view of app behaviour using textual descriptions and user-granted permission requests. *Comput-
REFERENCES


Olukoya:2020:TUU


Onwubiko:2020:FMM


Olakanmi:2021:CRA


Oh:2020:WDD


OShaughnessy:2022:IBM


Zhiyou Ouyang, Xu Zhai, Jinran Wu, Jian Yang, Dong Yue, Chunxia Dou, and Tengfei Zhang. A cloud endpoint coordinating CAPTCHA based on multi-view stacking ensem-

**Parvez:2020:SVB**


**Pashamokhtari:2022:AQR**


**Pu:2022:LSA**


**Patsakis:2020:ECD**


**Paruchuri:2020:GRE**


**Park:2021:MCA**


**Pu:2022:DDE**


**Pinhero:2021:MDE**


**Paananen:2020:SAI**

References


[PRTV22] Ramkumar M. P., P. V. Bhaskar Reddy, J. T. Thirukrishna, and Ch. Vidyadhari. Intrusion detection in big data using hybrid feature fusion and optimization enabled

**Plotnek:2021:CTH**


**Petrykina:2021:NUT**


**Parast:2022:CCS**


**Patil:2022:MFB**


Qayyum:2022:MFL


Qiu:2022:HID


Qian:2020:SEA


Qin:2020:AUA


Quamara:2022:SSS

REFERENCES


Yanchen Qiao, Weizhe Zhang, Zhicheng Tian, Laurence T. Yang, Yang Liu, and Mamoun Alazab. Adversarial malware sample generation method based on the prototype of deep learning detector. *Computers & Se-
Russo:2020:BNG


Reeves:2021:GRH


Ray-Dowling:2022:EMM


Raman:2020:DAA


Ruan:2020:GMF

Na Ruan, Ruoyu Deng, and Chunhua Su. GADM: Manual fake review detection for O2O commercial platforms. *Com-
Robles-Gonzalez:2020:LBF


Rashidibajgan:2021:SPP


Riera:2022:NML


R:2021:SRS


Rostami:2020:RCT

[RKG20] Elham Rostami, Fredrik Karlsson, and Shang Gao. Requirements for computerized tools to design information security
Rashid:2022:ATD


Radhika:2020:CAF


Rass:2022:SML


Rong:2020:TFT

REFERENCES


REFERENCES


REFERENCES


[RZW^+20] Yizhi Ren, Qi Zhou, Zhen Wang, Ting Wu, Guohua Wu, and Kim-Kwang Raymond Choo. Query-efficient label-only

[S]:2020:ITP


[Sharma:2022:OTC]


[Saidani:2020:SBC]


[Seng:2021:FLU]


[Sharevski:2022:MWT]

[SAJP22] Filipo Sharevski, Ramiem Alsaaadi, Peter Jachim, and Emma Pieroni. Misinformation warnings: Twitter’s soft moderation effects on COVID-19 vaccine belief echoes. *Comput-
Sarier:2021:CBB


Sebastian:2020:OSE


Spagnuelo:2020:QMT


Sani:2022:SSP

REFERENCES

Singh:2021:SSH


Sinigaglia:2020:SMF


Sarfaraz:2021:TSB


Sammoud:2020:NBB


Sun:2021:VVD

REFERENCES


Shwartz:2020:ICH


Svabensky:2021:CKS


Shen:2022:FFB


Stergiopoulos:2020:ANR


Shillair:2022:CEA

Ruth Shillair, Patricia Esteve-González, William H. Dutton, Sadie Creese, Eva Nagyfejeo, and Basie von Solms. Cybersecurity education, awareness raising, and training initia-
REFERENCES


Shahim:2021:SDT

Slijepcevic:2021:APH

Shi:2020:ABE

Sonmez:2022:ADA

Sonmez:2022:DSH
Ferda Özdemir Sönmez, Chris Hankin, and Pasquale Malacaria. Decision support for healthcare cyber security. *Computers & Security*, 122(??):Article 102865, November 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-
REFERENCES


REFERENCES


REFERENCES


Pedro Miguel Sánchez Sánchez, Lorenzo Fernández Mainó, Alberto Huertas Celdrán, and Gregorio Martínez Pérez. AuthCODE: a privacy-preserving and multi-device continuous

**Singh:2022:SML**


**Shepherd:2021:PFI**


**Schmitz:2020:LLS**


**Siponen:2020:CIN**

REFERENCES

Singh:2020:BSC

Sicari:2022:ISP

Sung:2022:DKL

Sadique:2022:MAA

Sohi:2021:REN


REFERENCES

Shahani:2021:CBR


Schlette:2021:PCS


Simoglou:2021:IDS


Strous:2021:SPI


Shin:2022:PAE


Alaa Tolah, Steven M. Furnell, and Maria Papadaki. An empirical analysis of the information security culture key factors
Thomas:2022:FDP


Tripathi:2021:PTS


Tian:2020:CDI


Tzvetanov:2020:FLF


Thangavelu:2021:ICI

Manisekaran Thangavelu, Venkatagarhavan Krishnaswamy, and Mayank Sharma. Impact of comprehensive information security awareness and cognitive characteristics on security incident management — an empirical study. *Comput


REFERENCES

Torquato:2020:MTD

Tian:2020:FGA

Tian:2022:DFD

Tian:2021:DIA

Tekerek:2022:NMC


[Uchendu:2021:DCS] Betsy Uchendu, Jason R. C. Nurse, Maria Bada, and Steven Furnell. Developing a cyber security culture:

**Upadhayay:2020:SSC**


**Umar:2022:ATT**


**Uuganbayar:2021:OCI**


**Vasan:2020:IBM**


REFERENCES


REFERENCES

Vadillo:2022:HEU


vanSchaik:2020:RAA


Vu:2022:PPN


Wang:2021:DWC


Woods:2022:CC


Williams:2020:VAP

Mark A. Williams, Roberto Camacho Barranco, Sheikh Motahar Naim, Sumi Dey, M. Shahriar Hossain, and Monika
REFERENCES


REFERENCES


Wajdi:2020:AED


Wu:2021:SPS


Wongwiwatchai:2020:DPI


Wasko:2021:UAR


Wu:2021:TMO

REFERENCES


Jianyuan Wu, Tianyao Tong, Yifang Chen, Xiangui Kang, and Wei Sun. An adversarial learning framework with cross-domain loss for median filtered image restoration and anti-forensics. *Computers & Security*, 112(??):Article 102497, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-
REFERENCES


[Wang:2022:OSS] Songyun Wu, Bo Wang, Zhiliang Wang, Shuhan Fan, Jiuhai Yang, and Jia Li. Joint prediction on security

[Wang:2022:PPS]


[Wang:2022:BBA]


[Wang:2020:PPH]


[Wang:2022:SDF]


[Wang:2022:TAE]

Zhen Wang, Yitao Zheng, Hai Zhu, Chang Yang, and Tianyi Chen. Transferable adversarial examples can efficiently fool


REFERENCES

Xiao:2021:IBM

Xu:2021:DTR

Xia:2020:DMC

Xue:2022:PRP

Xue:2020:LLO
Mingfu Xue, Can He, Jian Wang, and Weiqiang Liu. LOPA: a linear offset based poisoning attack method against adaptive fingerprint authentication system. *Computers
REFERENCES


[XWW+20] Lijuan Xu, Bailing Wang, Lianhai Wang, Dawei Zhao, Xiaohui Han, and Shumian Yang. PLC-SEIFF: a programmable


REFERENCES


REFERENCES

Yamin:2021:SGT


Yang:2020:ZKP


Yang:2022:SLR


Yan:2021:HBH


Yang:2022:FIF

REFERENCES


Yuan:2021:DLI


Yang:2022:LCB


Yuan:2020:BLM


Yeo:2022:SSC


Yu:2022:SBH


[Yang:2022:AMD]


[Yao:2020:PPE]


[Yun:2022:DUH]


[Yang:2020:DBL]

REFERENCES


**Zhu:2022:BBA**


**Zhou:2020:CEM**


**Zhou:2021:SSR**


**Zhou:2022:LHT**


**Zhao:2021:PDS**

Jinxiong Zhao, Sensen Guo, and Dejun Mu. DouBiGRU-A: Software defect detection algorithm based on atten-
REFERENCES


Fangtian Zhong, Pengfei Hu, Guoming Zhang, Hong Li, and Xiuzhen Cheng. Reinforcement learning based adversarial malware example generation against black-box detec-
Zhu:2022:FSM


Zhang:2020:ABL


Zhang:2022:CRN


Zhang:2021:DSA

REFERENCES


Zhang:2020:FEA


Zhang:2022:MAC


Zhang:2021:EHA


Zhang:2021:DPG


Zhao:2020:PPS

Zago:2020:UDP


Zhang:2020:AKC


Zola:2022:NTA


Zibak:2021:SMC


Zhang:2021:TDD

REFERENCES


/ZYH+22/ Zongyang Zhang, Jiayuan Yin, Bin Hu, Ting Gao, Weihan Li, Qianhong Wu, and Jianwei Liu. ClTracer: a cross-ledger

Zhao:2020:TAE


Zheng:2022:PHC


Zhu:2022:DPH


Zuzcak:2020:Esa

REFERENCES


REFERENCES