1.	Record Nr.	UNINA9910734889303321
	Titolo	Digital Forensics and Cyber Crime : 13th EAI International Conference, ICDF2C 2022, Boston, MA, November 16-18, 2022, Proceedings / / edited by Sanjay Goel, Pavel Gladyshev, Akatyev Nikolay, George Markowsky, Daryl Johnson
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
	ISBN	9783031365744
		3031365747
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (488 pages)
	Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 508
	Disciplina	363.25968
	Soggetti	Artificial intelligence
		Application software
		Computers
		Computer networks
		Data protection
		Artificial Intelligence
		Computer and Information Systems Applications
		Computing Milieux
		Computer Communication Networks
		Data and Information Security
		Delictes informàtics
		Control d'accés als ordinadors
		Seguretat informàtica
		Intel·ligència artificial
		Protecció de dades
		Congressos
		Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Image Forensics -- Image-to-Image Translation Generative Adversarial

Networks for Video Source Camera Falsification -- Towards efficient on-site CSAM triage by clustering images from a source point of view -- Can Image Watermarking Efficiently Protect DeepLearning-Based Image Classifiers? – A Preliminary Security Analysis of an IP-Protecting Method -- Forensics Analysis -- Digital Forensics Tool Evaluation on Deleted Files -- Forensic Analysis of Webex on the iOS Platform -- Watch Your WeChat Wallet: Digital Forensics Approach on WeChat Payments on Android -- Crypto Wallet Artifact Detection on Android Devices using Advanced Machine Learning Techniques -- SPREAD SPECTRUM ANALYSIS -- CSCD: A Cyber Security Community Detection Scheme on Online Social Networks -- Shedding Light on Monopoly: Temporal Analysis of Drug Trades -- Extracting Spread-Spectrum Hidden Data Based on Better Lattice Decoding -- TRAFFIC ANALYSIS AND MONITORING -- MQTT Traffic Collection and ForensicAnalysis Framework -- IoT Malicious Traffic Detection Based on FSKDE and Federated DIOT-Pysyft -- Crime and Incident Watch for Smart Cities: A Sensor-Based Approach -- Malware Analysis -- The Lightweight Botnet Detection Model Based on the Improved UNet -- On the application of active learning to handle data evolution in Android malware detection -- Volatility Custom Profiling for Automated Hybrid ELF Malware Detection -- Security Risk Management -- The Need for Biometric Anti-Spoofing Policies: The Case of Etsy -- VPnet: A Vulnerability Prioritization Approach Using Pointer Network and Deep Reinforcement Learning -- Are External Auditors Capable of Dealing with Cybersecurity Risks? -- Deep Learning-based Detection of Cyberattacks in Software-Defined Networks -- Deep Learning Based Network Intrusion Detection System for Resource-Constrained Environments -- Poisoning-Attack Detection using an Auto-Encoder for Deep Learning Models -- PRIVACY AND SECURITY -- Attribute-based Proxy Re-encryption with Privacy Protection for Message Dissemination in VANET -- PBPAFL: A Federated Learning Framework with Hybrid Privacy Protection for Sensitive Data -- Cyber Crime undermines Data Privacy efforts – On the Balance between Data Privacy and Security -- Automating the Flow of Data Between Digital Forensic Tools using Apache NiFi -- Android Mobile Terminal Security Assessment Based on Analytical Hierarchy Process (AHP) -- A General Steganalysis Method of QR Codes.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 13th EAI International Conference on Practical Aspects of Digital Forensics and Cyber Crime, ICDF2C 2022, held in Boston, MA, during November 16-18, 2022. The 28 full papers included in this book were carefully reviewed and selected from 80 submissions. They were organized in topical sections as follows: Image Forensics; Forensics Analysis; spread spectrum analysis; traffic analysis and monitoring; malware analysis; security risk management; privacy and security. |