



Advances in Artificial Intelligence and Security [:7th International Conference, ICAIS 2021, Dublin, Ireland, July 19-23, 2021, Proceedings, Part III /

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Springer International Publishing :

Imprint: Springer,

2021.

Monografía

The 3-volume set CCIS 1422, CCIS 1423 and CCIS 1424 constitutes the refereed proceedings of the 7th International Conference on Artificial Intelligence and Security, ICAIS 2021, which was held in Dublin, Ireland, in July 2021. The total of 131 full papers and 52 short papers presented in this 3-volume proceedings was carefully reviewed and selected from 1013 submissions. The papers were organized in topical sections as follows: Part I: artificial intelligence; Part II: artificial intelligence; big data; cloud computing and security; Part III: cloud computing and security; encryption and cybersecurity; information hiding; IoT security.

Título: Advances in Artificial Intelligence and Security electronic resource] :7th International Conference, ICAIS 2021, Dublin, Ireland, July 19-23, 2021, Proceedings, Part III edited by Xingming Sun, Xiaorui Zhang, Zhihua Xia, Elisa Bertino.

Edición: 1st ed. 2021

Editorial: Cham Springer International Publishing Imprint: Springer 2021.

Descripción física: XVIII, 758 p. 330 illus., 206 illus. in color. online resource.

Mención de serie: Communications in Computer and Information Science 1865-0929 1424

Documento fuente: Springer Nature eBook

Contenido: Cloud Computing and Security -- Design and Implementation of Information Detection System Based On Privacy Sensitive Data -- Performance Modeling of OpenMP Program Based On LLVM Compilation Platform -- A Method of network attack recognition Based on CNN+LSTM Model -- Encryption and Cybersecurity -- Recognition Method of Abnormal Data in Local Area Network Common Channel Based on Convolutional Neural Network -- MCF-CSA: A Multi-level Collaboration Framework for Cyber Situation Awareness and Information Sharing -- VABox: A Virtualization-based Analysis Framework of Virtualization-Obfuscated Packed Executables -- Imbalance Malware Classification by Decoupling Representation and Classifier- The promotion of online communication ability of mainstream media- HNN-based Prediction Method Supporting Discovery of Production Abnormal -- Efficient Forward and Backward Private Searchable Symmetric Encryption for Multiple Data Sources -- A feature extracting and matching system based on magic-number and AC-algorithm -- A Review: How to detect malicious domains -- A Homomorphic Encryption Method for Power Data Based on Improved Paillier Algorithm -- The Vulnerabilities in Smart Contracts: A Survey -- Detection of false data injection attacks in Smart Grid based on Machine Learning -- An Adversarial Examples Defense Method Based on Image Low-frequency Information -- Information Hiding -- A Robust Watermarking Algorithm for Video Game Artwork Based on Pose Estimation Neural Network -- Research on Content Authentication Technology of Electronic Bills Based on Text Watermarking Algorithm -- Finding the better distortion function from prior scheme for Image Steganography -- Application in Aviation Customer Churn Prediction Using Classification Algorithm Based on Machine Learning -- Color Image Steganography Scheme Based on Convolutional Neural Network -- Robust JPEG steganography using singular value decomposition in DCT domain -- 3D Coverless Image Steganography Scheme Based on 3D Slice Technology -- Software Information Hiding Algorithm Based on Import Table of Portable Executable File -- A Novel Robust Reversible Watermarking Method Against JPEG Compression -- A Common Steganalysis Method of Low Embedding Rate Steganography in Compressed Speech Based on Hierarchy Feature Extraction and Fusion -- TStego-THU: Large-scale Text Steganalysis Dataset -- IoT Security -- Integration Innovation of Competitive Intelligence, AI and Big Data Analysis -- A Comprehensive Review of IoT Technologies and Applications for Healthcare -- A Pervasive Narrow-band Internet of Things (NB-IoT) based health monitoring platform for Ambient Assisted Living,. Design and Development of Field Mobile Monitoring System for Forest Fire Fighting -- ZigBee Wireless Network Attack and Detection -- Joint ToF and Doppler Estimation for Reflection Path Under the Wi-Fi TTW Scenario -- Securing Satellite Internet of Things by Perceiving Content Semantics -- Research on Cultivating Senior Technical Talents Based on the Internet of Things Platform -- Liquid Metal Droplet Series Based Wire Oscillation -- Linear Time-invariant System Reduced-order Finite-time Observer -- Research on invulnerability of WSN based on small world characteristics of complex networks -- Collaboration energy efficiency with mobile edge computing for target tracking in IOT -- Realization of CSI-based Human Behavior Recognition: A Survey -- Security Analysis of Blockchain Smart Contract: Taking Reentrancy Vulnerability as an Example -- Research on Data Security Protection System of Monitoring and Acquisition System Based on Block Chain Technology -- Adaptive Active Immune Policy for Sensing Nodes in Internet of Things -- ELM Forecasted Model of Ammonia Nitrogen in Lake Taihu Combined with Adaboost and Particle Swarm Optimization Algorithms -- Study on Identification of Multiple Pesticide Residues in Lettuce Leaves Based on Hyperspectral Technology -- Robust JPEG Image Steganography Based on SVD in Wavelet Domain -- Raw Material Traceability of Industrial Control

System based on Blockchain -- Survey: Research on Blockchain Consensus Mechanism in IoT Security -- Research on Life Prediction Model of Field Seismic Equipment Based on IFA-RVM Algorithm -- Optimization of Location Technology in Meteorological Wireless Sensor Network -- A Survey on the Applications of Wi-Fi Sensing -- Efficient Partially Policy-Hidden CP-ABE for IoT assisted Smart Health -- A Novel Hand Gesture Recognition Method for FMCW Radar -- A Novel Blockchain-based Revocable Permission Management on CP-ABE Scheme.- Automated Authentication of Large-scale IoT Devices with Hybrid Feature Selection -- A Practical Blockchain Framework for Securing IoT Applications -- A Blockchain-based Internet of Things Forensics Model -- Network Device Identification based on MAC Boundary Inference -- Providing Network-based Datasets and Multi-dimensional Features for IoT Botnet Detection Research -- The cross-domain identity authentication scheme has no trusted authentication center in the cloud environment -- A Caching Strategy Based On Content Popularity Level for NDN. .

ISBN: 9783030786212 978-3-030-78621-2

Materia: Computer security Computers Computer communication systems Architecture, Computer Data encryption (Computer science) Coding theory Information theory Systems and Data Security Information Systems and Communication Service Computer Communication Networks Computer System Implementation Cryptology Coding and Information Theory

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Entidades: SpringerLink (Online service)

Enlace a formato físico adicional: Printed edition 9783030786205 Printed edition 9783030786229

Punto acceso adicional serie-Título: Communications in Computer and Information Science 1865-0929 1424.

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