



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

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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. .

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