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Soggetti	Cooperating objects (Computer systems) Computational intelligence Artificial intelligence Internet of things Cyber-Physical Systems Computational Intelligence Artificial Intelligence Internet of Things
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Nota di contenuto	Chapter 1. Micro Phasor Measurement Unit (μ PMU) in Smart Distribution Network: A Cyber Physical System -- Chapter 2. Emerging role of Intelligent Cyber Physical Systems in monitoring stability of engineered and natural slopes -- Chapter 3. Battery Management System in Smart City: An Application of Cyber Physical System -- Chapter 4. Security of Cyber-Physical Systems through the Lenses of the Dark Web -- Chapter 5. Sustainable and Secure IoT-Chain Architecture Integrated with Blockchain Technology -- Chapter 6. LIMBO: Telecom Signal Strength Coverage In Different Regions -- Chapter 7. Path Extraction and Planning for Intelligent Battlefield Preparation using Particle Swarm Optimization, Gravitational Search Algorithm and Genetic Algorithm --

Chapter 8. Smart Green Roof: A Prototype Towards Sustainable Smart Agriculture -- Chapter 9. Identifying Predictors for Substance Consumption Pattern using Machine Learning Techniques -- Chapter 10. Web-based Simulator for Operating Systems -- Chapter 11. An Analysis Study of IoT a DoS Attacks Perspective -- Chapter 12. The Effect of Sampling in the Machine Learning based Malware Analysis -- Chapter 13. Operating System Fingerprinting using Machine Learning -- Chapter 14. Comparing HDD to SSD from Digital Forensic Perspective -- Chapter 15. An Efficient Novel for Soil Fertility Evaluation.

Sommario/riassunto

This book presents innovative work by leading academics, researchers, and experts from industry which is useful for young researchers and students. This book includes selected papers from International Conference on Intelligent Cyber-Physical Systems (ICPS 2021), held at Indian Institute of Information Technology Kota (IIIT Kota), MNIT Jaipur Campus, Jaipur, India, during 16-18 April 2021. The book is a collection of the state-of-the art research work in the cutting-edge technologies related to the artificial intelligence and cyber physical systems. .
