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Nota di contenuto	A Method for Estimating the Number of Diseases in Computed Tomography Reports of the Japanese Medical Image Database (J-MID): Variations among Facilities -- Enabling Dynamic Vulnerability Assessment for Multi-web Application Using Executable Directed Acyclic Graph -- Discovery of RESTful Web Services Based on the Openapi 3.0 Standard with Semantic Annotations -- Perfresolv: A Geo-distributed Approach for Performance Analysis of Public Dns Resolvers Based on Domain Popularity -- Dars: Empowering Trust in Blockchain-based Real-world Applications with a Decentralized Anonymous Reputation System -- An Empirical Comparison of Outlier Detection Methods for Identifying Grey-sheep Users in Recommender Systems -- Adaptive Consensus: Enhancing Robustness in Dynamic Environments -- Cottontrust: Reliability and Traceability in Cotton Supply Chain Using Self-sovereign Identity -- Interoperability Between Evm-based Blockchains -- Stand-up Indulgent Gathering on Lines for Myopic

Luminous Robots -- IoT Identity Management Systems: The State-of-the-art, Challenges and a Novel Architecture -- Starm: Streaming Association Rules Mining in High-dimensional Data -- Regulation Compliance System for IoT Environments: GDPR Compliance as a Use-case -- Two-dimensional Models of Markov Processes for System Availability -- Enabling AI in Agriculture 4.: A Blockchain-based Mobile Crowdsensing Architecture.

Sommario/riassunto

Networks of today are going through a rapid evolution and there are many emerging areas of information networking and their applications. Heterogeneous networking supported by recent technological advances in low power wireless communications along with silicon integration of various functionalities such as sensing, communications, intelligence, and actuations are emerging as a critically important disruptive computer class based on a new platform, networking structure and interface that enable novel, low-cost and high-volume applications. Several of such applications have been difficult to realize because of many interconnection problems. To fulfill their large range of applications different kinds of networks need to collaborate and wired and next generation wireless systems should be integrated in order to develop high performance computing solutions to problems arising from the complexities of these networks. This book covers the theory, design and applications of computer networks, distributed computing, and information systems. The aim of the book "Advanced Information Networking and Applications" is to provide latest research findings, innovative research results, methods and development techniques from both theoretical and practical perspectives related to the emerging areas of information networking and applications.
