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| 1. Record Nr.           | UNINA9910847579203321   |
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| Titolo                  | Advanced Information Networking and Applications : Proceedings of the 38th International Conference on Advanced Information Networking and Applications (AINA-2024), Volume 6 // edited by Leonard Barolli  |
| Pubbl/distr/stampa      | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024   |
| ISBN                    | 9783031579424<br>3031579429   |
| Edizione                | [1st ed. 2024.]   |
| Descrizione fisica      | 1 online resource (526 pages)   |
| Collana                 | Lecture Notes on Data Engineering and Communications Technologies,<br>, 2367-4520 ; ; 204   |
| Disciplina              | 620.00285   |
| Soggetti                | Engineering - Data processing<br>Computational intelligence<br>Artificial intelligence<br>Data Engineering<br>Computational Intelligence<br>Artificial Intelligence   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di contenuto       | Survival Strategies for It Companies During Crisis: A Case Study of Russia -- Comparative Analysis of Ontologies for Archival Representation -- Augmented Reality for Cyberphysical Exploration of Archeological Sites -- Research on Archive Digital Editing and Studying Mode Survival Strategies for It Companies During Crisis: A Case Study of Russia -- Comparative Analysis of Ontologies for Archival Representation -- Augmented Reality for Cyberphysical Exploration of Archeological Sites -- Research on Archive Digital Editing and Studying Mode Homomorphic Cryptography Authentication Scheme to Eliminate Machine Tools Gaps in Industry 4.0 -- Fixed-parameter Tractability for Branchwidth of the Maximum-weight Edge-colored Subgraph Problem -- On Coverage in Multi-interface Networks with Bounded Pathwidth -- Sensitivity Analysis of Performability Model to Evaluate Pbft Systems -- Algorithmic Aspects of Distributing Energy Consumption in Multi-interface Networks -- Blockchain and Financial Services a Study of the |

Applications of Distributed Ledger Technology (Dlt) in Financial Services  
-- A Personalized Parking Guidance Service Based on Computer Vision  
Technology for Large Car Parks -- Mathematical Modelling of Covid-19  
Using Odes -- Analyzing Monitoring and Controlling Techniques for  
Water Optimization Used in Precision Irrigation.

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## 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.

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