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Nota di contenuto	Intro -- Contents -- Modelling of Propagation Loss for Single Trees Using Simulated Coppice at Microwave Frequencies -- 1 Introduction -- 2 Measurement Details -- 3 Conclusion -- References -- A New Collective Simulated Annealing with Adapted Objective Function for Web Service Selection -- 1 Introduction -- 2 Related Work -- 3 Proposed Method -- 4 Experimentation -- 5 Case Study -- 6 Conclusion -- References -- An Image Encryption-Based Method for Handwritten Digit Recognition -- 1 Introduction -- 2 Related Works -- 3 Image Encryption Systems -- 3.1 RSA Encryption -- 3.2 ECC Encryption -- 3.3 Chaos Encryption -- 3.4 Knight Encryption -- 3.5 Arnold Encryption -- 3.6 Joseph Encryption -- 4 Proposed Method -- 5 Experimentation and Results -- 6 Conclusion and Perspectives -- References -- The Malaysian Higher Education Students' Perceptions and Acceptance Toward Mobile Learning During the COVID-19 Pandemic -- 1 Introduction -- 1.1 Mobile Learning in Malaysia During the COVID-19 Pandemic -- 2 Purpose and Objectives of the Study -- 3 The Conceptual Framework -- 4 Methodology -- 5 Results and Discussion -- 5.1 Respondent Profile -- 5.2 Perceptions of Mobile Technology Adoption -- 5.3 Mobile Learning Perceptions and Acceptance During the COVID-19 Pandemic -- 5.4 Open-Ended

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Sommario/riassunto

The ICISAT'2022 conference provided a forum for research and developments in the field of information systems and advanced technologies and new trends in developing information systems organizational aspects of their development and intelligent aspects of the final product. The aim of the ICISAT'2022 is to report progress and development of methodologies, technologies, planning and implementation, tools, and standards in information systems, technologies, and sciences. ICISAT'2022 aims at addressing issues related to the intelligent information, data science, and decision support system, from multidisciplinary perspectives and to discuss the research, teaching, and professional practice in the field. The book of ICISAT'2022 includes selected papers from the 12th International Conference on Information Systems and Advanced Technologies "ICISAT'2022", organized online during August 26–27, 2022. In this book, researchers, professional software, and systems engineers from around the world addressed intelligent information, data science, and decision support system for the conference. The ideas and practical solutions described in the book are the outcome of dedicated research by academics and practitioners aiming to advance theory and practice in this research domain. The list of topics is in all the areas of modern intelligent information systems and technologies such as neural networks, evolutionary computing, adaptive systems, pervasive system, ubiquitous system, E-learning and teaching, knowledge-based paradigms, learning paradigms, intelligent data analysis, intelligent decision making and support system, intelligent network security, web intelligence, deep learning, natural language processing, image processing, general machine learning, and unsupervised learning.
