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Descrizione fisica	1 online resource (61 pages)
Collana	Advances in Science, Technology & Innovation, IEREK Interdisciplinary Series for Sustainable Development, , 2522-8722
Disciplina	620
Soggetti	Application software Data protection Data structures (Computer science) Information theory Computer and Information Systems Applications Data and Information Security Data Structures and Information Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Neuro Controller Design for Solar-Powered Wireless Network System -- 2. Sustainability Assessment in Manufacturing from Industry 4.0 Perspective for SMEs: A Case Study in Abrasive Waterjet Machining for Hard-To-Cut Materials -- 3. Dual Shock: COVID- 19 and Oil Prices from GCC perspective -- 4. A Cooperative Game Approach for Solving Water Resources Allocation -- 5. Dynamic Key Encryption using the Embedded Three Pass Protocol for Securing TCP Streams in WiMAX Link -- 6. An Empirical Analysis of Machine Learning Efficacy in Anti-Ransomware Tools -- 7. Conceptual Approach for Multimodal Biometrics FPGA-based Security System.
Sommario/riassunto	This book—consisting of four parts—brings forth a comprehensive evaluation of information and communication technologies (ICTs) utilization in engineering and infrastructures. The field of engineering has consistently been a bastion of problem-solving and innovation. It

has continuously aided humanity in conquering seemingly unsolvable obstacles by pushing the limits of human capability and ingenuity. In the modern age, modern computational methods and digital systems present themselves as the frontier of novel technological innovation, thus attaining the potential to considerably strengthen various engineering fields. Tackling essential topics such as the incorporation of informatics in infrastructure, cybersecurity, advanced networking techniques, and smart resource management, this book peers into the future of engineering, proving as an excellent resource for engineers, entrepreneurs, policymakers, network specialists, and finally, computer scientists.
