

1. Record Nr.	UNISA996500062803316
Titolo	Model and data engineering : 11th international conference, MEDI 2022, Cairo, Egypt, November 21-24, 2022, proceedings // Philippe Fournier-Viger, Ahmed Hassan, Ladjel Bellatreche (editors)
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	3-031-21595-8
Descrizione fisica	1 online resource (273 pages)
Collana	Lecture notes in computer science ; ; Volume 13761
Disciplina	006.312
Soggetti	Data mining Software engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Intro -- Preface -- Organization -- Abstracts of Invited Talks -- A Service-Based Approach to Drone Service Delivery in Skyway Networks -- Broad and Deep Learning of Big Heterogeneous Health Data for Medical AI: Opportunities and Challenges -- Contents -- Image Processing and Diagnosis -- Chaos-Based Image Encryption Using DNA Manipulation and a Modified Arnold Transform -- 1 Introduction -- 2 Preliminaries -- 2.1 Hyperchaotic Lorenz System -- 2.2 DNA Coding -- 2.3 Arnold Transform -- 3 Proposed Algorithm -- 3.1 Modified Arnold Transform -- 3.2 Encryption Process -- 3.3 Decryption Process -- 4 Performance Evaluation -- 4.1 Encryption Quality Metrics -- 4.2 Correlation Analysis -- 4.3 Information Entropy -- 4.4 Key Space and Sensitivity Analysis -- 4.5 Robustness Against Differential Attacks -- 5 Conclusion -- References -- Rice Plant Disease Detection and Diagnosis Using Deep Convolutional Neural Networks and Multispectral Imaging -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 3.1 Hardware Components -- 3.2 Data Collection Mobile Application -- 3.3 Analytics Engine Module -- 4 Experimental Evaluation -- 4.1 Dataset -- 4.2 Training Configuration -- 5 Conclusion -- References -- A Novel Diagnostic Model for Early Detection of Alzheimer's Disease Based on Clinical and Neuroimaging Features -- 1 Introduction -- 2 Materials and Methods -- 2.1 Proposed

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