

1. Record Nr.	UNINA9910896182603321
Autore	Das Nibaran
Titolo	Proceedings of International Conference on Data, Electronics and Computing : ICDEC 2023, Volume 2 // edited by Nibaran Das, Ajoy Kumar Khan, Swagata Mandal, Ondrej Krejcar, Debotosh Bhattacharjee
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819764891 9819764890
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (407 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 1103
Altri autori (Persone)	KhanAjoy Kumar MandalSwagata KrejcarOndrej BhattacharjeeDebotosh
Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Internet of things Computer networks Wireless communication systems Mobile communication systems Quantitative research Computational Intelligence Artificial Intelligence Internet of Things Computer Networks Wireless and Mobile Communication Data Analysis and Big Data
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Contents -- Editors and Contributors -- Video Indexing Through QR Code of Human Faces Using MTCNN Algorithm -- 1 Introduction -- 2 Literature Survey -- 3 Proposed Methodology and Function of Various Algorithms -- 3.1 Extracting Frame --

3.2 Taking Out the Keyframe -- 3.3 Face Portraits
from the Keyframes Were Cropped Using the MTCNN Algorithm --
3.4 Using a Barcode as an Index and a QR Code -- 4 Experimental
Results and Discussion -- 4.1 Experimental Setup -- 4.2
Comparative Tactics -- 5 Conclusion -- References -- NVF and CSF
Based Image Watermarking Using SVD and Contourlet Transform -- 1
Introduction -- 2 PDFB Based Contourlet Transform -- 3 Noise
Visibility Function and Contrast Sensitivity Function -- 4
Watermarking Methodology -- 5 Results and Discussion -- 6
Conclusion -- References -- Nanomaterials for Biosensing
Applications -- 1 Introduction -- 2 Working Principle -- 3 Basic
Characteristics -- 4 Materials for Biosensors -- 5 Conclusion

Sommario/riassunto

This book features high-quality, peer-reviewed research papers presented at the International Conference on Data Electronics and Computing (ICDEC 2023) organized by Department of Computer Science & Engineering, Mizoram University (A Central University) Aizawl, India & Department of Computer Science & Engineering, National Institute of Technology Mizoram Aizawl, India during 15 – 16 December 2023. The book covers topics in communication, networking and security, image, video and signal processing; cloud computing, IoT and smart city, AI/ML, big data and data mining, VLSI design, antenna, and microwave and control.
