Record Nr. UNINA9910734867003321 Autore Mahmud Mufti **Titolo** Proceedings of Trends in Electronics and Health Informatics [[electronic resource]]: TEHI 2022 / / edited by Mufti Mahmud, Claudia Mendoza-Barrera, M. Shamim Kaiser, Anirban Bandyopadhyay, Kanad Ray, Eduardo Lugo Pubbl/distr/stampa Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2023 **ISBN** 981-9919-16-9 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (506 pages) Collana Lecture Notes in Networks and Systems, , 2367-3389 ; ; 675 Altri autori (Persone) Mendoza-BarreraClaudia KaiserM. Shamim BandyopadhyayAnirban RayKanad LugoEduardo Disciplina 610.285 Soggetti Power electronics Medical informatics Artificial intelligence Quantitative research **Power Electronics Health Informatics** Artificial Intelligence Data Analysis and Big Data Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Experimental Study of High-Frequency Drill String Vibrations Under Nota di contenuto Different Conditions -- Flexible Systolic Hardware Architecture for Computing a Custom Lightweight CNN in CT Images Processing for Automated COVID-19 Diagnosis -- Dimensionality Reduction in Handwritten Digit Recognition -- Obtaining Fractal Dimension for Gene Expression Time Series Using an Artificial Neural Network -- Grouping by Mixture of Normals for Breast Cancer in Two Groups, Benign and

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Sommario/riassunto

International Conference on Trends in Electronics and Health Informatics (TEHI 2022), held at University of Puebla, Puebla, México, during December 7–9, 2022. The book is broadly divided into five sections—artificial intelligence and soft computing, healthcare informatics, Internet of things and data analytics, electronics, and communications.