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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2079
Disciplina	610.28
Soggetti	Medical informatics Application software Computer engineering Computer networks Artificial intelligence Image processing - Digital techniques Computer vision Health Informatics Computer and Information Systems Applications Computer Engineering and Networks Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Towards Robust Homography Estimation for Forward-Motion Panorama for Multi-Camera Wireless Capsule Endoscopy Videos -- Estimation of Fluid Intake Volume from Surface Electromyography Signals: A Comparative Study between Subject-Specific and Global Regression Techniques -- Epileptic Seizure Detection and Prediction for Patient Support -- Topic Modelling and Interpretable Cost Estimation for Medical Insurance Fraud Detection -- Improving Patient Trajectory

Forecasts in Hospitals: Using Emergency Department Data for Length of Stay Prediction and Next Hospital Unit Classification -- Suroy-Suroy: An Immersive Virtual Reality Therapy Game for Persons Living with Dementia in the Philippines -- The Impact of Feature Selection on Balancing, Based on Diabetes Data.

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Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 16th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2023, held in Lisbon, Portugal, during February 16-18, 2023. The 7 regular papers included in this book were carefully reviewed and selected from 246 submissions. They contribute to the understanding of relevant trends of current research on Biomedical Engineering Systems and Technologies, that include Pattern Recognition and Machine Learning, Decision Support Systems, Data Mining and Data Analysis, eHealth Applications, eHealth, Detection and Identification, Computational Intelligence, Cognitive Informatics, Big Data in Healthcare and Assistive Technologies.

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