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Titolo	Knowledge-Based Systems in Biomedicine and Computational Life Science [[electronic resource] /] / edited by Tuan D. Pham, Lakhmi C. Jain
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ISBN	3-642-33015-0
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Descrizione fisica	1 online resource (XII, 216 p.)
Collana	Studies in Computational Intelligence, , 1860-949X ; ; 450
Disciplina	610.285/63
Soggetti	Computational intelligence Artificial intelligence Systems biology Computational Intelligence Artificial Intelligence Systems Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Physiological Sensor Signals Analysis to Represent Cases in a Case-based Diagnostic System -- Breast Cancer Histological Image Classification with Multiple Features and Random Subspace Classifier Ensemble -- Image Processing and Reconstruction of Cultured Neuron Skeletons -- Protein Structure Prediction: Are we there yet? -- Text Mining for Neuroscience: A Co-Morbidity Case Study -- Robust algorithmic detection of cardiac pathologies from short periods of RR data -- Studies on Five Senses Treatment -- Fuzzy Knowledge-based Subspace Clustering for Life Science Data Analysis.
Sommario/riassunto	This book presents a sample of research on knowledge-based systems in biomedicine and computational life science. The contributions include: · personalized stress diagnosis system · image analysis system for breast cancer diagnosis · analysis of neuronal cell images · structure prediction of protein · relationship between two mental disorders · detection of cardiac abnormalities · holistic medicine based treatment · analysis of life-science

data .
