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Disciplina	658.4038
Soggetti	Quantitative research Artificial intelligence Engineering mathematics Engineering—Data processing Psychobiology Human behavior Social sciences—Data processing Data Analysis and Big Data Artificial Intelligence Mathematical and Computational Engineering Applications Behavioral Neuroscience Computer Application in Social and Behavioral Sciences
Lingua di pubblicazione	Inglese
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Nota di contenuto	1 Benchmarking Swarm Rebalancing Algorithm for Relieving Imbalanced Machine Learning Problems -- 2 Performance Evaluation of Shadow Features as a Data Preprocessing Method in Data Mining for Human Activities Recognitions -- 3 Fast Plagiarism Detection Using Approximate String Matching and Vector Representation of Words -- 4 A Psychologically-realistic Personality Model for Virtual Agents -- 5 Investigating Path to Purchase for Online Impulse Buying: A Decision Net Approach -- 6 eHealth Consumer Behavior -- 7 Guiding usability newcomers to understand the Context of Use: towards models of Collaborative Heuristic Evaluation -- 8 Forecasting China Future MNP

by Deep Learning -- 9 Gender differences in affective response toward pictorials: Affective warning pictorials on cigarette label -- 10 A Web-based System with Spatial Clustering to Observe the Changes of Emergency Distribution using Social Big Data. .

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## Sommario/riassunto

Many industrial applications built today are increasingly using emerging behavior engineering technologies: this book looks at various research and practical issues for researchers and students working in computer science and engineering, and for industry technology providers interested in behavior engineering and applications. Behavior Engineering and Applications encompasses intelligent and efficient computational solutions, including models, architectures, algorithms and specific applications, focused on processing, discovering, understanding and analyzing the behavior captured by the above data. Focusing on applying any engineering paradigm to systematically process, discover, understand and analyze these data, this book also addresses problems in a variety of areas and applications that related to behavior engineering. This book includes chapters derived from selected papers from The 2016 International Conference on Behavior Engineering (ICBE), as well as separate contributions the editors selected cutting-edge research related to behavior engineering.

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