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Studies in Computational Intelligence

Engineering : Computational Intelligence

Hassanien, Aboul Ella (Ed.)

Machine Learning Paradigms: Theory and Application

- Presents machine learning paradigms
- Focuses on recent theory and applications
- Written by experts in the field

The book focuses on machine learning. Divided into three parts, the first part discusses the feature selection problem. The second part then describes the application of machine learning in the classification problem, while the third part presents an overview of real-world applications of swarm-based optimization algorithms. The concept of machine learning (ML) is not new in the field of computing. However, due to the ever-changing nature of requirements in today's world it has emerged in the form of completely new avatars. Now everyone is talking about ML-based solution strategies for a given problem set. The book includes research articles and expository papers on the theory and algorithms of machine learning and bio-inspired optimization, as well as papers on numerical experiments and real-world applications.

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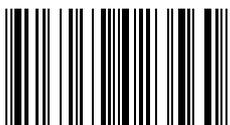
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