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Altri autori (Persone)	BogleI. D. L (Ian David Lockhart) ZilinskasJ <1973-> (Julius)
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Nota di contenuto	Contents ; Preface ; Hybrid Methods for Optimisation ; 1. Introduction ; 2. Hybrid Methods for Optimisation ; 3. Embedded Hybrid Methods ; 4. Sequential Hybrid Methods ; 5. Illustrative Case Study ; 6. Discussion ; References ; An MILP Model for Multi-class Data Classification ; 1. Introduction 2. Problem Statement and Mathematical Formulation 3. Testing Procedure ; 4. An Iterative Solution Algorithm ; 5. Computational Results ; 6. Conclusions ; References ; Implementation of Parallel Optimization Algorithms Using Generalized Branch and

Bound Template
 ; 1. Introduction
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 Technical Design ; 1.
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 3. Stochastic Procedure for Optimisation
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 ; 1. Introduction
 2. The General Quadratic Case

Sommario/riassunto

This book covers different topics on optimal design and operations with particular emphasis on chemical engineering applications. A wide range of optimization methods - deterministic, stochastic, global and hybrid - are considered. Containing papers presented at the bilateral workshop by British and Lithuanian scientists, the book brings together researchers' contributions from different fields - chemical engineering including reaction and separation processes, food and biological production, as well as business cycle optimization, bankruptcy, protein analysis and bioinformatics. <i>Sample