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| 1. Record Nr.           | UNINA9910298962003321  |
| Titolo                  | Operations Research and Enterprise Systems : 4th International Conference, ICORES 2015, Lisbon, Portugal, January 10-12, 2015, Revised Selected Papers // edited by Dominique De Werra, Greg H. Parlier, Begoña Vitoriano  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015  |
| ISBN                    | 3-319-27680-8  |
| Edizione                | [1st ed. 2015.]  |
| Descrizione fisica      | 1 online resource (XII, 249 p. 64 illus. in color.)  |
| Collana                 | Communications in Computer and Information Science, , 1865-0929 ; ; 577  |
| Disciplina              | 658.4034   |
| Soggetti                | Computer science—Mathematics<br>Application software<br>Production management<br>Operations research<br>Management science<br>Information technology<br>Business—Data processing<br>Mathematics of Computing<br>Information Systems Applications (incl. Internet)<br>Computer Applications<br>Operations Management<br>Operations Research, Management Science<br>IT in Business                                   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph  |
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-- 3.2 Linear Approximations -- 4 Numerical Experiments -- 4.1 Instance -- 4.2 Results -- 5 Stochastic Approach with a Wrong Assumption vs Distributionally Robust Approach -- 5.1 Stochastic Program with Normal Distribution -- 5.2 Comparison on Instances -- 6 Conclusion -- References -- A Comparison of a Global Approach and a Decomposition Method for Frequency Assignment in Multibeam Satellite Systems -- 1 Introduction -- 2 The Problem Constraints -- 2.1 Frequency Related Constraints -- 2.2 Amplification of the Signals Constraints -- 3 Models -- 3.1 Global Constraint Programming Model -- 3.2 Multiprocessor Scheduling Part -- 3.3 Path Covering Part -- 4 Experimental Results -- 5 Conclusion -- References -- Selection-Based Approach to Cooperative Interval Games -- 1 Introduction -- 2 Preliminaries -- 2.1 Classical Cooperative Game Theory -- 2.2 Interval Analysis -- 2.3 Cooperative Interval Games -- 3 Selection-Based Classes of Interval Games -- 4 Core Coincidence -- 5 Strong Imputation and Core -- 6 Concluding Remarks -- References -- Re-aggregation Heuristic for Large P-median Problems -- 1 Introduction -- 2 Materials and Methods -- 2.1 The P-median Problem -- 2.2 Data Model -- 2.3 Aggregation Errors -- 2.4 The Row-Column Aggregation Method -- 2.5 The Re-aggregation Heuristic -- 2.6 Evaluation of Performance -- 3 Numerical Results -- 3.1 Benchmarks Partizanske and Kosice -- 3.2 Benchmarks Zilina and Slovakia -- 4 Conclusions -- References.

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## Sommario/riassunto

This book constitutes revised selected papers from the 4th International Conference on Operations Research and Enterprise Systems, ICORES 2015, held in Lisbon, Portugal, in January 2015. The 14 papers presented in this volume were carefully reviewed and selection from a total of 89 submissions. They were organized in topical sections named: methodologies and technologies; and applications. .

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