

1. Record Nr.	UNINA9910780802803321
Titolo	Modeling, computation and optimization [[electronic resource] /] / editors, S.K. Neogy, A.K. Das, R.B. Bapat
Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : World Scientific, c2009
ISBN	1-282-44267-8 9786612442674 981-4273-51-1
Descrizione fisica	1 online resource (348 p.)
Collana	Statistical science and interdisciplinary research ; ; v. 6
Altri autori (Persone)	NeogyS. K DasA. K (Arup Kumar) BapatR. B
Disciplina	511/.8
Soggetti	Mathematical models Numerical analysis Mathematical optimization Decision making - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Platinum jubilee series."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Foreword; Preface; Acknowledgments; Contents; 1. Modeling a Jamming Game for Wireless Networks Andrey Garnaev; 2. Existence of Nash Networks in the One-way Flow Model of Network Formation J. Derks, J. Kuipers, M. Tennekes and F. Thuijsman; 3. Strategic Advertisement with Externalities: A New Dynamic Approach Reinoud Joosten; 4. Connections between Some Concepts in Reliability and Economics Subhash Kochar and Maochao Xu; 5. A New Axiomatization of the Shapley Value for TUgames in terms of Semi-null Players Applied to 1-concave Games Theo S.H. Driessen 6. Coextrema Additive Operators Atsushi Kajii, Hiroyuki Kojima and Takashi Ui7. Models without Main Players T. S. Arthanari; 8. Dynamic Optimal Advertising Expenditure Strategies for Two Successive Generations of High Technology Products Udayan Chanda and A. K. Bardhan; 9. Nonconvex Vector Minimization with Set Inclusion Constraint Anjana Gupta, Aparna Mehra and Davinder Bhatia; 10. Approximate Optimality in Semi Infinite Programming Deepali Gupta

and Aparna Mehra

11. A Relaxation Based Solution Approach for the Inventory Control and Vehicle Routing Problem in Vendor Managed Systems Oguz Solyali and Haldun Sural
12. The Distribution of Deficit at Ruin on a Renewal Risk Model K. K. Thampi and M. J. Jacob;
13. Fair Allocations to Discourage Free Riding Behavior Kim Hang Pham Do and Henk Folmer;
14. A Stackelberg Differential Game with Overlapping Generations for the Management of a Renewable Resource Luca Grilli;
15. Benders' Partitioning Approach for Solving the Optimal Communication Spanning Tree Problem Yogesh K. Agarwal and Prabha Sharma
16. Sperner's Lemma with Multiple Labels R. B. Bapat
17. Incremental Twin Support Vector Machines Reshma Khemchandani, Jayadeva and Suresh Chandra;
18. Portfolio Risk Management Using Support Vector Machine Sanjeet Singh;
19. Weak Convergence of an Iterative Scheme with a Weaker Coefficient Condition Yasunori Kimura;
20. Complementarity Modeling and Game Theory: A Survey S. K. Neogy and A. K. Das

Sommario/riassunto

This volume provides recent developments and a state-of-the-art review in various areas of mathematical modeling, computation and optimization. It contains theory, computation as well as the applications of several mathematical models to problems in statistics, games, optimization and economics for decision making. It focuses on exciting areas like models for wireless networks, models of Nash networks, dynamic models of advertising, application of reliability models in economics, support vector machines, optimization, complementarity modeling and games.
