1.	Record Nr.	UNINA9910299994503321
	Titolo	Modeling, Dynamics, Optimization and Bioeconomics I : Contributions from ICMOD 2010 and the 5th Bioeconomy Conference 2012 / / edited by Alberto Adrego Pinto, David Zilberman
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
	ISBN	3-319-04849-X
	Edizione	[1st ed. 2014.]
	Descrizione fisica	1 online resource (749 p.)
	Collana	Springer Proceedings in Mathematics & Statistics, , 2194-1017 ; ; 73
	Disciplina	511.8
	Soggetti	Game theory Econometrics Environmental sciences - Mathematics Biogeography Mathematics Mathematical models Game Theory Quantitative Economics Mathematical Applications in Environmental Science Biogeosciences Applications of Mathematics Mathematical Modeling and Industrial Mathematics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references at the end of each chapters.
	Nota di contenuto	1 Optimal localization of firms in Hotelling networks: A.A. Pinto et al -- 2 Dynamic Management of Fossil Fuel, Biofuel and Solar Energy: S. Kaplan et al -- 3 On the Dynamics and Effects of Corruption on Environmental Protection: E. Accinelli et al -- 4 A Bayesian Pricing Model for Cat Bonds: F. Ahrens et al -- 5 Properties and Comparative-Static Effects in Models of Decision under Uncertainty: Applications to the Theory of the Firm: A.A. Álvarez-López et al -- 6 On Sensitive Dependence on Initial Conditions and Existence of Physical Measure for 3-Flows: V. Araújo -- 7 Thermodynamic Formalism for the General

One-Dimensional Model: Positive and Zero Temperature: A. T. Baraviera et al -- 8 Impact of Political Economy and Logistical Constraints on Assessments of Biomass Energy Potential: New Jersey as a Case Study: M. Brennan-Tonetta et al -- 9 Modelling Decentralized Interaction in a Monopolistic Competitive Market: J. Gabriel Brida et al -- 10 Measuring the Effectiveness of an E-Commerce Site Through Web and Sales Activity: A. Ribeiro Carneiro et al -- 11 Worldwide Survey of Biodegradable Feedstocks, Waste-to-Energy Technologies and Adoption of Technologies: M. Centore et al -- 12 Ergodic Transport Theory, Periodic Maximizing Probabilities and the Twist Condition: G. Contreras et al -- 13 Measuring the Welfare Impact of Biofuel Policies: a Review of Methods and Findings from Numerical Models: Ch.L. Crago -- 14 Advanced Mathematical and Statistical Tools in the Dynamic Modeling and Simulation of Gene-Environment Regulatory Networks: Özlem Defterli et al -- 15 BHP Universality in Energy Sources: H. Ferreira et al -- 16 Dynamical Phase Transition in Slowed Exclusion Processes: T. Franco et al -- 17 Cooperative Ellipsoidal Games: a Survey: S.Z. Alparslan Gök et al -- 18 Zeta Functions and Continuous Time Dynamics: P. Giulietti -- 19 Diffusion Dynamics in Economics: an Application to the Effects of Fiscal Policy: Orlando Gomes -- 20 Occupation Times of Exclusion Processes: P.Goncalves -- 21 Error Estimates for a Coupled Continuous-Discontinuous FEM for the Two-Layer Shallow Water Equations: P.S. Goncalves et al -- 22 Bankruptcy Triggering Asset Value – Continuous Time Finance Approach: K. Janda et al -- 23 Economic Impact Analysis of Potential Trade Restrictions on Biotech Maize in Latin American Countries: N. Kalaitzandonakes et al -- 24 Estimating the Extent of Spatial Externalities from VC Funding on Bioinnovation: Ch. Kolympiris et al -- 25 Inverse Problems in Complex Multi-Modal Regulatory Networks Based on Uncertain Clustered Data: E. Kropat et al -- 26 Financial Bubbles: E. Kürüm et al -- 27 Modern Applied Mathematics for Alternative Modeling of the Atmospheric Effects on Satellite Images: S. Kuter et al -- 28 Modeling Ethanol Investment Decisions: C.-Y. Cynthia Lin -- 29 Ethanol and Distiller's Grain: Implications of the Multiproduct Firm on United States Bioenergy Policy: C.B. Moss et al -- 30 A Review on Protein-Protein Interaction Network Databases: C. Sekhar Pedamallu et al -- 31 On the Use of Cross Impact Analysis For Enhancing Performance In Primary School Education: C. Sekhar Pedamallu et al -- 32 The Bio economics of Migration: A Selective Review Towards a Modelling Perspective: E. V. Petracou et al -- 33 A Cost Sharing Mechanism for Job Scheduling Problems: J. Sánchez-Pérez -- 34 Welfare Assessment of the Renewable Fuel Standard: Economic Efficiency, Rebound Effect and Policy Interactions in a General Equilibrium Framework: F. Taheripour et al -- 35 New Uncertainties in Land Use Changes Caused by The Production of Biofuels: W. Thompson et al -- 36 Inequalities on the Parameters of a Strongly Regular Graph: L. Almeida Vieira et al -- 37 Financial, Real and Quasi Options: Similarities and Differences: J. Wesseler -- 38 A Review and New Contribution on Conic Multivariate Adaptive Regression Splines (CMARS): A Powerful Tool for Predictive Data Mining: F. Yerlikaya-Özkurt et al -- 39 Survey and Evaluation on Modeling of Next-DayElectricity Prices: M. Hanm Yldrm et al -- 40 Calculus and "Digitalization" in Finance: Change of Time Method and Stochastic Taylor Expansion with Computation of Expectation: F. Ylmaz et al.

| Sommario/riassunto | This volume explores the emerging and current, cutting-edge theories and methods of modeling, optimization, dynamics and bioeconomy. It provides an overview of the main issues, results and open questions in these fields as well as covers applications to biology, economy, energy, industry, physics, psychology and finance. The majority of the |

contributed papers for this volume come from the participants of the International Conference on Modeling, Optimization and Dynamics (ICMOD 2010), a satellite conference of EURO XXIV Lisbon 2010, which took place at Faculty of Sciences of University of Porto, Portugal, and from the Berkeley Bioeconomy Conference 2012, at the University of California, Berkeley, USA.