

1. Record Nr.	UNISA996546833203316
Autore	Agarwal Nitin
Titolo	Modeling and Simulation of Social-Behavioral Phenomena in Creative Societies [[electronic resource]] : Second International Conference, MSBC 2022, Vilnius, Lithuania, September 21–23, 2022, Proceedings // edited by Nitin Agarwal, George B. Kleiner, Leonidas Sakalauskas
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-33728-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (226 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1717
Altri autori (Persone)	KleinerGeorge B SakalauskasLeonidas
Disciplina	005.3
Soggetti	Application software Social sciences—Data processing Information storage and retrieval systems Multiagent systems Computer and Information Systems Applications Computer Application in Social and Behavioral Sciences Information Storage and Retrieval Multiagent Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Simulation of Behavioral Processes: Studying Simulated Mobs Using Monte Carlo Method and the Theory of Collective Action -- Dynamic Approach to Modeling Hierarchical Conflict Situations in Small Groups -- A Cognitive Simulation Model of a Regional Higher Education System -- Behavioral Model of Interaction Between Economic Agents and the Institutional Environment -- Attitudes to Vaccination: How the Opinion Dynamics Affects the Influenza Epidemic Process -- Free-Rider Problem: Simulating of System Convergence to Stable Equilibrium State by Means of Finite Markov Chain Models -- Modeling of Sustainability: Econometric Modeling of Adaptation of the Russian Economy to Western Countries' Sanctions -- Improved Free Disposal Hull Methodology for China Provinces Effective Social-Economic

Development Modeling -- Dynamics of the Long-Term Orientation in Russian Society Over the Past 100 Years: Results of the Analysis of the Russian Subcorpus of Google Books Ngram -- Sustainable Development Issues of the Belt and Road Initiative in Educational Modeling Cases -- Carbon Dioxide Emissions Modelling Along the Route Using Various Transportation Modes -- Data Science and Modeling: Research on the Prediction of Highly Cited Papers Based on PCA-BPNN -- Logical Dimension in Modeling -- Quantification of Textual Responses to Open-Ended Questions in Big Data Projects -- Optimization of Works Management of the Investment Project.

Sommario/riassunto

This book constitutes the joint refereed proceedings of the Second International Conference on Modeling and Simulation of Social-Behavioral Phenomena in Creative Societies, MSBC 2022, held in Vilnius, Lithuania, in September 2022. The 14 full papers and 1 short paper presented were carefully reviewed and selected from 35 submissions. The papers are organized in the following topical sections: simulation of behavioral processes; modeling of sustainability; and data science and modeling.
