Record Nr. UNINA9910299984303321 Autore Sergienko Ivan V Titolo Optimization Models in a Transition Economy / / by Ivan V. Sergienko. Mikhail Mikhalevich, Ludmilla Koshlai New York, NY:,: Springer US:,: Imprint: Springer,, 2014 Pubbl/distr/stampa **ISBN** 1-4899-7544-6 Edizione [1st ed. 2014.] Descrizione fisica 1 online resource (341 p.) Collana Springer Optimization and Its Applications, , 1931-6828; ; 101 Disciplina 330.0151 Soggetti Mathematical optimization Optimization 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. Financial Stabilization Models -- 2. Modeling of Structural, Institutional, and Technological Changes -- 3. Modeling of Imperfect Competition on the Labor Market -- 4. Modeling of Foreign Economic Activity in a Transition Economy -- References. Sommario/riassunto This book opens new avenues in understanding mathematical models within the context of a transition economy. The exposition lavs out the methods for combining different mathematical structures and tools to effectively build the next model that will accurately reflect real world economic processes. Mathematical modeling of weather phenomena allows us to forecast certain essential weather parameters without any possibility of changing them. By contrast, modeling of transition economies gives us the freedom to not only predict changes in important indexes of all types of economies, but also to influence them more effectively in the desired direction. Simply put: any economy, including a transitional one, can be controlled. This book is useful to anyone who wants to increase profits within their business, or improve the quality of their family life and the economic area they live in. It is beneficial for undergraduate and graduate students specializing in the fields of Economic Informatics, Economic Cybernetics, Applied

Mathematics and Large Information Systems, as well as for professional

economists, and employees of state planning and statistical

organizations.