Record Nr. UNINA9910373902403321 Autore Orloff Michael A Titolo Modern TRIZ Modeling in Master Programs: Introduction to TRIZ Basics at University and Industry / / by Michael A. Orloff Cham:,: Springer International Publishing:,: Imprint: Springer., Pubbl/distr/stampa 2020 **ISBN** 3-030-37417-3 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (XX, 525 p. 1 illus.) 670 Disciplina Soggetti Industrial engineering Production engineering Management Industrial management Industrial and Production Engineering Innovation/Technology Management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Nota di contenuto Basic Models and Methods of MTRIZ -- Information Comprehension, Structuring and Formatting at MTRIZ Modeling -- Global Production Engineering -- Energy Engineering -- Water Engineering -- Urban Development -- Industrial Cases -- Modeling the green automotive innovations -- Managing Value Across Industries: Modern TRIZ's Modeling of Jerome Lemelson's Inventions -- Modeling the Great Inventions of Carl and Werner von Siemens with Modern TRIZ --Reinventing of Automobile Production Systems Evolution. The book is addressed to Master-students, senior students of Sommario/riassunto universities, professors working at Master Programs, as well as researchers, engineers and managers of all industries without restrictions. Examples and illustrations of the book give a vivid impression of the spectrum of creative models of Modern TRIZ, which can be opened in any design and managerial decisions. The book is especially useful for students for performing TRIZ modeling and for

inventing original ideas at Master Programs. The book is indispensable for passing Master Programs led by the author at the MTRIZ Academy.