Record Nr. UNINA9910824999303321 Autore Burkov V. N (Vladimir Nikolaevich), <1939, > Titolo Introduction to theory of control in organizations / / Vladimir N. Burkov, Mikhail Goubko, Nikolay Korgin, Dmitry Novikov Boca Raton, Florida:,: CRC Press:,: Taylor & Francis Group, [2015] Pubbl/distr/stampa ©2015 0-429-16245-6 **ISBN** 1-4987-1424-2 Edizione [1st ed.] Descrizione fisica 1 online resource (336 p.) Systems Evaluation, Prediction, and Decision-Making Series Collana Disciplina 658.001 Soggetti Management - Mathematical models Organization - Mathematical models Control theory - Mathematical models 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. Nota di contenuto Front Cover; Contents; Introduction; Chapter 1: Control and Mechanisms in Organizations; Chapter 2: Examples of Control Mechanisms; Chapter 3: Incentive Mechanisms; Chapter 4: Planning Mechanisms; Chapter 5: Informational Control Mechanisms; Chapter 6: Mechanisms of Organizational Structure Design; Conclusion; Topics for Self-Study; Literature; Back Cover Sommario/riassunto <P>This book explains how the methodology of systems analysis and mathematical methods of control theory (including game theory and graph theory) can be applied to the area of organizational management. The theory presented extends the traditional approach of management science by introducing the optimization and gametheoretical tools for systematic accounting of the special nature of a human being as a control object. The authors use formal methods to construct robust and efficient decision-making procedures. </P>