

1. Record Nr.	UNINA9910822816703321
Autore	Novikov D. A (Dmitry Aleksandrovich), <1970->
Titolo	Reflexion and control : mathematical models // Dmitry A. Novikov and Alexander G. Chkhartishvili, Trapeznikov Institute of Control Sciences, Russian, Academy of Sciences, Moscow, Russia
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , [2014] ©2014
ISBN	0-429-22739-6 1-315-77554-9
Descrizione fisica	1 online resource (298 p.)
Collana	Communications in Cybernetics, Systems Science and Engineering, , 2164-9693 ; ; Volume 5
Classificazione	MAT000000MAT011000TEC009000
Disciplina	515/.642
Soggetti	Game theory Control theory
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 and index.
Nota di contenuto	Front Cover; Table of contents; Editorial board; About the authors; Introduction; 1. Reflexion in decision-making; 2. Informational reflexion and control; 3. Strategic reflexion and control; 4. Applied models of informational and reflexive control; Conclusion; References
Sommario/riassunto	The book considers the basics of mathematical modeling of reflexive processes in control. The models of informational and strategic reflexion allow describing and studying the behavior of reflexing subjects, investigating the relationship between payoffs gained by agents and their reflexion ranks, solving problems of informational and reflexive control in organizational, economic, social and other systems, and military applications among others (the book contains over 30 examples of possible applications in these fields), describing uniformly many phenomena connected with reflexion, viz., implicit control, informational control via the mass media and reflexion in psychology--