



Analysis, Controllability and Optimization of Time-Discrete Systems and Dynamical Games

By Krabs, Werner / Pickl, S.

Book Condition: New. Publisher/Verlag: Springer, Berlin | This book is concerned with the analysis, optimization and controllability of time-discrete dynamical systems and games under the aspect of stability, controllability and (for games) cooperative and non-cooperative treatment. The investigation of stability is based on Lyapunov's method which is generalized to non-autonomous systems. Optimization and controllability of dynamical systems is treated, among others, with the aid of mapping theorems such as implicit function theorem and inverse mapping theorem. Dynamical games are treated as cooperative and non-cooperative games and are used in order to deal with the problem of carbon dioxide reduction under economic aspects. The theoretical results are demonstrated by various applications. | Uncontrolled Systems.- Controlled Systems.- Controllability and Optimization.- A.1 The Core of a Cooperative n-Person Game.- A.2 The Core of a Linear Production Game.- A.3 Weak Pareto Optima: Necessary and Sufficient Conditions.- A.4 Duality.- B Bibliographical Remarks.- References.- About the Authors. | Format: Paperback | Language/Sprache: english | 325 gr | 192 pp.



READ ONLINE
[6.93 MB]

Reviews

This ebook will not be simple to start on looking at but really enjoyable to read. It is one of the most awesome book we have study. Your life span is going to be transform when you complete looking over this pdf.

-- **Kayla Gutkowski**

Completely one of the better pdf I have got possibly go through. I really could comprehended every little thing using this composed e ebook. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Torey Kreiger**