



An Information Theoretic Approach to Nonlinear Systems

By Serkan Günel

LAP Lambert Acad. Publ. Sep 2010, 2010. Taschenbuch. Condition: Neu. Neuware - In this book, the nonlinear dynamical systems have been considered in the view of Fokker-Planck-Kolmogorov formalism which describes the evolution of the state densities of the dynamical systems. The state densities are direct measures of uncertainty about the states of the nonlinear dynamical systems. Their relation to the system theory and the second law of thermodynamics is investigated. The mathematical origin of the second law of the thermodynamics and information theoretical limits of the control theory have been summarised and new approach for the optimal control of the dynamics by means of the entropy reduction through the Fokker-Planck-Kolmogorov formalism has been discussed. 156 pp. Englisch.



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Reviews

Thorough information! Its this kind of very good read. It is written in basic words and not hard to understand. You won't feel monotony at anytime of your respective time (that's what catalogues are for regarding should you question me).

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This type of publication is every thing and taught me to searching ahead and more. It can be really fascinating through reading through period of time. You can expect to like how the blogger write this pdf.

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