Special Issue

Impulsive Control Systems and Complexity

Message from the Guest Editors

Many complex real word phenomena exist under the conditions of disorder, chaos, randomness, uncertainty, or in general, under the conditions of entropy. The design of efficient impulsive controllers for such chaotic systems is the main objective of numerous researchers. The impulsive control of complex phenomena arises naturally in a wide variety of applications. Indeed, impulsive control dynamical systems are used for the mathematical simulation of processes which are subject to impulses during their evolution. Such types of processes are observed in numerous fields of science and technology: Control theory, population dynamics, biotechnologies, industrial robotics, etc. In spite of the amount of published results recently focused on impulsive control complex systems, there remain many challenging open questions. The theory and applications of these systems are still very active areas of research. In this Special Issue, we provide an international forum for researchers to contribute with original research as well as review papers focusing on the latest achievements in the theory and applications of impulsive control complex dynamical systems.

Guest Editors

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

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