

Special Issue

Recent Advances in Complex Dynamical Systems via Intelligent Control Approach

Message from the Guest Editors

Increasing system performance requirements need to deal with the increasingly complicated dynamical systems used to simulate reality in control system analysis and design. Although there have been many interesting publications on complex dynamical systems in recent years, there remain many challenging open issues. One of the main goals of this Special Issue is to bring together the latest innovative knowledge, analysis, and modeling techniques of control problems in dynamical networks. We accept both original research and review articles, and papers must contain unique theory or design material. The Special Issue focuses on recent achievements and applications in the field of complex system control and analysis, with particular emphasis on how to solve various control and observer design problems for nonlinear and interconnected systems. Topics of interest of this Special Issue include but are not limited to interconnected/networked systems, variable structure control, singular system control, time delay systems, fuzzy control and impulsive control, robust observer design and parameter identification, and applications of advanced control systems.

Guest Editors

Prof. Dr. Nallappan Gunasekaran

Dr. R. Vadivel

Dr. Yongbao Wu

Dr. Bing Yan

Deadline for manuscript submissions

closed (15 January 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.3



mdpi.com/si/94016

Electronics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.3



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and Systems Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).