



Signal Processing and Analysis of Electrical Circuit

Guest Editors:

Prof. Dr. Adam Glowacz

Department of Automatic,
Control and Robotics, AGH
University of Science and
Technology, 30-059 Kraków,
Poland

Prof. Dr. Grzegorz Królczyk

Department of Manufacturing
Engineering and Production
Automation, Opole University of
Technology, 45-758 Opole,
Poland

**Prof. Dr. Jose Alfonso
Antonino-Daviu**

Department of Electrical
Engineering, Universitat de
València, 46022 Valencia, Spain

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Message from the Guest Editors

Dear Colleagues,

This Special Issue invites original research papers that report on the state-of-the-art and recent advancements in signal processing and analysis of electrical circuits. The analysis of electrical circuits is an essential task in the evaluation of these systems. Circuits are made up of interconnections of various elements such as resistors, inductors, transformers, capacitors, semiconductor diodes, transistors, and operational amplifiers. The electrical voltages, currents, and acoustic and vibrational signals that carry useful information are known as diagnostic signals. The extraction of information from a signal, the modification of a signal from one form to another, the separation of a signal from noise, spectrum analysers, image processors, etc., are also essential for telecommunications, instrumentation, control, and other applications. Prospective authors are invited to submit high-quality original contributions and reviews to this Special Issue.





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Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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.

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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