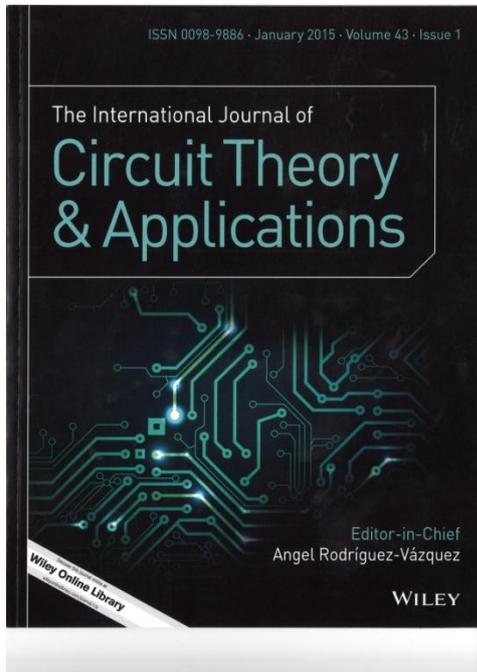


Editor-in-Chief of the International Journal of Circuit Theory and Applications

Professor at the Universidad de Sevilla and Researcher at the IMSE-CNM Ángel Rodríguez Vázquez has been appointed Editor-in-Chief of the International Journal of Circuit Theory and Applications.



Journal description

Today, the discipline of Circuit Theory has extended far beyond its traditional boundaries, while the application of circuit theoretic ideas has made notable contributions to many diverse fields of science and engineering. The International Journal of Circuit Theory and Applications is devoted to the publication of original work on both the theory and its applications. The essential feature of the material published is that the ideas or techniques of Circuit Theory should have played a prominent part in the solution or elucidation of the problem. The bringing together of papers describing advances in the theory and in the application of circuit theoretic concepts is intended to be of interest both in stimulating the wider use of such concepts and in posing new challenges for the circuit theorist.

The Editorial Board which presides over the Journal is drawn from many countries in order to maintain contact with the subject area on the widest possible basis. The Board also plays an essential part in the refereeing of papers to the highest international standards.

The scope of the Journal comprises all aspects of the theory and design of analog and digital circuits together with the application of the ideas and techniques of circuit theory in other fields of science and engineering. Examples of the areas covered include: Fundamental Circuit Theory together with its mathematical and computational aspects; Circuit modeling of devices; Synthesis and design of filters and active circuits; Neural networks; Nonlinear and chaotic circuits; Signal processing and VLSI; Distributed, switched and digital circuits; Power electronics; Solid state devices. Contributions to CAD and simulation are welcome.

Contributions may consist of Papers or Letters to the Editor. Papers (each limited to about 7500 words) may be of a research or tutorial nature and the requirements for publication may be briefly stated as originality and significance. Letters to the Editor (each limited to about 2500 words) must also be original but generally comprise a more restricted coverage of a topic, or present some preliminary results. A Letter to the Editor may also comment on published results; pose some new problem; draw attention to some application or otherwise be of technical interest. From time-to-time Special Issues of the Journal are published. These are devoted to some topic of current importance and are edited by invited Guest Editors. Such Special Issues are announced through a Call-for-Papers in the Journal and the Guest Editors are responsible for the selection of papers to be published.