Special Issue

Advances in Control of Power Electronic Converters

Message from the Guest Editors

The relevance of power converters in energy processing applications has seen growth in the last years with the proliferation of distributed generation, microgrids, and power quality compensation applications. In particular, DC–AC converters require the tracking of sinusoidal references to produce high-quality voltage in the case of stand-alone applications or high-quality current in the case of grid-connected inverters. The aim of this Special Issue is to provide a means of interaction between power electronics and control specialist communities which compile the state of the progress in the control of DC–AC converters from theory to real implementation. We expect contributions related but not limited to the development of perfomant techniques to control emerging topologies or improvement of existing control techniques to increase power quality and efficiency levels or integration of multiple algorithms facilitating multimode operation of a single conversion device.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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