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Methods in Dynamical Systems, Mathematics of Networks, and Optimization for Modelling in Engineering

Guest Editor:

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Deadline for manuscript submissions:
closed (31 March 2023)

Message from the Guest Editor

This Special Issue will accept high-quality papers describing original research results with the purpose of bringing together mathematicians with engineers, as well as other scientists.

The following non-exhaustive list of topics will be covered:

- Differential/difference equations
- Partial differential equations
- Dynamical systems
- Mathematics of networks
- Fractional calculus
- Modeling and stability analysis of power systems
- Discrete calculus
- Circuits theory
- Signal processing
- Materials science
- Energy systems

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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.

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