



Mathematical Analysis on Automated Electric Systems

Guest Editors:

Dr. Stepan Dmitriev

Department of Automated
Electric Systems, Ural Federal
University, 19 Mira street,
Yekaterinburg, 620002 Sverdlovsk
Oblast, Russia

**Prof. Dr. Alexander S.
Tavlintsev**

Department of Automated
Electric Systems, Ural Federal
University, 19 Mira street,
Yekaterinburg, 620002 Sverdlovsk
Oblast, Russia

Prof. Dr. Sergey I. Semenenko

Department of Automated
Electric Systems, Ural Federal
University, 19 Mira street,
Yekaterinburg, 620002 Sverdlovsk
Oblast, Russia

Message from the Guest Editors

This Special Issue is devoted to the consideration and discussion of problems in the field of mathematical tools development and implementation to suit the needs of electrical grid monitoring and control system automation. Such systems are developed for the purpose of optimizing the mode and improving the efficiency of electrical grids' operations. The design of a new generation of grids requires the improvement of control and monitoring systems and the automation of power production, transmission and distribution; in other words, the complete digitalization of power grids is required. The purpose of this Special Issue is a scientific and technical exchange in the field of mini and micro grid control and monitoring; in particular, PMU-based control, power consumption control, power equipment asset management, PMU-based power equipment monitoring and diagnostics, adaptive relay protection, and automation system design and implementation.

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Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
MDPI, Grosspeteranlage 5
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