Mathematical and Instrumental Methods in the Digital Economy

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Message from the Guest Editor

Considering the genesis of world civilization in stages, it can be argued that the beginning of the XXI century is a kind of boundary between the ending life cycle of the industrial era of the development of society and the beginning cycle of the post-industrial era. The key concept of a new stage in the development of civilization is a digital economy based on trends such as scientific and technological progress, globalization of investment and information flows, innovation, big data technology, data mining, development of network structures and communications.

The key characteristic of the economic structure in the digital economy is information and its processing technologies, including mathematical and instrumental methods, as a resource for any economic activity.

The purpose of this Special Issue is a collection of articles devoted to the development and implementation of advanced mathematical and instrumental methods in the digital economy, based on Big Data, Data Mining, and Internet of Things technologies.

Keywords:

- Digital economy
- Fuzzy model
- Big Data
- Data Mining
- Internet of things
- Collaborative economy
- Intelligent systems

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Message from the Editor-in-Chief

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