



Applied and Computational Mathematics for Digital Environments, 2nd Edition

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Message from the Guest Editor

Dear Colleagues,

This Special Issue covers optimizing real-world study and modeling using intelligent software and hardware based on math principles and modules. It presents practical implementations for software applications in "Industry 4.0" digital environments and considers scientific research and applied engineering tasks in the following areas:

- Building mathematical, structural, and information models of intelligent computer systems for monitoring and managing the parameters of digital environments;
- Software and mathematical technologies in the implementation of the intelligent monitoring and computer control of digital environments' parameters;
- Application of mathematical models, Internet of Things technologies, machine learning, and artificial intelligence for big data analysis of digital environments;
- Mathematical models and algorithms for identifying stable patterns between the parameters of digital environments and their complex and separate influence;
- Mathematical modeling, machine learning, and their implementation within the concept of "smart" digital environments.





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Message from the Editor-in-Chief

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