



*mathematics*



*Special Issue Reprint*

## **Applied and Computational Mathematics for Digital Environments, 2nd Edition**

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The present reprint contains a total of 10 articles accepted and published in the Special Issue “Applied and Computational Mathematics for Digital Environments, 2nd Edition”. The topics of interest include, among others, scientific research, applied tasks, and problems in the following areas: 1. Building mathematical, structural, and information models of intelligent computer systems for monitoring and managing the parameters of digital environments; 2. Software and mathematical technologies in the implementation of the intelligent monitoring and computer control of digital environments’ parameters; 3. The application of mathematical models, Internet of Things technologies, machine learning, and artificial intelligence for big data analysis of digital environments; 4. Mathematical models and algorithms for identifying stable patterns between the parameters of digital environments and their complex and separate influence; 5. Mathematical modeling, machine learning, and their implementation within the concept of “smart” digital environments. I hope that this reprint will be useful to those who are interested in different aspects of applied and computational mathematics for digital environments in solving actual practical problems in all spheres of human life and activity.



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