Mathematical Methods and Analysis for the Industrial Management and Business

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Message from the Guest Editors

The interaction of mathematics and industry, creation of mathematical and statistical models and development of numerical methods and/or algorithms for computers, to obtain solutions for real-world problems have become especially crucial for the Industry 4.0 concept and further business development.

The goal of this Special Issue is to explore challenges as well as innovative tendencies and develop mathematical methods/models for applying them into engineering and industry. A further objective is to emphasise the linkage among mathematics, technology and business through mathematical modelling, computational techniques, statistical reasoning, analysis of structure and logical thinking. Based on these fundamentals, the purpose is to develop an extended collective expertise in formulating and solving industrial management problems using math models, building knowledge of modelling and numerical techniques fundamental in industry, and to extend it by quantitative economics, analytics, as well as risk management tools.

Special Issue

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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