Modern Mathematical Models in Investment: Theory and Practice

Guest Editors:

Prof. Dr. Peter Brusov
Department of Mathematics, Financial University under the Government of Russian Federation, 125993 Moscow, Russia

Prof. Dr. Tatiana Filatova
Department of Financial and Investment Management, Financial University under the Government of Russian Federation, 125993 Moscow, Russia

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Message from the Guest Editors

The purpose of this Special Issue is to bring together developers and users of investment models to discuss problems in this area, relating to what extent existing and new investment models are applicable in real investment practice, how accurately and completely they take into account real investment conditions, and what the advantages and disadvantages of existing investment models are. Both basic models, which are built on the basis of first principles, and applied models using numerical, phenomenological, statistical, and other methods will be considered.

One of the key problems in assessing the effectiveness of investment projects (IP) is the assessment of the discount rate, which plays a crucial role in this assessment.

Some traditional problems, such as the impact on the efficiency of investment of debt financing, project duration, taxation, the value of equity and debt, net operating income, profitability of investments, cost of equity, and debt, will be studied.

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Special Issue

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

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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