Special Issue

Applications of Markovian modeling to Risk Management, Queuing Theory, Inventory Theory, Mathematical Finance and Population Dynamics

Message from the Guest Editor

This Special Issue focuses on applications of Markov processes to risk management, queuing theory, inventory theory, mathematical finance, and population dynamics (including epidemics). We invite both theoretical and applied contributions to the fields enumerated below, and exit problems are of special interest. A few examples (not exclusive) of topics of interest are:

- Optimal dividends for absorbed or reflected processes, including bankruptcy
- Reinsurance and reinsurance games
- Optimal stopping and American options
- Real options
- Stability and control of population models

Guest Editor

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Message from the Editor-in-Chief

Risks is published in Open Access format – research articles, reviews and other content are released on the internet immediately after acceptance. Specifically, *Risks* welcomes contributions that

- contribute with insight, outlook, understanding and overview, no matter how simple they are;
- show creativity in pedagogical tricks and techniques;
- help the transfer of theoretical research to public and private application;
- show responsibility for societal impact.

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