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Probability and Stochastic Processes with Applications to Communications, Systems and Networks, 2nd Edition

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Message from the Guest Editors

This Special Issue is devoted to probability, statistics, stochastic processes, and their different applications in systems and networks analysis. The Special Issue will include studies on the analysis and applications of different queuing models; general complex networks and their structures, e.g., topology and graph theory; mathematical methods and models in smart cities; exclusive statistical methods, such as statistical estimates in bio/ecology, medicine, neural networks; and studies that estimate parameters in complex technical systems, etc. General topics include but are not limited to the following:

- 1. General methods in complex networks and their structure analysis;
- 2. Mathematical methods and stochastic models in smart cities;
- 3. Statistical problems in ecological networks;
- 4. Parameter estimation in complex systems;
- 5. Analysis and applications of different queuing models:
- 6. Polling systems and Jackson networks in random environments;
- 7. Probabilistic and stochastic analysis in telecommunication systems;
- 8. Risk analysis in complex technical systems.



Specialsue







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Message from the Editor-in-Chief

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