

# INSTRUCTIONS TO AUTHORS

**Aims and Scope:** *Stochastic Models* is devoted to the theory and applications of probability as they arise in the modeling of phenomena in the natural sciences and technology. It presents contributions on the mathematical methodology from structural, analytical and algorithmic to experimental approaches. It offers an interdisciplinary presentation on the uses of probability theory and discusses practical applications of stochastic models to diverse areas such as biology, computer science/telecommunications modeling, inventories and dams, reliability, storage, queuing theory and operations research.

Address manuscripts to the Editor: Professor Peter Taylor. Email: [p.taylor@ms.unimelb.edu.au](mailto:p.taylor@ms.unimelb.edu.au). Mailing address: Department of Mathematics and Statistics, University of Melbourne, Victoria 3010, Australia.

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**References.** Prepare reference list in alphabetical order. Cite references in the text by author and number.

Examples:

*Journal:* [1] Cruz, J.A.R.; Dorea, C.C.Y. Simple conditions for the convergence of simulated annealing type algorithms. *J. Appl. Prob.* **1988**, *35*, 885-892

*Book:* [2] Meyn, S.P.; Tweedie, R.L. *Markov Chains and Stochastic Stability*; Springer-Verlag: Great Britain, 1994.

*Contribution to a Book:* [3] Goldie, C.M.; Kluppelberg, C. Subexponential distributions. In *A Practical Guide to Heavy Tails: Statistical Techniques and Applications*; Adler, R.J., Feldman, R.E., Taqqu, M.S., Eds.; Birkhauser: Boston, 1998; 435-459

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