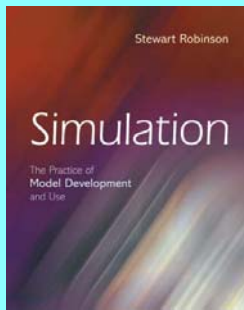


BOOK REVIEW

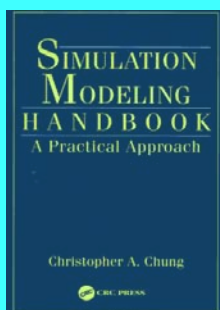


Author: Stewart Robinson
Title: Simulation: The Practice of Model Development and Use
Publisher: John Wiley & Sons, Ltd
ISBN 0-470-84772-7 © 2004
336 pages

Simulation: The Practice of Model Development and Use describes the steps involved in a simulation study, drawing together both the theoretical and the practical perspectives. Having introduced the concept of simulation, specific topics covered include:

- How a simulation works
- Selecting simulation software
- Designing an appropriate conceptual model
- Developing the computer based model
- Experimenting with the simulation
- Implementation
- Verifying and validating the simulation
- Simulation in practice

The book offers guidance through the key stages in a Discrete event simulation project in terms of both the technical requirements and the project management issues surrounding it. Readers will emerge able to develop appropriate valid conceptual models, perform simulation experiments, analyse the results and draw insightful conclusions. The book has many worked examples some of which are also available as downloadable models.



Author: Christopher A. Chung
Title: Simulation Modeling Handbook: A Practical Approach
Publisher: CRC Press
ISBN 0-8493-1241-8 © 2004
608 pages

This book is a practical, easy-to-follow reference that offers up-to-date information and step-by-step procedures for conducting simulation studies. It provides sample simulation project support material, including checklists, data-collection forms, and sample simulation project reports and publications to facilitate practitioners' efforts in conducting simulation modeling and analysis projects.

Simulation Modeling Handbook: A Practical Approach has two major advantages over other treatments. First, it is independent of any particular simulation software, allowing readers to use any commercial package or programming language. Second, it was written to insulate practitioners from unnecessary simulation theory that does not focus on their average, practical needs. As the popularity of simulation studies continues to grow, the planning and execution of these projects, more and more engineering and management professionals will be called upon to perform these tasks. With its simple, no-nonsense approach and focus on application rather than theory, this comprehensive and easy-to-understand guide is the ideal vehicle for acquiring the background and skills needed to undertake effective simulation projects.