



## Applied Simulation Modeling (Indian Edition)

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By Andrew F. Seila, Vlatko Ceric, Pandu Tadikamalla

Brooks Cole/Cengage Learning India, 2009. Softcover. Book Condition: New. First edition. APPLIED SIMULATION MODELING provides the student with both a conceptual introduction to the concepts of simulation modeling and practical experience with real examples using popular commercial simulation packages ARENA and @Risk. The coverage includes Risk Simulation, Dynamic Systems, and Discrete Event Simulation models. Throughout the text, the authors show readers how they can use simulation in the context of decision making. Practical examples from Operations Management, Manufacturing, Health Care, and Finance are included throughout to give students an appreciation for the wide scope of application and the robust nature of simulation modeling. Special student editions of ARENA and @Risk are packaged with the text. Contents: 1. Introduction. 2. Simulation Concepts And Spreadsheets. 3. Financial Models And Risk Analysis Using @Risk. 4. Dynamic System Models. 5. Discrete Event Simulation. 6. System Modeling Paradigms. 7. Arena And Visual Interactive Simulation. 8. Problem Solving Using Simulation. 9. Graphical Modeling. 10. Simulation Software. 11. Considerations In Large-Scale Simulation. Printed Pages: 496.



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