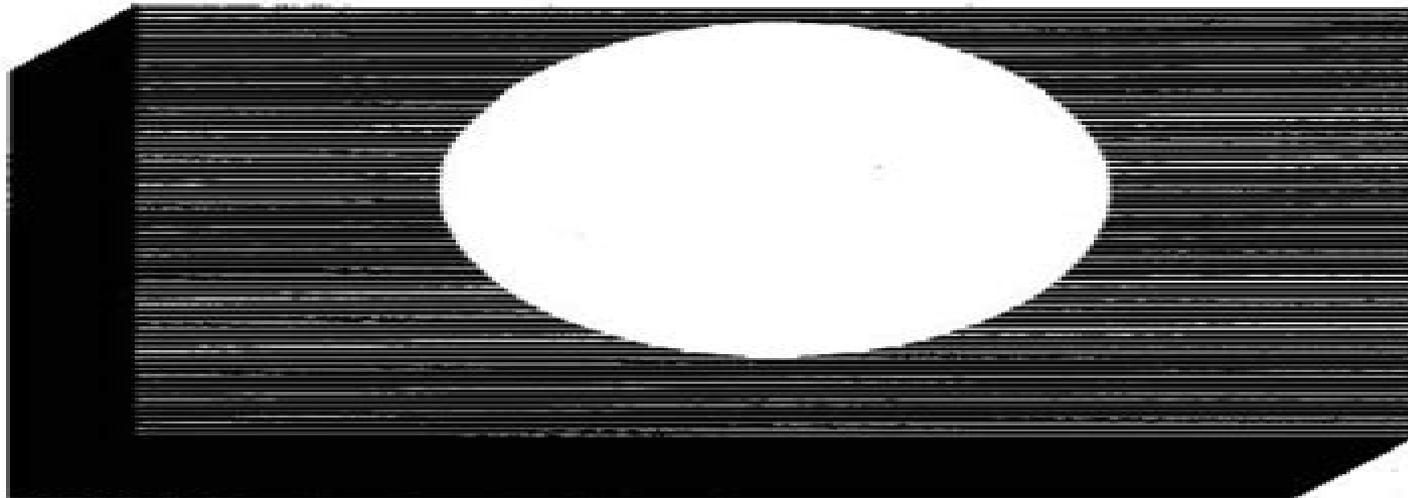


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**Enabling a Simulation Capability in the Organisation** Andrew Greasley, 2008-05-07 This book addresses the application of simulation modelling techniques in order to enable better informed decisions in business and industrial organisations The book s unique approach treats simulation not just as a technical tool but as a support for organisational decision making showing the results from a survey of current and potential users of simulation to suggest reasons why the technique is not used as much as it should be and what are the barriers to its further use

*Managing Operations in Manufacturing, Services and e-Business - 2nd Edition* Barin N. Nag, 2019

*Simio and Simulation* W. David Kelton, Jeffrey S. Smith, David T. Sturrock, Soemon Takakuwa, 2012-07-19 This second edition was written and translated by seasoned simulation professionals It clearly explains how to use simulation to make better business decisions in application domains from healthcare to heavy manufacturing and everything in between Modern software makes simulation more useful and accessible than ever and this book illustrates the concepts with Simio a leader in simulation software This book can serve as the primary text in introductory and second courses in simulation at both the undergraduate and beginning graduate levels The text or components of it could also support a simulation module of a few weeks within a larger survey course in programs without a stand alone simulation course e g MBA It is written in an accessible tutorial style writing approach centered on specific examples rather than general concepts and covers a variety of applications including an international flavor Our experience has shown that these characteristics make the text easier to read and absorb as well as appealing to students from many different cultural and applications backgrounds A first simulation course would probably cover Chapters 1 through 8 thoroughly and likely Chapters 9 and 10 particularly for upper class or graduate level students For a second simulation course it might work to skip or quickly review all of Part 1 Chapters 1 4 thoroughly cover all of Part 2 Chapters 5 10 and use Part 3 as reinforcing assignments The extensibility introduced in Chapter 10 could provide some interesting project work for a graduate student with some programming background as it could be easily linked to other research topics For a simulation module that s part of a larger survey course concentrating on Chapters 1 5 and 6 and then

perhaps lightly touch on Chapters 7 and 8 and some of Part 1 as time permits would be recommended Supplemental course material is also available on line

**Gaming and Simulations: Concepts, Methodologies, Tools and Applications** Management Association, Information Resources,2010-11-30 This book set unites fundamental research on the history current directions and implications of gaming at individual and organizational levels exploring all facets of game design and application and describing how this emerging discipline informs and is informed by society and culture Provided by publisher

Simulation with Visual SLAM and AweSim A. Alan B. Pritsker, Jean J. O'Reilly, David K. LaVal, 1997-02-25 Visual SLAM and AweSim are computer modeling and simulation programs This book shows how to use Visual SLAM and AweSim for problem resolution policy crafting and decision making It discusses general concepts on the use of simulation in industry and government and offers specific uses of statistical techniques

**EBOOK: Introducing Advanced Macroeconomics: Growth and Business Cycles** Peter Sørensen, Hans Whitta-Jacobsen, 2010-03-16 Introducing Advanced Macroeconomics Growth and Business Cycles 2nd edition provides students with a thorough understanding of fundamental models in macroeconomics and introduces them to methods of formal macroeconomic analysis Split into two sections the first half of the book focuses on macroeconomics for the long run introducing and developing basic models of growth and structural unemployment The second half of the book deals with the economy in the short run focusing on the explanation of business fluctuations This new edition retains the popular pitch and level established in the 1st edition and continues to bridge the gap between intermediate macroeconomics texts and more advanced textbooks

*Artificial Intelligence (AI)* S. Kanimozhi Suguna, M. Dhivya, Sara Paiva, 2021-05-27 This book aims to bring together leading academic scientists researchers and research scholars to exchange and share their experiences and research results on all aspects of Artificial Intelligence The book provides a premier interdisciplinary platform to present practical challenges and adopted solutions The book addresses the complete functional framework workflow in Artificial Intelligence technology It explores the basic and high level concepts and can serve as a manual for the industry for beginners and the more advanced It covers intelligent and automated systems and its implications to the real world and offers data acquisition and case studies related to data intensive technologies in AI based applications The book will be of interest to researchers professionals scientists professors students of computer science engineering electronics and communications as well as information technology

**Military, Government and Aerospace Simulation** Michael J. Chinni, 1997 Proceedings, 4th ACM International Workshop on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM) Michela Meo, Teresa A. Dahlberg, Lorenzo Donatiello, 2001

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