

Agent-Based and Individual-Based Modeling

A PRACTICAL INTRODUCTION
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positive progress Building on the first book in the Housing Innovation collection the purpose of this book is to share new research paradigms that focus on innovation and are in and of themselves innovative The first chapters focus on a newly created diffusion of innovation model and its application to the industry while later chapters showcase several innovative techniques that shed new light on housing residential construction and policy making As the second book in the Housing Innovation collection this book is designed to assist readers as they continue to peel back the complex layers of innovation in housing and residential construction

The Palgrave Handbook of American Mental Health Policy Howard H. Goldman, Richard G. Frank, Joseph P. Morrissey, 2019-05-07 This handbook is the definitive resource for understanding current mental health policy controversies options and implementation strategies It offers a thorough review of major issues in mental health policy to inform the policy making process presenting the pros and cons of controversial significant issues through close analyses of data Some of the topics covered are the effectiveness of various biomedical and psychosocial interventions the role of mental illness in violence and the effectiveness of coercive strategies The handbook presents cases for conditions in which specialized mental health services are needed and those in which it might be better to deliver mental health treatment in mainstream health and social services settings It also examines the balance between federal state and local authority and the financing models for delivery of efficient and effective mental health services It is aimed for an audience of policy makers researchers and informed citizens that can contribute to future policy deliberations

Advances in Practical Applications of Agents, Multi-Agent Systems, and Complexity: The PAAMS Collection Yves Demazeau, Bo An, Javier Bajo, Antonio Fernández-Caballero, 2018-06-19 This book constitutes the proceedings of the 16th International Conference on Practical Applications of Agents and Multi Agent Systems PAAMS 2018 held in Toledo Spain in June 2018 The 20 regular and 19 demo papers presented in this volume were carefully reviewed and selected from 57 submissions They deal with the application and validation of agent based models methods and technologies in a number of key applications areas such as energy and security engineering and tools evaluation and ethics negotiation and organisations personalization and learning simulation applications simulation platforms social networks and humans The book also contains two invited talks in full paper length

Physical Agents in Rehabilitation - E Book Michelle H. Cameron, 2021-12-29 NEW Shock Wave Therapy chapter covers the principles evidence base and practical guidance for using this newly available physical agent NEW Updated Lasers Light and Photobiomodulation chapter adds over 100 new references and more specific guidance for selecting parameters for clinical application NEW Enhanced eBook version included with print purchase allows access to the entire fully searchable text along with figures and references from the book on a variety of devices

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security countermeasures that are commensurate to the possible impact that could be sustained from defined threat models vulnerabilities weaknesses and attack patterns This book describes how to apply application threat modeling as an advanced preventive form of security The authors discuss the methodologies tools and case studies of successful application threat modeling techniques Chapter 1 provides an overview of threat modeling while Chapter 2 describes the objectives and benefits of threat modeling Chapter 3 focuses on existing threat modeling approaches and Chapter 4 discusses integrating threat modeling within the different types of Software Development Lifecycles SDLCs Threat modeling and risk management is the focus of Chapter 5 Chapter 6 and Chapter 7 examine Process for Attack Simulation and Threat Analysis PASTA Finally Chapter 8 shows how to use the PASTA risk centric threat modeling process to analyze the risks of specific threat agents targeting web applications This chapter focuses specifically on the web application assets that include customer's confidential data and business critical functionality that the web application provides Provides a detailed walkthrough of the PASTA methodology alongside software development activities normally conducted via a standard SDLC process Offers precise steps to take when combating threats to businesses Examines real life data breach incidents and lessons for risk management Risk Centric Threat Modeling Process for Attack Simulation and Threat Analysis is a resource for software developers architects technical risk managers and seasoned security professionals

Privacy Solutions and Security Frameworks in Information Protection Nemati, Hamid, 2012-09-30 While information technology continues to play a vital role in every aspect of our lives there is a greater need for the security and protection of this information Ensuring the trustworthiness and integrity is important in order for data to be used appropriately Privacy Solutions and Security Frameworks in Information Protection explores the areas of concern in guaranteeing the security and privacy of data and related technologies This reference source includes a range of topics in information security and privacy provided for a diverse readership ranging from academic and professional researchers to industry practitioners

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Commerce Business Daily, 1998-08 KES'2000: Fourth International Conference on Knowledge-Based Intelligent Information Engineering Systems & Allied Technologies R. J. Howlett, 2000

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