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 The Art of Systems Architecting
 Behavioral Modeling of Nonlinear RF and Microwave Devices
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 Introduction to Logic Circuits & Logic Design with VHDL
 Building Models for Marketing Decisions

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Computational Modeling of Multiphase Geomaterials IGI Global

Today's military missions have shifted away from fighting nation states using conventional weapons toward combating insurgents and terrorist networks in a battlespace in which the attitudes and behaviors of civilian noncombatants may be the primary effects of military actions. To support these new missions, the military services are increasingly interested in using models of the behavior of humans, as individuals and in groups of various kinds and sizes. Behavioral Modeling and Simulation reviews relevant individual, organizational, and societal (IOS) modeling research programs, evaluates the strengths and weaknesses of the programs and their methodologies, determines which have the greatest potential for military use, and provides guidance for the design of a research program to effectively foster the development of IOS models useful to the military. This book will be of interest to model developers, operational military users of the models and their managers, and government personnel making funding decisions regarding model development.

The Self-regulation of Health and Illness Behaviour SAGE Publications

Bringing together cognitive therapy clinicians, researchers, and theoreticians, this volume integrates the latest findings on the conceptualization and treatment of a range of psychological and psychiatric problems. From depression and anxiety, to eating disorders, hypochondriasis, obsessive-compulsive disorder, panic, personality disorders, sexual problems, social phobia, and substance abuse, authors discuss the needs of individual patients and structuring effective interventions.

Factors such as therapist competency, the therapeutic relationship and empathy are systematically examined. Chapters also consider the specific needs of populations such as children and adolescents and the mentally ill.

Dimensions of Human Behavior Laxmi Publications

This book collects important contributions in behavioral economics and related topics, mainly by Japanese researchers, to provide new perspectives for the future development of economics and behavioral economics. The volume focuses especially on economic studies that examine interactions of multiple agents and/or market phenomena by using behavioral economics models. Reflecting the diverse fields of the editors, the book captures broad influences of behavioral economics on various topics in economics. Those subjects include parental altruism, economic growth and development, the relative and permanent income hypotheses, wealth distribution, asset price bubbles, auctions, search, contracts, personnel management and market efficiency and anomalies in financial markets. The chapter authors have added newly written addenda to the original articles in which they address their own subsequent works, supplementary analyses, detailed information on the underlying data and/or recent literature surveys. This will help readers to further understand recent developments in behavioral economics and related research.

Models of Buyer Behavior, Chapter 3 Jones & Bartlett Publishers

Parallel Population and Parallel Human Proposes a new paradigm to investigate an individual's cognitive deliberation in dynamic human-machine interactions Today, intelligent machines enable people to interact remotely with friends, family, romantic partners, colleagues, competitors, organizations, and others. Virtual reality (VR), augmented reality (AR), artificial intelligence (AI), mobile social media, and other technologies have been driving these interactions to an unprecedented level. As the complexity in system control and management with human participants increases, engineers are facing challenges that arise from the uncertainty of operators or users. Parallel Population and Parallel Human: A Cyber-Physical Social Approach presents systemic solutions for modeling, analysis, computation, and management of individuals' cognition and decision-making in human-participated systems, such as the MetaVerse. With a virtual-real

behavioral approach that seeks to actively prescribe user behavior through cognitive and dynamic learning, the authors present a parallel population/human model for optimal prescriptive control and management of complex systems that leverages recent advances in artificial intelligence.

Throughout the book, the authors address basic theory and methodology for modeling, describe various implementation techniques, highlight potential acceleration technologies, discuss application cases from different fields, and more. In addition, the text: Considers how an individual's behavior is formed and how to prescribe their behavioral modes Describes agent-based computation for complex social systems based on a synthetic population from realistic individual groups Proposes a universal algorithm applicable to a wide range of social organization types Extends traditional cognitive modeling by utilizing a dynamic approach to investigate cognitive deliberation in highly time-variant tasks Presents a new method that can be used for both large-scale social systems and real-time human-machine interactions without extensive experiments for modeling Parallel Population and Parallel Human: A Cyber-Physical Social Approach is a must-read for researchers, engineers, scientists, professionals, and graduate students who work on systems engineering, human-machine interaction, cognitive computing, and artificial intelligence.

Modeling Social Behavior Springer

Verilog Hardware Description Language (HDL) is the state-of-the-art method for designing digital and computer systems. Ideally suited to describe both combinational and clocked sequential arithmetic circuits, Verilog facilitates a clear relationship between the language syntax and the physical hardware. It provides a very easy-to-learn and practical means to model a digital system at many levels of abstraction. Computer Arithmetic and Verilog HDL Fundamentals details the steps needed to master computer arithmetic for fixed-point, decimal, and floating-point number representations for all primary operations. Silvaco International's SILOS, the Verilog simulator used in these pages, is simple to understand, yet powerful enough for any application. It encourages users to quickly prototype and de-bug any logic function and enables single-stepping through the Verilog source code. It also presents drag-and-drop abilities. Introducing the three main modeling methods—dataflow, behavioral, and structural—this self-contained tutorial— Covers the number systems of different radices, such as octal, decimal, hexadecimal, and binary-coded variations Reviews logic design fundamentals, including Boolean algebra and minimization techniques for switching functions Presents basic methods for fixed-point addition, subtraction, multiplication, and division, including the use of decimals in all four operations Addresses floating-point addition and subtraction with several numerical examples and flowcharts that graphically illustrate steps required for true addition and subtraction for floating-point operands Demonstrates floating-point division, including the generation of a zero-biased exponent Designed for electrical and computer engineers and computer scientists, this book leaves nothing unfinished, carrying design examples through to completion. The goal is practical proficiency. To this end, each chapter includes problems of varying complexity to be designed by the reader.

Theoretical and Computational Models of Word Learning: Trends in Psychology and Artificial Intelligence CRC Press

A comprehensive introduction to mathematical and agent-based modeling of social behavior This book provides a unified, theory-driven introduction to key mathematical and agent-based models of social dynamics and cultural evolution, teaching readers how to build their own models, analyze them, and integrate them with empirical research programs. It covers a variety of modeling topics, each exemplified by one or more archetypal models, and helps readers to develop strong theoretical foundations for understanding social behavior. Modeling Social Behavior equips social, behavioral, and cognitive scientists with an essential tool kit for thinking about and studying complex social systems using mathematical and computational models. Combines both mathematical and agent-based modeling of social behavior Integrates cognitive science, social science, and cultural evolution

Covers topics such as the philosophy of modeling, collective movement, segregation, contagion, polarization, the evolution of cooperation, the emergence of norms, networks, and the scientific process. Discusses more advanced topics, including how to use models to build a more robust empirical research program. An ideal introductory textbook for graduate students or advanced undergraduates. An invaluable resource for practitioners.

[Behavioral Modeling and Simulation](#) SAGE Publications

Updated Edition of a Best Seller! *Dimensions of Human Behavior: Person and Environment* presents a current and comprehensive examination of human behavior using a multidimensional framework. Author Elizabeth D. Hutchison explores the biological dimension and the social factors that affect human development and behavior, encouraging readers to connect their own personal experiences with social trends in order to recognize the unity of person and environment. Aligned with the 2015 curriculum guidelines set forth by the Council on Social Work Education (CSWE), the substantially updated Sixth Edition includes a greater emphasis on culture and diversity, immigration, neuroscience, and the impact of technology. Twelve new case studies illustrate a balanced breadth and depth of coverage to help readers apply theory and general social work knowledge to unique practice situations. The companion volume, *Dimensions of Human Behavior: The Changing Life Course*, Sixth Edition, builds on the dimensions of person and environment with the dimension of time and demonstrates how they work together to produce patterns in life course journeys.

Parallel Population and Parallel Human Marketing Classics Press

If engineering is the art and science of technical problem solving, systems architecting happens when you don't yet know what the problem is. The third edition of a highly respected bestseller, *The Art of Systems Architecting* provides in-depth coverage of the least understood part of systems design: moving from a vague concept and limited resources

[Behavioral Modeling and Linearization of RF Power Amplifiers](#) Psychology Press

"This book provides innovative behavior models currently used for developing embedded systems, accentuating on graphical and visual notations"--Provided by publisher.

[Behavioral Interactions, Markets, and Economic Dynamics](#) John Wiley & Sons

Developed over decades of ongoing clinical research, acceptance-based behavioral therapy (ABBT) is a flexible framework with proven effectiveness for treating anxiety disorders and co-occurring problems. This authoritative guide provides a complete overview of ABBT along with practical guidelines for assessment, case formulation, and individualized intervention. Clinicians learn powerful ways to help clients reduce experiential avoidance; cultivate acceptance, self-compassion, and mindful awareness; and increase engagement in personally meaningful behaviors. Illustrated with vivid case material, the book includes 29 reproducible handouts and forms. Purchasers get access to a companion website where they can download printable copies of the reproducible materials and audio recordings of guided meditation practices. A separate website for clients includes the audio recordings only.

Verilog HDL Princeton University Press

This new book is the definitive primer for UML, and starts with the foundational concepts of object-orientation in order to provide the proper context for explaining UML.

[Social-Behavioral Modeling for Complex Systems](#) Springer Science & Business Media

A groundbreaking exploration of how to identify and fight security threats at every level! This revolutionary book combines real-world security scenarios with actual tools to predict and prevent incidents of terrorism, network hacking, individual criminal behavior, and more. Written by an expert with intelligence officer experience who invented the technology, it explores the keys to understanding the dark side of human nature, various types of security threats (current and potential), and how to construct a methodology to predict and combat malicious behavior. The companion CD demonstrates available detection and prediction systems and presents a walkthrough on how to conduct a predictive analysis that highlights proactive security measures. Guides you through the process of predicting malicious behavior, using real world examples and how malicious behavior may be prevented in the future. Illustrates ways to understand malicious intent, dissect behavior, and apply the available tools and methods for enhancing security. Covers the methodology for predicting malicious behavior, how to apply a predictive methodology, and tools for predicting the likelihood of domestic and global threats. CD includes a series of walkthroughs demonstrating how to obtain a predictive analysis and how to use various available tools, including Automated Behavior Analysis. Predicting Malicious Behavior fuses the behavioral and computer sciences to enlighten anyone concerned with security and to aid professionals in keeping our world safer.

Methods in Neuronal Modeling John Wiley & Sons

Human Behavior Theory for Social Work Practice provides an in-depth examination of human behavior theories and helps students apply each theory to social work practice. Authors Terry Koenig, Rick Spano, and John Thompson cover a broad spectrum of theories—including ecological, psychological, and sociopolitical—before applying them to a wide range of case examples that represent different stages across the human lifespan. Drawing from their extensive knowledge and experience in social work practice and teaching, the authors also feature scholarly research and writing to support the understanding of the theoretical overview in each chapter.

[Models of Buyer Behavior, Chapter 10](#) "O'Reilly Media, Inc."

This book explains the application of recent advances in computational intelligence – algorithms,

design methodologies, and synthesis techniques – to the design of integrated circuits and systems. It highlights new biasing and sizing approaches and optimization techniques and their application to the design of high-performance digital, VLSI, radio-frequency, and mixed-signal circuits and systems. This second of two related volumes addresses digital and network designs and applications, with 12 chapters grouped into parts on digital circuit design, network optimization, and applications. It will be of interest to practitioners and researchers in computer science and electronics engineering engaged with the design of electronic circuits.

Behavioral Modeling and Predistortion of Wideband Wireless Transmitters MIT Press

The International Handbook of Suicide Prevention, 2nd Edition, presents a series of readings that consider the individual and societal factors that lead to suicide, it addresses ways these factors may be mitigated, and presents the most up-to-date evidence for effective suicide prevention approaches. An updated reference that shows why effective suicide prevention can only be achieved by understanding the many reasons why people choose to end their lives. Gathers together contributions from more than 100 of the world's leading authorities on suicidal behavior—many of them new to this edition. Considers suicide from epidemiological, psychological, clinical, sociological, and neurobiological perspectives, providing a holistic understanding of the subject. Describes the most up-to-date, evidence-based research and practice from across the globe, and explores its implications across countries, cultures, and the lifespan.

Understanding and Treating Obsessive-Compulsive Disorder Marketing Classics Press

Emphasizing the detailed design of various Verilog projects, *Verilog HDL: Digital Design and Modeling* offers students a firm foundation on the subject matter. The textbook presents the complete Verilog language by describing different modeling constructs supported by Verilog and by providing numerous design examples and problems in each chapter. Examples include counters of different moduli, half adders, full adders, a carry lookahead adder, array multipliers, different types of Moore and Mealy machines, and much more. The text also contains information on synchronous and asynchronous sequential machines, including pulse-mode asynchronous sequential machines. In addition, it provides descriptions of the design module, the test bench module, the outputs obtained from the simulator, and the waveforms obtained from the simulator illustrating the complete functional operation of the design. Where applicable, a detailed review of the topic's theory is presented together with logic design principles, including state diagrams, Karnaugh maps, equations, and the logic diagram. *Verilog HDL: Digital Design and Modeling* is a comprehensive, self-contained, and inclusive textbook that carries all designs through to completion, preparing students to thoroughly understand this popular hardware description language.

[Human Behavior Theory for Social Work Practice](#) Guilford Press

Wireless voice and data communications have made great improvements, with connectivity now virtually ubiquitous. Users are demanding essentially perfect transmission and reception of voice and data. The infrastructure that supports this wide connectivity and nearly error-free delivery of information is complex, costly, and continually being improved. This resource describes the mathematical methods and practical implementations of linearization techniques for RF power amplifiers for mobile communications. This includes a review of RF power amplifier design for high efficiency operation. Readers are also provided with mathematical approaches to modeling nonlinear dynamical systems, which can be applied in the context of modeling the PA for identification in a pre-distortion system. This book also describes typical approaches to linearization and digital pre-distortion that are used in practice.

[Systems Analysis and Design](#) CRC Press

With advances in information technology and expertise in modeling, IRI introduced model-based services in the US that explain and predict essential parts of the marketplace. ACNielsen followed, and marketing researchers have been developing increasingly valid, useful and relevant models of marketplace behavior ever since. Models that provide information about the sensitivity of market behavior to marketing activities such as advertising, pricing, promotions and distribution are now routinely used by managers for the identification of changes in marketing programs that can improve brand performances. *Building Models for Marketing Decisions*, Second Edition describes updated marketing models that managers can use as an aid in decision making.

[Systems Analysis and Design with UML](#) Routledge

The process of learning words and languages may seem like an instinctual trait, inherent to nearly all humans from a young age. However, a vast range of complex research and information exists in detailing the complexities of the process of word learning. *Theoretical and Computational Models of Word Learning: Trends in Psychology and Artificial Intelligence* strives to combine cross-disciplinary research into one comprehensive volume to help readers gain a fuller understanding of the developmental processes and influences that makeup the progression of word learning. Blending together developmental psychology and artificial intelligence, this publication is intended for researchers, practitioners, and educators who are interested in language learning and its development as well as computational models formed from these specific areas of research.

Computer Arithmetic and Verilog HDL Fundamentals Princeton University Press

A definitive and wide-ranging overview of developments in behavioural finance over the past ten years. This second volume presents twenty recent papers by leading specialists that illustrate the abiding power of behavioural finance.

Best Sellers - Books :

- [Rich Dad Poor Dad: What The Rich Teach Their Kids About Money That The Poor And Middle Class Do Not!](#) By Robert T. Kiyosaki
- [Oh, The Places You'll Go!](#)
- [Heart Bones: A Novel](#)
- [House Of Flame And Shadow \(crescent City, 3\)](#)
- [To Kill A Mockingbird](#) By Harper Lee
- [Brown Bear, Brown Bear, What Do You See?](#) By Bill Martin Jr.
- [The Nightingale: A Novel](#) By Kristin Hannah
- [It Ends With Us: A Novel \(1\)](#) By Colleen Hoover
- [Hunting Adeline \(cat And Mouse Duet\)](#) By H. D. Carlton
- [Dog Man: Twenty Thousand Fleas Under The Sea: A Graphic Novel \(dog Man #11\): From The Creator Of Captain Underpants](#)