

Power Laws Of Business The Science Of Success

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Financial Econometrics - Svetlozar T. Rachev 2007-03-22

A comprehensive guide to financial econometrics Financial econometrics is a quest for models that describe financial time series such as prices, returns, interest rates, and exchange rates. In Financial Econometrics, readers will be introduced to this growing discipline and the concepts and theories associated with it, including background material on probability theory and statistics. The experienced author team uses real-world data where possible and brings in the results of published research provided by investment banking firms and journals. Financial Econometrics clearly explains the techniques presented and provides illustrative examples for the topics discussed. Svetlozar T. Rachev, PhD (Karlsruhe, Germany) is currently Chair-Professor at the University of Karlsruhe. Stefan Mittnik, PhD (Munich, Germany) is Professor of Financial Econometrics at the University of Munich. Frank J. Fabozzi, PhD, CFA, CFP (New Hope, PA) is an adjunct professor of Finance at Yale University's School of Management. Sergio M. Focardi (Paris, France) is a founding partner of the Paris-based consulting firm The Intertek Group. Teo Jasic, PhD, (Frankfurt, Germany) is a senior manager with a leading international management consultancy firm in Frankfurt.

Mehr, als man denkt - Michael J. Mauboussin 2009

The Reflective Entrepreneur - Dimo Dimov 2017-04-11

In a world where entrepreneurial success often seems deceptively accessible, it is not always clear what makes a person entrepreneurial. In this book, Dimo Dimov offers a reflective insight into the entrepreneurial journey, striking up a conversation about entrepreneurship in order to challenge and untangle existing preconceptions. A discussion of challenges and tensions such as idea versus opportunity, genius versus lunatic, and skill versus luck forms the foundation of the book, while the second part offers actions and considerations which can help the reader to seek opportunities in a fractious environment. The final part of the text focuses on the collective spirit in entrepreneurship, arising from the interplay between participation and outcomes. The author brings a succinct diversity to the field, making this book essential reading for undergraduate and postgraduate students on entrepreneurship courses, as well as scholars, researchers, and practitioners looking for a new perspective on entrepreneurship.

How Nature Works - Per Bak 2013-11-11

Self-organized criticality, the spontaneous development of systems to a critical state, is the first general theory of complex systems with a firm mathematical basis. This theory describes how many seemingly desperate aspects of the world, from stock market crashes to mass extinctions, avalanches to solar flares, all share a set of simple, easily described properties. "...a must read"...Bak writes with such ease and lucidity, and his ideas are so intriguing...essential reading for those interested in complex systems...it will reward a sufficiently skeptical reader." -NATURE "...presents the theory (self-organized criticality) in a form easily absorbed by the non-mathematically inclined reader." - BOSTON BOOK REVIEW "I picture Bak as a kind of scientific musketeer; flamboyant, touchy, full of swagger and ready to join every fray... His book is written with panache. The style is brisk, the content stimulating. I recommend it as a bracing experience." -NEW SCIENTIST

Five-power-law Creep in Single Phase Metals and Alloys - M. E. Kassner 2000

Beyond the 80/20 Principle - Richard Koch 2020-08-06

Millions of highly effective people around the world have read Richard Koch's global bestseller THE 80/20 PRINCIPLE and enjoyed a serious advantage in the pursuit of success. Now, BEYOND THE 80/20 PRINCIPLE (previously published as The 80/20 Principle and 92 Other Powerful Laws of Nature) takes you even further. Including the 80/20

Principle itself - the radical power law that helps you achieve more by doing less - BEYOND THE 80/20 PRINCIPLE reveals 92 more universal scientific principles and laws that will help you achieve personal success in an increasingly challenging business environment. From natural selection to genes and memes, BEYOND THE 80/20 PRINCIPLE demonstrates, in theory and in practice, what science can teach you about business and success. It includes: * Evolution by Natural Selection * Business Genes * Gause's Laws * Evolutionary Psychology * Newton's Laws * Relativity * Quantum Mechanics * Chaos * Complexity * The Tipping Point * Increasing Returns * Unintended Consequences 'Richard Koch delivers some sharp cross-disciplinary comparisons and knows his onions on both sides of the business/science fence... Koch's feet are firmly on the ground' THE SUNDAY TIMES - Business Book of the Week 'Cogently, entertainingly and often controversially, [Koch] draws parallels between the natural universe and the modern business world. Persevere with Koch's often elegant thought processes and you will look at your business quite differently' ENTERPRISE

Introduction to Computational Social Science - Claudio Cioffi-Revilla 2017-06-29

This textbook provides a comprehensive and reader-friendly introduction to the field of computational social science (CSS). Presenting a unified treatment, the text examines in detail the four key methodological approaches of automated social information extraction, social network analysis, social complexity theory, and social simulation modeling. This updated new edition has been enhanced with numerous review questions and exercises to test what has been learned, deepen understanding through problem-solving, and to practice writing code to implement ideas. Topics and features: contains more than a thousand questions and exercises, together with a list of acronyms and a glossary; examines the similarities and differences between computers and social systems; presents a focus on automated information extraction; discusses the measurement, scientific laws, and generative theories of social complexity in CSS; reviews the methodology of social simulations, covering both variable- and object-oriented models.

Encyclopedia of E-Business Development and Management in the Global Economy - Lee, In 2010-02-28

"This research book is a repository for academicians, researchers, and industry practitioners to share and exchange their research ideas, theories, and practical experiences, discuss challenges and opportunities, and present tools and techniques in all aspects of e-business development and management in the digital economy"-- Provided by publisher.

The Perfect Swarm - Len Fisher 2009-11-17

The process of "self-organization" reveals itself in the inanimate worlds of crystals and seashells, but, as Len Fisher shows, it is also evident in living organisms, from fish to ants to human beings. Understanding the "swarm intelligence" inherent in groups can help us do everything from throw a better party to start a fad to make our interactions with others more powerful. Humorous and enlightening, The Perfect Swarm demonstrates how complexity arises from nature's simple rules and how we can use their awesome power to untangle the frustrating complexities of life in our ever more chaotic world.

Change Management and the Human Factor - Frank E. P. Dievernich 2014-10-06

Change management and organizational development is unthinkable without people. Human beings form its core as both subjects and objects of change. This volume attempts to cut through to the core of change management, to the people that stand at its heart and focuses on their intrinsic role in change management and organizational development. Topics covered in this volume encompass the human element within organizational change, how this impacts roles, dynamics of team

interaction and affects the workplace in teaching and learning settings. It also addresses resistance to institutional and organizational change and the central role that agile management plays in this process.

Measuring Compliance - Melissa Rorie 2022-02-24

Measuring Corporate Compliance is a 'one-stop-shop' for individuals looking to assess the effectiveness of compliance programs and policies. *The Oxford Handbook of the Sociology of Finance* - Karin Knorr Cetina 2012-11-29

Recent years have seen a surge of interest in the workings of financial institutions and financial markets beyond the discipline of economics, which has been accelerated by the financial crisis of the early twenty-first century. The Oxford Handbook of the Sociology of Finance brings together twenty-nine chapters, written by scholars of international repute from Europe, North America, and Asia, to provide comprehensive coverage on a variety of topics related to the role of finance in a globalized world, and its historical development. Topics include global institutions of modern finance, types of actors involved in financial transactions and supporting technologies, mortgage markets, rating agencies, and the role of financial economics. Particular attention is given to financial crises, which are discussed in a special section, as well as to alternative forms of finance, including Islamic finance and the rise of China. The Handbook will be an indispensable tool for academics, researchers, and students of contemporary finance and economic sociology, and will serve as a reference point for the expanding international community of scholars researching these areas from a broadly-defined sociological perspective.

The Palgrave Handbook of Heterogeneity among Family Firms - Esra Memili 2018-09-05

This handbook is the definitive source of research on the differences among family firms. It provides a timely and thorough investigation of the variant strategies and behaviors undertaken by family firms today, taking a closer look at different configurations of family involvement and how they influence outcomes and success. While studies on differences between family and non-family firms are deeply rooted in the literature, this handbook uniquely examines the family firm heterogeneity research to date and the inner firm governance, financial and non-financial objectives, and strategies such as innovation, competitive dynamics, internationalization, and human resources management. The handbook pulls together the work of the most prominent names in family business from around the world, separating itself from the competition both in content and geographical scope. Future research directions provided in each chapter will spark further interdisciplinary scholarly work, and will be enlightening for researchers, educators, and practitioners who are currently limited to the narrow and exclusive literature and advance the burgeoning research on this important topic.

Weather, Macroweather, and the Climate - Shaun Lovejoy 2019-03-19

Weather, Macroweather, and the Climate is an insider's attempt to explain as simply as possible how to understand the atmospheric variability that occurs over an astonishing range of scales: from millimeters to the size of the planet, from milliseconds to billions of years. The variability is so large that standard ways of dealing with it are utterly inadequate: in 2015, it was found that classical approaches had underestimated the variability by the astronomical factor of a quadrillion (a million billion). Author Shaun Lovejoy asks - and answers - many fundamental questions such as: Is the atmosphere random or deterministic? What is turbulence? How big is a cloud (what is the appropriate notion of size itself)? What is its dimension? How can we conceptualize the structures within structures within structures spanning millimeters to thousands of kilometers and milliseconds to the age of the planet? What is weather? What is climate? Lovejoy shows in simple terms why the industrial epoch warming can't be natural - much simpler than trying to show that it's anthropogenic. We will discuss in simple terms how to make the best seasonal and annual forecasts - without giant numerical models. Above all, the book offers readers a new understanding of the atmosphere.

Using Time Series to Analyze Long-Range Fractal Patterns - Matthijs Koopmans 2020-09-23

Using Time Series to Analyze Long Range Fractal Patterns presents methods for describing and analyzing dependency and irregularity in long time series. Irregularity refers to cycles that are similar in appearance, but unlike seasonal patterns more familiar to social scientists, repeated over a time scale that is not fixed. Until now, the application of these methods has mainly involved analysis of dynamical systems outside of the social sciences, but this volume makes it possible

for social scientists to explore and document fractal patterns in dynamical social systems. Author Matthijs Koopmans concentrates on two general approaches to irregularity in long time series: autoregressive fractionally integrated moving average models, and power spectral density analysis. He demonstrates the methods through two kinds of examples: simulations that illustrate the patterns that might be encountered and serve as a benchmark for interpreting patterns in real data; and secondly social science examples such a long range data on monthly unemployment figures, daily school attendance rates; daily numbers of births to teens, and weekly survey data on political orientation. Data and R-scripts to replicate the analyses are available on an accompanying website at <https://study.sagepub.com/researchmethods/qass/koopmans-using-time-series>.

Real-World Decision Making: An Encyclopedia of Behavioral Economics - Morris Altman 2015-06-23

The first and only encyclopedia to focus on the economic and financial behaviors of consumers, investors, and organizations, including an exploration of how people make good—and bad—economic decisions. • Contains an informative introductory essay that familiarizes students with the various aspects of behavioral economics • Provides a list of additional readings for those interested in learning more about the topic • Includes cross-references in each entry to help readers make connections between related topics • Defines key terms that are likely to be unfamiliar to those without advance knowledge of the subject • Helps readers identify and study particular entry categories through accompanying Topic Finders
Albany Law Journal - 1889

Coordination and Cooperation in Complex Adaptive Systems: Theory and Application - Xiaojie Chen 2019-07-31

During the past decade, plenty of studies have been carried out in the literature to address the coordination and cooperation problems in complex adaptive systems, and have continued to grow. This Research Topic eBook publishes 14 papers by 39 authors, and most of these published papers present current research illustrating the depth and breadth of ongoing work on the coordination and cooperation problems in complex adaptive systems. It thus provides a timely discussion for researchers on the hotspots and challenges of the study on coordination and cooperation in theoretical models and applied systems.

Informing Science Volume One: Concepts and Systems - T. Grandon Gill

The two volume Informing Science series is the first attempt to survey and synthesize research in the informing science transdiscipline. Part textbook, part collection of readings, the two volumes present both important research findings relating to the field and highlight fertile directions for future research. Volume One: Concepts and Systems focuses on the key building blocks of informing science. It begins with an overview of the transdiscipline, tracing its evolution from Cohen's original proposal to its present state. Next, it considers a series of concepts that frequently elude attempts at rigorous definition. Among these: theory, research, information, knowledge and complexity. With working definitions established, it goes on to explore basic systems theory, introducing the concept of an informing system. The key elements of such systems—the channel, the sender/informer, and the receiver/client—are then examined individually. The volume concludes with two overview chapters. The first of these looks at the analysis of a basic informing system, in which a single informer interacts directly with a clearly specified client or set of clients. The last chapter extends these ideas to the more complex topologies (e.g., multiple channels, multiple informers, multiple clients, layers of informing) that are more typical in real world informing contexts.

Management in the Age of Digital Business Complexity - Bill McKelvey 2021-09-08

Management in the Age of Digital Business Complexity focuses on how the digital age is changing management and vastly speeding up complexity dynamics. The recent coevolution of technologies has dramatically changed in just a few years how people and firms learn, communicate, and behave. Consequently, the process of how firms coevolve and the speed at which they coevolve has been dramatically changed in the digital age, and managerial methods are lagging way behind. Combining his own expertise with that of a number of specialist and international co-authors, McKelvey conveys how companies that fall behind digitally can quickly be driven out of business. The book has been created for academics seeking to upgrade management thinking into the

modern digital age and vastly improve the change capabilities of firms facing digital-oriented competition.

The Lure of Modern Science - B J West 1995-05-31

The authors describe mostly in non-technical language the development of a new scientific paradigm based on nonlinear deterministic dynamics and fractal geometry. The concepts from these two mathematical disciplines are interwoven with data from the physical, social and life sciences. In this way rather sophisticated mathematical concepts are made accessible through experimental data from various disciplines, and the formalism is relegated to appendices. It is shown that the complexity of natural and social phenomena invariably lead to inverse power law distributions, both in terms of probabilities and spectra. This book tries to show how to think differently about familiar phenomena, such as why the bell-shape curve ought not to be used in teaching or in the characterization of such complex phenomena as intelligence.

Contents:Lure of Modern ScienceLinear Spaces and Geometry in Natural PhilosophyNoise in Natural PhilosophySelf-Similarity, Fractals and MeasurementsMaps and DynamicsDynamics in Fractal Dimensions
Readership: Students of biology, physics and the social sciences.
keywords:Scaling;Time Series;Nonlinear Dynamics;Chaos;Fractal Processes;Fractal Dimensions;Nonlinear

Maps;Modeling;Complexity“Like a review article, topics are chosen to reflect scholarly importance, and every idea and concept is well documented with ample references to the literature. Like a trade book, the book does not require extensive background in physics and has a style that makes it hard to put down ... The book, in fact, is the among the best introductions for the newcomer to the area of 'statistical thinking' that I have seen ... I recommend this book to undergraduates and beginning graduate students who want to get a concrete impression of what many statistical mechanicians are actually doing today.”Journal of Statistical Physics “It provides the reader with a good grounding in nonlinear science and, at the same time, a superb critique of the traditional natural science approaches that often dominate our thinking.”Complexity and Chaos in Nursing

Leadership in Complexity and Change - Sharon Varney 2021-10-25

If we needed a reminder that the world is complex and in constant motion, then 2020 certainly delivered. Suddenly, the inherent uncertainties and ambiguities of leadership were starkly revealed for all to see as the dynamics of complexity and change played out intensively, and very publicly, on the global stage. Leadership in Complexity and Change draws on complexity science to paint a picture of a world in constant motion, where leadership is enacted in the midst of complexity and continuous change. We must learn to engage with complexity. If not now, when? Part I of this insightful book brings complexity science to life by considering the practical challenges of complexity and its implications for leadership. Part II considers how leaders can reinvigorate existing tools and approaches with a new mindset, before offering some new tools and practices for learning informed leadership. Part III concludes by considering the person in the practice of leadership in complexity and change. Key ideas are presented through mini-cases and practical examples embedded throughout the book. This book will help executives, managers, and professionals recognise where some of the challenges come from understand why those challenges persist engage with the dynamic patterning of organisational life appreciate the scope for leadership recognise the choices that can be made choose how to manage themselves

Power: Die 48 Gesetze der Macht - Robert Greene 2013-01-28

Mit über 200.000 verkauften Exemplaren dominierte „Power - Die 48 Gesetze der Macht“ von Robert Greene monatelang die Bestsellerlisten. Nun erscheint der Klassiker als Kompaktausgabe: knapp, prägnant, unterhaltsam. Wer Macht haben will, darf sich nicht zu lange mit moralischen Skrupeln aufhalten. Wer glaubt, dass ihn die Mechanismen der Macht nicht interessieren müssten, kann morgen ihr Opfer sein. Wer behauptet, dass Macht auch auf sanftem Weg erreichbar ist, verkennt die Wirklichkeit. Dieses Buch ist der Machiavelli des 21. Jahrhunderts, aber auch eine historische und literarische Fundgrube voller Überraschungen.

Handbook on the Economic Complexity of Technological Change - Cristiano Antonelli 2011-01-01

This comprehensive and innovative Handbook applies the tools of the economics of complexity to analyse the causes and effects of technological and structural change. It grafts the intuitions of the economics of complexity into the tradition of analysis based upon the Schumpeterian and Marshallian legacies. The Handbook elaborates the notion of innovation as an emerging property of the organized complexity of an economic system, and provides the basic tools to understand the

recursive dynamics between the emergence of innovation and the unfolding of organized complexity. In so doing, it highlights the role of organizational thinking in explaining the introduction of innovations and the dynamics of structural change. With a new methodological approach to the economics of technological change, this wide-ranging volume will become the standard reference for postgraduates, academics and practitioners in the fields of evolutionary economics, complexity economics and the economics of innovation.

E-Business Applications for Product Development and Competitive Growth: Emerging Technologies - Lee, In 2010-11-30

"This book will serve as an integrated e-business knowledge base for those who are interested in the advancement of e-business theory and practice through a variety of research methods including theoretical, experimental, case, and survey research methods"--Provided by publisher.

The New Evolution Diet - Arthur De Vany 2010-12-21

Identifies the dietary and lifestyle behaviors of the Paleolithic era while arguing that many common diseases, including aging, can be avoided, explaining the benefits of such principles as eating strategically, exercising periodically, and skipping meals.

Handbook of Research Methods in Complexity Science - Eve Mitleton-Kelly

This comprehensive Handbook is aimed at both academic researchers and practitioners in the field of complexity science. The book's 26 chapters, specially written by leading experts, provide in-depth coverage of research methods based on the sciences of complexity. The research methods presented are illustratively applied to practical cases and are readily accessible to researchers and decision makers alike.

Flexibilität durch Selbststeuerung in logistischen Systemen - Christine Wycisk 2009-11-17

Christine Wycisk entwickelt ein Bewertungsmodell zur rationalen Entscheidungsunterstützung für das Logistikmanagement, welches den Einsatz von Selbststeuerungskonzepten hinsichtlich ihrer Economic-Value-Adding-Potenziale abbildet.

The Community Resilience Reader - Daniel Lerch 2017-10-12

National and global efforts have failed to stop climate change, transition from fossil fuels, and reduce inequality. We must now confront these and other increasingly complex problems by building resilience at the community level. The Community Resilience Reader combines a fresh look at the challenges humanity faces in the 21st century, the essential tools of resilience science, and the wisdom of activists, scholars, and analysts working on the ground to present a new vision for creating resilience. It shows that resilience is a process, not a goal; how it requires learning to adapt but also preparing to transform; and that it starts and ends with the people living in a community. From Post Carbon Institute, the producers of the award-winning The Post Carbon Reader, The Community Resilience Reader is a valuable resource for community leaders, college students, and concerned citizens.

Generative Emergence - Benyamin Lichtenstein 2014-06-20

How do organizations become created? Entrepreneurship scholars have debated this question for decades, but only recently have they been able to gain insights into the non-linear dynamics that lead to organizational emergence, through the use of the complexity sciences. Written for social science researchers, Generative Emergence summarizes these literatures, including the first comprehensive review of each of the 15 complexity science disciplines. In doing so, the book makes a bold proposal for a discipline of Emergence, and explores one of its proposed fields, namely Generative Emergence. The book begins with a detailed summary of its underlying science, dissipative structures theory, and rigorously maps the processes of order creation discovered by that science to identify a 5-phase model of order creation in entrepreneurial ventures. The second half of the book presents the findings from an experimental study that tested the model in four fast-growth ventures through a year-long, week-by-week longitudinal analysis of their processes, based on over 750 interviews and 1000 hours of on-site observation. These data, combined with reports from over a dozen other studies, confirm the dynamics of the 5-phase model in multiple contexts. By way of conclusion, the book explores how the model of Generative Emergence could be applied to enact emergence within and across organizations.

Linked - Albert-László Barabási 2014-06-24

The best-selling guide to network science, the revolutionary field that reveals the deep links between all forms of human social life A cocktail party. A terrorist cell. Ancient bacteria. An international conglomerate. All are networks, and all are a part of a surprising scientific revolution.

In *Linked*, Albert-László Barabási, the nation's foremost expert in the new science of networks, takes us on an intellectual adventure to prove that social networks, corporations, and living organisms are more similar than previously thought. Barabási shows that grasping a full understanding of network science will someday allow us to design blue-chip businesses, stop the outbreak of deadly diseases, and influence the exchange of ideas and information. Just as James Gleick and the Erdős-Rényi model brought the discovery of chaos theory to the general public, *Linked* tells the story of the true science of the future and of experiments in statistical mechanics on the internet, all vital parts of what would eventually be called the Barabási-Albert model.

The SAGE Handbook of Complexity and Management - Peter Allen 2011-03-18

The SAGE Handbook of Complexity and Management is the first substantive scholarly work to provide a map of the state of art research in the growing field emerging at the intersection of complexity science and management studies. Edited and written by internationally respected scholars from management and related disciplines, the Handbook will be the definitive reference source for understanding the implications of complexity science for management research and practice. Part One: Foundations introduces complexity science and its implications for the foundations of scientific knowledge, including management knowledge. Part Two: Applications presents the numerous ways in which complexity science models and tools, as well as complexity thinking, are being applied to management and organizational phenomena and the insights gained as a result. Part Three: Interfaces highlights how complexity science is transforming various non-management fields and, in so doing, creating exciting interfaces for bridging between management and related disciplines.

Complexity - Melanie Mitchell 2009-04-01

What enables individually simple insects like ants to act with such precision and purpose as a group? How do trillions of neurons produce something as extraordinarily complex as consciousness? In this remarkably clear and companionable book, leading complex systems scientist Melanie Mitchell provides an intimate tour of the sciences of complexity, a broad set of efforts that seek to explain how large-scale complex, organized, and adaptive behavior can emerge from simple interactions among myriad individuals. Based on her work at the Santa Fe Institute and drawing on its interdisciplinary strategies, Mitchell brings clarity to the workings of complexity across a broad range of biological, technological, and social phenomena, seeking out the general principles or laws that apply to all of them. Richly illustrated, *Complexity: A Guided Tour*--winner of the 2010 Phi Beta Kappa Book Award in Science--offers a wide-ranging overview of the ideas underlying complex systems science, the current research at the forefront of this field, and the prospects for its contribution to solving some of the most important scientific questions of our time.

The Mathematics of Urban Morphology - Luca D'Acci 2019-03-23

This edited volume provides an essential resource for urban morphology, the study of urban forms and structures, offering a much-needed mathematical perspective. Experts on a variety of mathematical modeling techniques provide new insights into specific aspects of the field, such as street networks, sustainability, and urban growth. The chapters collected here make a clear case for the importance of tools and methods to understand, model, and simulate the formation and evolution of cities. The chapters cover a wide variety of topics in urban morphology, and are conveniently organized by their mathematical principles. The first part covers fractals and focuses on how self-similar structures sort themselves out through competition. This is followed by a section on cellular automata, and includes chapters exploring how they generate fractal forms. Networks are the focus of the third part, which includes street networks and other forms as well. Chapters that examine complexity and its relation to urban structures are in part four. The fifth part introduces a variety of other quantitative models that can be used to study urban morphology. In the book's final section, a series of multidisciplinary commentaries offers readers new ways of looking at the relationship between mathematics and urban forms. Being the first book on this topic, *Mathematics of Urban Morphology* will be an invaluable resource for applied mathematicians and anyone studying urban morphology. Additionally, anyone who is interested in cities from the angle of economics, sociology, architecture, or geography will also find it useful. "This book provides a useful perspective on the state of the art with respect to urban morphology in general and mathematics as tools and frames to disentangle the ideas that pervade arguments about form and function in particular. There is much to absorb in the pages that

follow and there are many pointers to ways in which these ideas can be linked to related theories of cities, urban design and urban policy analysis as well as new movements such as the role of computation in cities and the idea of the smart city. Much food for thought. Read on, digest, enjoy." From the foreword by Michael Batty

Strategic Networks - Michael Gibbert 2009-02-04

This book explores the creation of 'learning networks' and sheds light on how they function:- real versus virtual forms of interaction, collaboration versus competition in the learning process, and joint value creation versus individual value appropriation in networks. Written by international experts in the field of global strategy. Contributions have been selected for their insights and interdependence between organizational learning and networks. Looks at topics such as real versus virtual forms of interaction, collaboration versus competition in the learning process, and joint value creation versus individual value appropriation in networks.

Science Dynamics and Research Production - Nikolay K. Vitanov 2016-08-01

This book deals with methods to evaluate scientific productivity. In the book statistical methods, deterministic and stochastic models and numerous indexes are discussed that will help the reader to understand the nonlinear science dynamics and to be able to develop or construct systems for appropriate evaluation of research productivity and management of research groups and organizations. The dynamics of science structures and systems is complex, and the evaluation of research productivity requires a combination of qualitative and quantitative methods and measures. The book has three parts. The first part is devoted to mathematical models describing the importance of science for economic growth and systems for the evaluation of research organizations of different size. The second part contains descriptions and discussions of numerous indexes for the evaluation of the productivity of researchers and groups of researchers of different size (up to the comparison of research productivities of research communities of nations). Part three contains discussions of non-Gaussian laws connected to scientific productivity and presents various deterministic and stochastic models of science dynamics and research productivity. The book shows that many famous fat tail distributions as well as many deterministic and stochastic models and processes, which are well known from physics, theory of extreme events or population dynamics, occur also in the description of dynamics of scientific systems and in the description of the characteristics of research productivity. This is not a surprise as scientific systems are nonlinear, open and dissipative.

The 80/20 Principle and 92 Other Powerful Laws of Nature - Richard Koch 2013-06-06

In a brand new Preface, bestselling author Richard Koch describes a paradigm shift in business, whereby intuition is more important than analysis, ideas and product trump strategy, and influence is superior to control. In this essential companion to his bestselling *The 80/20 Principle* - the radical power law that helped thousands of people achieve more by doing less - Koch illuminates 92 other universal principles and laws to promote the science of success in an increasingly challenging business environment.

Knowledge, Organization, and Management - John Child 2013-06-13

'Knowledge, Organization, and Management' brings together key examples of Max Boisot's work into a single volume, setting these alongside original, extended commentaries and reflections by his academic collaborators.

Research Methodology in Strategy and Management - David J. Ketchen Jr. 2006-07-25

Offers twelve chapters of discussion surrounding various tools and methods utilized by scholars and academics. This title covers a range of approaches for strategists, managers, and researchers.

From Galileo to Modern Economics - Gianfranco Tusset 2018-09-08

Empirical laws are rare in economics. This book describes efforts to anchor economic knowledge to invariant empirical laws. It links 17th and 18th century Galilean monetary economists to econophysics, a field that emerged in the mid-1990s. This virtual journey from past to present is charted by episodes on aggregates and empirical primacy. It includes the virtually unknown story of 19th century scholars who, by searching for a stricter mathematical approach, paved the way to an 'engineering' view of economics. Then there are celebrities like Pareto and his first empirical law governing the distribution of wealth. Pareto and Amoroso sparked a debate on the skewed distribution that spanned decades, ranging from finance to market transformations, to econophysics, with its concepts and tools inherited from statistical physics. The last stage of

the journey goes through econophysics and the recent gradual advances it has made, which show how its position vis-à-vis economics has been changing.