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CRC Press

This is a philosophical work that develops a general theory of ontological objects and object-relations. It does this by examining concepts as acquired dispositions, and then focuses on perhaps the most important of these: the concept of learning. This concept is important because everything that we know and do in the world is predicated on a prior act of learning. A concept can have many meanings and can be used in a number of different ways, and this creates difficulty when considering the nature of objects and the relationships between them. To enable this, David Scott answers a series of questions about concepts in general and the concept of learning in particular. Some of these questions are: What is learning? What different meanings can be given to the notion of learning? How does the concept of learning relate to other concepts, such as innatism, development and progression? The book offers a counter-argument to empiricist conceptions of learning, to the propagation of simple messages about learning, knowledge, curriculum and assessment, and to the denial that values are central to understanding how we live. It argues that values permeate everything: our descriptions of the world, the attempts we make at creating better futures and our relations with other people.

Robust Quality UCL Press

This book presents the first detailed mathematical analysis of the social, cognitive and experiential properties of Modernist domestic architecture. The Modern Movement in architecture, which came to prominence during the first half of the twentieth century, may have been famous for its functional forms and machine-made aesthetic, but it also sought to challenge the way people inhabit, understand and experience space. Ludwig Mies van der Rohe's buildings were not only minimalist and transparent, they were designed to subvert

traditional social hierarchies. Frank Lloyd Wright's performance Perform process organic Modernism not only attempted to negotiate capabilities analysis Issa Bass is a more responsive relationship between nature and a Master Black Belt and senior architecture, but also shape the way people consultant with Manor House and experience space. Richard Neutra's Californian Associates. He is the founding Modernism is traditionally celebrated for its sleek, editor of SixSigmaFirst.com. Bass has extensive experience in geometric forms, but his intention was to use design to support a heightened understanding of quality and operations management, context. Glenn Murcutt's pristine pavilions, and is also the author of Six Sigma Statistics with Minitab and seemingly the epitome of regional Modernism, Excel. Barbara Lawton, Ph.D., is a actually raise important questions about the socio-spatial structure of architecture. Rather than focussing on form or style in Modernism, this book examines the spatial, social and experiential properties of thirty-seven designs by Wright, Mies, Neutra and Murcutt. The computational and mathematical methods used for this purpose are drawn from space syntax, isovist geometry and graph theory. The specific issues that are examined include: the sensory and emotional appeal of space and form; shifting social and spatial structures in architectural planning; wayfinding and visual understanding; and the relationship between form and program.

Tata McGraw-Hill Education
About the Book : - Written by a Six Sigma Master Black Belt and a Ph.D., this practical guide to Lean Six Sigma project execution follows the DMAIC (Define, Measure, Analyze, Improve, and Control) roadmap. The many real-world examples used in the book offer in-depth theoretical analyses and are implemented using the two most popular statistical software suites--SigmaXL and Minitab. This expert resource covers Lean topics ranging from basic data analysis to complex design of experiments and statistical process control. Harness the power of SigmaXL and Minitab and enable sustained positive operational results throughout your organization with help from this authoritative guide. Lean Six Sigma Using SigmaXL and Minitab explains how to: Define the project goals, project manager, value statement, stakeholders, and risk Schedule tasks using the Gantt chart, critical path analysis, and program evaluation and review technique Capture the voice of internal and external customers Assess the cost of quality Gather data and measure process

An Introduction to Scientific Computing in MATLAB John Wiley & Sons

Many organizations are looking for that magic tool or methodology that will suddenly transform them into outstanding organizations. Unfortunately, there is no one right answer for all organizations or even for a single organization. Successful organizations skillfully integrate the appropriate improvement approaches with honesty, commitment, and constancy of purpose across all levels of management. This book, part of The Little Big Book series, discusses the most common set of tools and methodologies used in managerial, strategic planning, project selection, and organizational improvement projects that are referred to throughout The Little Big Book series. It presents, in a concise no-nonsense format, the concepts and techniques that must be mastered by project managers and anyone tasked with managing an improvement project. The tools covered in this book include affinity diagrams, brainstorming, cause-and-effect diagrams, the Kano model, organizational process improvement, Pareto analysis, project management, risk management, root cause analysis, storyboarding, value propositions, and workflow diagrams. Because of the large number of tools and techniques covered, the book supplies concise operating guidance for each tool that is adequate to prepare readers to understand and use that tool. It also includes examples of how the tools are used. The book provides a basic understanding of the tools you need to improve the processes you are currently using to manage your organization and,

ultimately, to improve the quality, productivity, and agility of the products or services you are delivering to your customers. The tools presented in this book are the essential tools that all organizations should be using. By understanding and using the tools covered in this book, you will possess a better overall understanding of the way your organization needs to function in today's increasingly competitive environment. This book is designed to supplement and provide additional direction in the use of the methodologies defined in the other books in The Little Big Book series

Operations and Management in IP-Based Networks CRC Press

Since *The Social Logic of Space* was published in 1984 Bill Hillier and his colleagues at University College London have been conducting research on how space features in the form and functioning of buildings and cities. A key outcome is the concept of 'spatial configuration' - meaning relations which take account of other relations in a complex. New techniques have been developed and applied to a wide range of architectural and urban problems. The aim of this book is to assemble some of this work and show how it leads the way to a new type of theory of architecture: an 'analytic' theory in which understanding and design advance together. The success of configurational ideas in bringing to light the spatial logic of buildings and cities suggests that it might be possible to extend these ideas to other areas of the human sciences where problems of configuration and pattern are critical.

Analytics and Decision Support in Health Care Operations Management

Lean SigmaA Practitioner's Guide

Is it possible to bring university research and student education into a more connected, more symbiotic relationship? If so, can we develop programmes of study that enable faculty, students and 'real world' communities to connect in new ways? In this accessible book, Dilly Fung argues that it is not only possible but also potentially transformational to develop new forms of research-based education. Presenting the Connected Curriculum framework already adopted by UCL, she opens windows onto new initiatives related to, for example, research-based education, internationalisation, the global classroom, interdisciplinarity and public engagement. A Connected Curriculum for Higher Education is, however, not just about developing engaging

programmes of study. Drawing on the field of philosophical hermeneutics, Fung argues how the Connected Curriculum framework can help to create spaces for critical dialogue about educational values, both within and across existing research groups, teaching departments and learning communities. Drawing on vignettes of practice from around the world, she argues that developing the synergies between research and education can empower faculty members and students from all backgrounds to contribute to the global common good.

Beyond a youth technology UCL Press

This book will help you to plan, design and conduct quality research within the specific context of education and educational studies. An impressive cast of contributors discuss the reality of conducting research in different educational settings and provide practical advice for both undergraduate and postgraduate students and early career researchers doing research in education. The book discusses key philosophical issues such as understanding research paradigms, ethics and selecting appropriate methodologies but remains grounded in the practical experience of the researcher. It has comprehensive coverage of the whole research process from start to finish, is easy to navigate and helps develop key skills such as: Time management Creating good research questions and hypotheses Constructing the literature review Structuring a project Writing a proposal Managing data Analysing data Writing for specific audiences Packed full of learning features and showcasing a wide range of voices and opinions this book is an ideal guide for anyone conducting research in education or educational studies.

Management for Productivity

Cambridge University Press

A practical introduction perfect for final-year undergraduate and graduate students without a solid background in linear algebra and calculus.

Techniques and Sample Outputs that Drive Business Excellence World Bank Publications

Preceded by Quantitative methods in health care management / Yasar A. Ozcan. 2nd ed. c2009.

Planning the Development of Universities UCL Press

The smartphone is often literally right in front of our nose, so you would think we would know what it is. But do we? To find out, 11 anthropologists each spent 16 months living in communities in Africa, Asia, Europe and South America, focusing on the take up of smartphones by older

people. Their research reveals that smartphones are technology for everyone, not just for the young. The Global Smartphone presents a series of original perspectives deriving from this global and comparative research project.

Smartphones have become as much a place within which we live as a device we use to provide 'perpetual opportunism', as they are always with us. The authors show how the smartphone is more than an 'app device' and explore differences between what people say about smartphones and how they use them. The smartphone is unprecedented in the degree to which we can transform it. As a result, it quickly assimilates personal values. In order to comprehend it, we must take into consideration a range of national and cultural nuances, such as visual communication in China and Japan, mobile money in Cameroon and Uganda, and access to health information in Chile and Ireland - all alongside diverse trajectories of ageing in Al Quds, Brazil and Italy. Only then can we know what a smartphone is and understand its consequences for people's lives around the world.

Rethinking the Futures of Europe Prentice Hall PTR

This professional book is designed for managers involved in the use of quantitative techniques to solve accounting-based problems. Belkaoui takes the reader in hand and carefully reviews the mathematical and statistical techniques needed to understand quantitative models, and then introduces those models of relevance to accounting areas of cost-volume-profit analysis, cost estimation, linear programming, cost control, inventory models, capital budgeting, and network analysis.

Perspectives in and from Latin America UCL Press

Part of a series on advances in artificial intelligence in economics, finance and management, this first volume discusses such topics as: artificial neural systems; the economic theory foundation for neural computing systems; and neural network of managerial judgement; among other topics.

Quantitative Methods for Project Management UCL Press

Lean SigmaA Practitioner's Guide Prentice Hall PTR

Space Is the Machine Oxford University Press

Little did Isaac Newton, Charles Darwin and other 'gentlemen scientists' know, when they were making their scientific discoveries, that some centuries later they would inspire a new field of scientific practice and innovation, called citizen science. The current growth and availability of citizen science projects and relevant applications to support citizen involvement is massive; every citizen has an opportunity to become a scientist and

contribute to a scientific discipline, without having any professional qualifications. With geographic interfaces being the common approach to support collection, analysis and dissemination of data contributed by participants, 'geographic citizen science' is being approached from different angles. *Geographic Citizen Science Design* takes an anthropological and Human-Computer Interaction (HCI) stance to provide the theoretical and methodological foundations to support the design, development and evaluation of citizen science projects and their user-friendly applications. Through a careful selection of case studies in the urban and non-urban contexts of the Global North and South, the chapters provide insights into the design and interaction barriers, as well as on the lessons learned from the engagement of a diverse set of participants; for example, literate and non-literate people with a range of technical skills, and with different cultural backgrounds. Looking at the field through the lenses of specific case studies, the book captures the current state of the art in research and development of geographic citizen science and provides critical insight to inform technological innovation and future research in this area.

Mapping Society Clarendon Press

A completely self-contained treatment of management fundamentals, including text, case applications, class exercises and career perspectives - a complete course and supplemental ancillaries in a single text. Designed for a first course in principles of management, this revised and updated edition introduces the traditional management functions - planning, organizing, leading and controlling - with a strong, ongoing emphasis on productivity. Changes include new end of chapter cases, new career perspectives and four new extensive case studies.

SAVE Proceedings Butterworth-Heinemann

From a rare map of yellow fever in eighteenth-century New York, to Charles Booth's famous maps of poverty in nineteenth-century London, an Italian racial zoning map of early twentieth-century Asmara, to a map of wealth disparities in the banlieues of twenty-first-century Paris, *Mapping Society* traces the evolution of social cartography over the past two centuries. In this richly illustrated book, Laura Vaughan examines maps of ethnic or religious difference, poverty, and health inequalities, demonstrating how they not only serve as historical records of social enquiry, but also constitute inscriptions of social patterns that have been etched deeply on the surface of cities. The book covers themes such as the use of visual

rhetic to change public opinion, the evolution of sociology as an academic practice, changing attitudes to physical disorder, and the complexity of segregation as an urban phenomenon. While the focus is on historical maps, the narrative carries the discussion of the spatial dimensions of social cartography forward to the present day, showing how disciplines such as public health, crime science, and urban planning, chart spatial data in their current practice. Containing examples of space syntax analysis alongside full colour maps and photographs, this volume will appeal to all those interested in the long-term forces that shape how people live in cities.

On Learning SAGE

MATLAB for Neuroscientists serves as the only complete study manual and teaching resource for MATLAB, the globally accepted standard for scientific computing, in the neurosciences and psychology. This unique introduction can be used to learn the entire empirical and experimental process (including stimulus generation, experimental control, data collection, data analysis, modeling, and more), and the 2nd Edition continues to ensure that a wide variety of computational problems can be addressed in a single programming environment. This updated edition features additional material on the creation of visual stimuli, advanced psychophysics, analysis of LFP data, choice probabilities, synchrony, and advanced spectral analysis. Users at a variety of levels—advanced undergraduates, beginning graduate students, and researchers looking to modernize their skills—will learn to design and implement their own analytical tools, and gain the fluency required to meet the computational needs of neuroscience practitioners. The first complete volume on MATLAB focusing on neuroscience and psychology applications. Problem-based approach with many examples from neuroscience and cognitive psychology using real data. Illustrated in full color throughout. Careful tutorial approach, by authors who are award-winning educators with strong teaching experience.

Geographic Citizen Science Design

Taylor & Francis

Project Management, Planning and Control, Managing Engineering, Construction and Manufacturing Projects to PMI, APM and BSI Standards, Seventh Editions an established and widely recommended project management handbook. Building on its clear and detailed

coverage of planning, scheduling and control, this seventh edition includes new advice on information management, including big data, communication, dispute resolution, project governance, and BIM. Ideal for those studying for Project Management Professional (PMP) qualifications, the book is aligned with the latest Project Management Body of Knowledge (PMBOK) for both the Project Management Institute (PMI) and the Association of Project Management (APM), and includes questions and answers to help users test their understanding. Includes new sections on data collection and use, including big data. Contains major updates to sections on governance, adjudication, BIM, and agile project management. Focused on the needs and challenges of project managers in engineering, manufacturing and construction, and closely aligned to the content of the APM and PMI 'bodies of knowledge'. Provides project management questions and answers compiled by a former APM exam assessor.

Materiality Bernan Press (PA)

Galaxies, along with their underlying dark matter halos, constitute the building blocks of structure in the Universe. Of all fundamental forces, gravity is the dominant one that drives the evolution of structures from small density seeds at early times to the galaxies we see today. The interactions among myriads of stars, or dark matter particles, in a gravitating structure produce a system with fascinating connotations to thermodynamics, with some analogies and some fundamental differences. Ignacio Ferreras presents a concise introduction to extragalactic astrophysics, with emphasis on stellar dynamics, and the growth of density fluctuations in an expanding Universe. Additional chapters are devoted to smaller systems (stellar clusters) and larger ones (galaxy clusters).

Fundamentals of Galaxy Dynamics, Formation and Evolution is written for advanced undergraduates and beginning postgraduate students, providing a useful tool to get up to speed in a starting research career. Some of the derivations for the most important results are presented in detail to enable students appreciate the beauty of maths as a tool to understand the workings of galaxies. Each chapter includes a set of problems to help the student advance with the material.

MATLAB for Neuroscientists Morgan Kaufmann

This Climate Change Public Expenditure and Institutional Review Sourcebook (CCPEIR)

seeks to provide practitioners with the tools and information needed to respond to the public expenditure policy and management challenges arising from climate change. It is a series of notes and supporting materials written as a first step towards consolidating current research and international experience, identifying emerging practice and providing practical and applicable guidance for staff of central finance agencies, development agencies, environmental agencies and other international organizations working on climate change issues. In addition to emphasizing the importance of strengthening national systems throughout, the Sourcebook focuses on the specific public expenditure policy and management challenges posed by climate change, such as decision-making in the face of uncertain future climate conditions, expenditure planning for extreme weather and climate events, the lack of agreed budget definition and classification of climate change activities.