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E-commerce in China - 2000

Tactical Urbanism - Mike Lydon 2015-03-17
Begins with an in-depth history of the Tactical Urbanism movement and its place among other social, political, and urban planning trends. With a detailed set of case studies that demonstrate the breadth and scalability of tactical urbanism interventions, this book provides a detailed toolkit for conceiving, planning, and carrying out projects.
The Intesa Sanpaolo Skyscraper. Turin - Renzo Piano 2017

Microelectronic Circuits - Adel S. Sedra 2015 This market-leading textbook continues its standard of excellence and innovation built on the solid pedagogical foundation of previous editions. This new edition has been thoroughly updated to reflect changes in technology, and includes new BJT/MOSFET coverage that combines and emphasizes theunity of the basic principles while allowing for separate treatment of the two device types where needed. Amply illustrated by a wealth of examples and complemented by an expanded number of well-designed end-of-chapter problems and practice exercises, Microelectronic Circuits is the most currentresource available for teaching tomorrow's engineers how to analyze and design electronic circuits.

Displacing Caravaggio - Francesco Zucconi 2018-10-17 This book takes its start from a series of attempts to use Caravaggio's works for contemporary humanitarian communications. How did his Sleeping Cupid (1608) end up on the island of Lampedusa, at the heart of the Mediterranean migrant crisis? And why was his painting The Seven Works of Mercy (1607) requested for display at a number of humanitarian public events? After critical reflection on these significant transfers of Caravaggio's work, Francesco Zucconi takes Baroque art as a point of departure to guide readers through some of the most haunting and compelling images of our time. Each chapter analyzes a different form of media and explores a problem that ties together art history and humanitarian communications: from Caravaggio's attempt to represent life itself as a subject of painting to the way bodies and emotions are presented in NGO campaigns. What emerges from this probing inquiry at the intersection of art theory, media studies and political philosophy is an original critical path in humanitarian visual culture.

Digital Twin Driven Smart Manufacturing - Fei Tao

2019-02-07
Digital Twin Driven Smart Manufacturing examines the background, latest research, and application models for digital twin technology, and shows how it can be central to a smart manufacturing process. The interest in digital twin in manufacturing is driven by a need for excellent product reliability, and an overall trend towards intelligent, and connected manufacturing systems. This book provides an ideal entry point to this subject for readers in industry and academia, as it answers the questions: (a) What is a digital twin? (b) How to construct a digital twin? (c) How to use a digital twin to improve manufacturing efficiency? (d) What are the essential activities in the implementation of a digital twin? (e) What are the most important obstacles to overcome for the successful deployment of a digital twin? (f) What are the relations between digital twin and New Technologies? (g) How to combine digital twin with the New Technologies to achieve high efficiency and smartness in manufacturing? This book focuses on these problems as it aims to help readers make the best use of digital twin technology towards smart manufacturing. Analyzes the differences, synergies and possibilities for integration between digital twin technology and other technologies, such as big data, service and Internet of Things Discuss new requirements for a traditional three-dimension digital twin and proposes a methodology for a five-dimension version Investigates new models for optimized manufacturing, prognostics and health management, and cyber-physical fusion based on the digital twin

Mind and Places - Anna Anzani 2020-05-12
This book explores the contributions of psychological, neuroscientific and philosophical perspectives to the design of contemporary cities. Pursuing an innovative and multidisciplinary approach, it addresses the need to re-launch knowledge and

creativity as major cultural and institutional bases of human communities. Dwelling is a form of knowledge and re-invention of reality that involves both the tangible dimension of physical places and their mental representation. Findings in the neuroscientific field are increasingly opening stimulating perspectives on the design of spaces, and highlight how our ability to understand other people is strongly related to our corporeity. The first part of the book focuses on the contributions of various disciplines that deal with the spatial dimension, and explores the dovetailing roles that science and art can play from a multidisciplinary perspective. In turn, the second part formulates proposals on how to promote greater integration between the aesthetic and cultural dimension in spatial design. Given its scope, the book will benefit all scholars, academics and practitioners who are involved in the process of planning, designing and building places, and will foster an international exchange of research, case studies, and theoretical reflections to confront the challenges of designing conscious places and enable the development of communities.

What is Urban History? - Shane Ewen 2016-09-12
Urban history is a well-established and flourishing field of historical research. Written by a leading scholar, this short introduction demonstrates how urban history draws upon a wide variety of methodologies and sources, and has been integral to the rise of interdisciplinary and comparative approaches to history since the second half of the twentieth century. Shane Ewen offers an accessible and clearly written guide to the study of urban history for the student, teacher, researcher or general reader who is new to the field and interested in learning about past approaches as well as key themes, concepts and trajectories for future research. He takes a global and comparative viewpoint, combining a discussion of

classic texts with the latest literature to illustrate the current debates and controversies across the urban world. The historiography of the field is mapped out by theme, including new topics of interest, with a particular focus on space and social identity, power and governance, the built environment, culture and modernity, and the growth and spread of transnational networking. By discussing a number of historic and fast-growing cities across the world, What is Urban History? demonstrates the importance of the history of urban life to our understanding of the world, both in the present and the future. As a result, urban history remains pivotal for explaining the continued growth of towns and cities in a global context, and is particularly useful for identifying the various problems and solutions faced by fast-growing megacities in the developing world.

Aesthetics of digital poetry - Friedrich W. Block 2004 Digital poetry demonstrates and reflects the use of language and symbol systems in computers and digital networks. Digital poetry thus refers to creative, experimental, playful, and also critical language art involving programming, multimedia, animation, interactivity, and internet communication. This book discusses how the concepts of text and poetry and of reception and authorship have changed. Comprising essays, manifestos, and detailed analyses by scholars and artists, it is a handbook on the aesthetics of digital poetry, which presents the current state of the discourse.

Buildings for Education - Stefano Della Torre 2019-01-01 This open access book presents theoretical and practical research relating to the vast, publicly financed program for the construction of new schools and the reorganization of existing educational buildings in Italy. This transformative process aims to give old buildings a fresh identity, to ensure that facilities are compliant with the new

educational and teaching models, and to improve both energy efficiency and structural safety with respect to seismic activity. The book is divided into three sections, the first of which focuses on the social role of the school as a civic building that can serve the needs of the community. Innovations in both design and construction processes are then analyzed, paying special attention to the Building Information Modeling (BIM) strategy as a tool for the integration of different disciplines. The final section is devoted to the built heritage and tools, technologies, and approaches for the upgrading of existing buildings so that they meet the new regulations on building performance. The book will be of interest to all who wish to learn about the latest insights into the challenges posed by, and the opportunities afforded by, a comprehensive school building and renovation program.
Military Landscapes - Anatole Tchikine 2021-06-08 Military Landscapes seeks to develop a nuanced definition of military landscapes under the framework of landscape theory. It moves beyond discussions of infrastructure and battlefields, shifting the focus instead to often overlooked factors, highlighting the historical character of militarized environments as inherently gendered and racialized.
Mathematical Analysis I - Claudio Canuto 2015-04-08 The purpose of the volume is to provide a support for a first course in Mathematics. The contents are organised to appeal especially to Engineering, Physics and Computer Science students, all areas in which mathematical tools play a crucial role. Basic notions and methods of differential and integral calculus for functions of one real variable are presented in a manner that elicits critical reading and prompts a hands-on approach to concrete applications. The layout has a specifically-designed modular nature, allowing the instructor to make flexible didactical choices when planning an

introductory lecture course. The book may in fact be employed at three levels of depth. At the elementary level the student is supposed to grasp the very essential ideas and familiarise with the corresponding key techniques. Proofs to the main results befit the intermediate level, together with several remarks and complementary notes enhancing the treatise. The last, and farthest-reaching, level requires the additional study of the material contained in the appendices, which enable the strongly motivated reader to explore further into the subject. Definitions and properties are furnished with substantial examples to stimulate the learning process. Over 350 solved exercises complete the text, at least half of which guide the reader to the solution. This new edition features additional material with the aim of matching the widest range of educational choices for a first course of Mathematics.
Pressure Vessel Design - Donatello Annaratone

2007-02-15
This book guides the reader through general and fundamental problems of pressure vessel design. The basic approach is rigorously scientific with a complete theoretical development of the topics treated. The concrete and precise calculation criteria provided can be immediately applied to actual designs. The book also comprises unique contributions on important topics like Deformed Cylinders, Flat Heads, or Flanges.
CAD Fundamentals for Architecture - Elys John
2013-10-15
Computer-aided design (CAD) is the dominant design and drawing tool used in architecture, and all students need to acquire basic skills in using it. This book explains the key CAD skills required to create plans, 3D models and perspectives. Detailed text and hundreds of screengrabs and visuals are used to demonstrate the various techniques and processes. 2D skills are shown using AutoCAD, SketchUp and

Vectorworks, while 3D modelling and presentation techniques also include 3ds Max, Maya, Form·Z and Photoshop. The reader will learn how to simplify the software interface and tools in order to focus on the most common and useful tasks. This is an invaluable guide for all students of architecture.

Advances in Large Scale Flood Monitoring and Detection - Salvatore Manfreda 2020-11-13 Climate change and land use transformations have induced an increased flood risk worldwide. These phenomena are dramatically impacting ordinary life and the economy. Research and technology offer a new strategy to quantify and predict such phenomena and also mitigate the impact of flooding. In particular, the growing computational power is offering new strategies for a more detailed description of the flooding over large scales. This book offers an overview of the most recent outcomes of the research on this argument.

Sustainable Building Design for Tropical Climates - Federico Butera 2014

Cambridge English First for Schools 2 Student's Book without answers - Cambridge English Language Assessment 2016-08-18 Cambridge English First for Schools 2 contains four tests for the First for Schools exam, also known as First Certificate in English (FCE) for Schools. These examination papers for the Cambridge English: First (FCE) for Schools exam provide the most authentic exam preparation available, allowing candidates to familiarise themselves with the content and format of the exam and to practise useful exam techniques. The Student's Book without answers is perfect for classroom-based test practice. The Student's Book is also available in a 'with answers' edition. Audio CDs (2) containing the exam Listening material and a Student's Book with answers and downloadable Audio are available separately. These tests are also available as

Cambridge English: First for Schools Tests 5-8 on Testbank.org.uk

Aree militari dismesse e rigenerazione urbana - Francesco Gastaldi 2021-12-21 Il libro affronta una tra le più rilevanti problematiche relative alle politiche pubbliche in connessione con il governo del territorio degli ultimi 30 anni in Italia: il processo di dismissione e rigenerazione del patrimonio immobiliare in uso al Ministero della difesa italiano. Il lavoro di ricerca degli autori indaga criticità ed effetti del prolungato fenomeno di mancata valorizzazione di questa particolare tipologia di aree. Attraverso una lettura critica ed interpretativa di un insieme eterogeneo di fattori che si intrecciano: evoluzione della legislazione statale, ruolo delle amministrazioni locali e dei soggetti privati, protagonismo dal basso. Nell'ambito degli studi urbani in Italia la ricerca che si presenta nel volume si propone come una "riflessione problematica", il lettore scoprirà i fattori che hanno determinato inerzialità, lentezze, successi parziali. D'altro canto, nuove pratiche di sviluppo dal basso e inedite capacità istituzionali permettono di estrapolare nuove conoscenze in termini di approcci innovativi e di successo.

Modern Architecture Since 1900 - William J. R. Curtis 1987 A penetrating analysis of the modern architectural tradition and its origins. Since its first publication in 1982, Modern Architecture Since 1900 has become established as a contemporary classic. Worldwide in scope, it combines a clear historical outline with masterly analysis and interpretation. Technical, economic, social and intellectual developments are brought together in a comprehensive narrative which provides a setting for the detailed examination of buildings. Throughout the book the author's focus is on the individual architect, and on the qualities that give outstanding buildings their lasting value.For the third edition, the

text has been radically revised and expanded, incorporating much new material and a fresh appreciation of regional identity and variety. Seven chapters are entirely new, including expanded coverage of recent world architecture.Described by James Ackerman of Harvard University as "immeasurably the finest work covering this field in existence", this book presents a penetrating analysis of the modern tradition and its origins, tracing the creative interaction between old and new that has generated such an astonishing richness of architectural forms across the world and throughout the century.

10 Italian Architects - Esther McCoy 1967

Creating Innovation Leaders - Banny Banerjee 2015-12-01 This book focuses on the process of creating and educating innovation leaders through specialized programs, which are offered by leading academic schools. Accordingly, the book is divided into two parts. While the first part provides the theoretical foundations of why and how innovation leaders should be created, the second part presents evidence that these foundations can already be found in the programs of ten top-level universities. Part one consists of six chapters following a rigorous plan of content development, addressing topics ranging from (1) innovation, to (2) the settings where innovation occurs, (3) innovation leadership, (4) the need to change education, (5) a taxonomy of advanced educational experiences, and (6) cases of positive vs negative innovation leadership in the context of complex problems. Here the authors show that a new kind of innovation leadership is urgently needed, how it can be created, and how it is put into action. The second part is a collection of invited chapters that describe in detail ten leading academic programs: their objectives, curricular organization, enrollment procedures, and

impact on students. Selected programs include four North American institutions (Stanford's d.school, Harvard's Multidisciplinary Engineering Faculty, Philadelphia University, OCAD's Master of Design on Strategic Foresight & Innovation), five European institutions (Alta Scuola Politecnica of Milano and Torino, the EIT Master Program, Paris' d.school, Brighton's Interdisciplinary Design Program, Aalto University) and the Mission D program at Tongji University in China. The book is dedicated to all those who recognize the need to provide stimuli regarding innovation and innovation leadership, primarily but not exclusively in academia. These include, but are not limited to, professors, deans and provosts of academic institutions, managers at private organizations and government policy-makers – in short, anyone who is engaged in promoting innovation within their own organization, and who feels the need to expand the intellectual and practical toolbox they use in this demanding and exciting endeavor.

Logbook - Renzo Piano 1997 Renzo Piano (Genoa, 1937) studied architecture at the Polytechnic in Milan. Since winning the competition to design the Centre Pompidou in Paris (1971) along with Richard Rogers, Piano has become a prominent figure on the international architectural scene, with more works constructed outside Italy than in his own country. Piano brings a similar approach to both the small and the large scale. He has directed projects of very varying sizes: small buildings like the travelling IBN Pavilion and the Brancusi Museum; and great megastructures like Kansai's International Airport Terminal built on a man-made island in the Bay of Tokyo, and the remodeling of Berlin's Potsdamer Platz where work is scheduled to be completed in 2002.

Data Science for Social Good - Massimo Lapucci 2021

This book is a collection of reflections by thought leaders at first-mover organizations in the exploding field of "Data Science for Social Good", meant as the application of knowledge from computer science, complex systems and computational social science to challenges such as humanitarian response, public health, sustainable development. The book provides both an overview of scientific approaches to social impact identifying a social need, targeting an intervention, measuring impact and the complementary perspective of funders and philanthropies that are pushing forward this new sector. This book will appeal to students and researchers in the rapidly growing field of data science for social impact, to data scientists at companies whose data could be used to generate more public value, and to decision makers at nonprofits, foundations, and agencies that are designing their own agenda around data

Teresa - Neera 1998

A young woman in 1880s Italy is forbidden to marry a dashing young man because he has no money. Teresa Caccia is put to work by her father, looking after her younger siblings, and only when they grow up is she able to join her love.
The New Arab Urban - Harvey Molotch 2019-02-05
Cities of the Arabian Peninsula reveal contradictions of contemporary urbanization The fast-growing cities of the Persian Gulf are, whatever else they may be, indisputably sensational. The world's tallest building is in Dubai; the 2022 World Cup in soccer will be played in fantastic Qatar facilities; Saudi Arabia is building five new cities from scratch; the Louvre, the Guggenheim and the Sorbonne, as well as many American and European universities, all have handsome outposts and campuses in the region. Such initiatives bespeak strategies to diversify economies and pursue grand ambitions across the Earth. Shining special light on Dubai, Abu Dhabi, and Doha—where the dynamics of

extreme urbanization are so strongly evident—the authors of The New Arab Urban trace what happens when money is plentiful, regulation weak, and labor conditions severe. Just how do authorities in such settings reconcile goals of oft-claimed civic betterment with hyper-segregation and radical inequality? How do they align cosmopolitan sensibilities with authoritarian rule? How do these elite custodians arrange tactical alliances to protect particular forms of social stratification and political control? What sense can be made of their massive investment for environmental breakthrough in the midst of world-class ecological mayhem? To address such questions, this book's contributors place the new Arab urban in wider contexts of trade, technology, and design. Drawn from across disciplines and diverse home countries, they investigate how these cities import projects, plans and structures from the outside, but also how, increasingly, Gulf-originated initiatives disseminate to cities far afield. Brought together by noted scholars, sociologist Harvey Molotch and urban analyst Davide Ponzini, this timely volume adds to our understanding of the modern Arab metropolis—as well as of cities more generally. Gulf cities display development patterns that, however unanticipated in the standard paradigms of urban scholarship, now impact the world.

AP Chemistry - Theodore L. Brown 2004-05-03

Color and Colorimetry. Multidisciplinary Contributions - Maurizio Rossi 2012

Keynote Intermediate - Paul Dummett 2015-07-13 Through life-changing stories, respected thinkers and authentic presentations, Keynote promotes a deeper understanding of the world and gives students the courage and means to express themselves in English. Communication, collaboration and creative

thinking drive students towards real 21st century outcomes and encourage them to respond to ideas and find their own voice. Both students and teachers will emerge with new confidence, new ideas and a new determination to communicate in this increasingly information-rich world of Global English.

In Sicily - Elio Vittorini 1949

Housing and Dwelling - Barbara Miller Lane 2006-11-01 Housing and Dwelling collects the best in recent scholarly and philosophical writings that bear upon the history of domestic architecture in the nineteenth and twentieth centuries. Lane combines exemplary readings that focus on and examine the issues involved in the study of domestic architecture, taken from an innovative and informed combination of philosophy, history, social science, art, literature and architectural writings. Uniquely, the readings underline the point of view of the user of a dwelling and assess the impact of varying uses on the evolution of domestic architecture. This book is a valuable asset for students, scholars, and designers alike, exploring the extraordinary variety of methods, interpretations and source materials now available in this important field. For students, it opens windows on the many aspects of domestic architecture. For scholars, it introduces new, interdisciplinary points of view and suggests directions for further research. It acquaints practising architects in the field of housing design with history and methods and offers directions for future design possibilities.

Neurocapitalism - Giorgio Griziotti 2018-11-19 Technological change is ridden with conflicts, bifurcations and unexpected developments. Neurocapitalism takes us on an extraordinarily original journey through the effects that cutting-edge technology has on cultural, anthropological, socio-economic and political

dynamics. Today, neurocapitalism shapes the technological production of the commons, transforming them into tools for commercialization, automatic control, and crisis management. But all is not lost: in highlighting the growing role of General Intellect's autonomous and cooperative production through the development of the commons and alternative and antagonistic uses of new technologies, Giorgio Griziotti proposes new ideas for the organization of the multitudes of the new millennium.

Milano made in design - Aldo Colonetti 2006
Places, relationship networks on the territory, men, designers (inventors, entrepreneurs, craftsmen) and innovative objects representing the typical Milanese capability to generate creativity.These are the absolute protagonists of Milanomadeindesign, the book that deals with the best creativity in design as showed in the exhibition that the Province of Milan in collaboration with the Region of Lombardia has presented in New York, and collects the most interesting public and private institutions of the territory. The book lead is design knowledge perceived not only as narrow book-learning but as a broad sense of all the phases of the production process. The kind of learning that is not easily replicated the kind of learning coming from a communitys common knowledge of a particular tradition of entrepreneurial endeavour, artisanal practices, and a network of small and medium size enterprises. A complex system where the role of man, contributing with his own skills, his talent and work are fundamental.

Digital Economy Report 2019 - United Nations Publications 2019-10-18
The Digital Economy Report 2019 on "Value creation and capture: Implications for developing countries" takes stock of recent trends in the global digital landscape and discusses the development and

policy implications of data and digital platforms. A key feature of the evolving digital economy is the increasing role of digital data as an economic resource, together with digital platforms as new influential actors, with capacity to collect, process, analyze and monetize data. The report considers policy options for countries to help ensure that they capture a fair part of the value created in the digital economy for inclusive development. Key issues include the market impact of emerging technologies and digital platforms, the impact on smaller businesses in developing countries and the implications for infrastructure, entrepreneurship, skills, competition, data flows, data protection, taxation and other relevant policies.

RE-USA - Matteo Robiglio 2017 Based on best-practice examples in American cities such as Detroit, New York, or Pittsburgh, this book shows successful cases of adaptive reuse that preserve the legacy of the industrial past while turning it into a key ingredient for urban regeneration. An aquaponics farm in a former meatpacking facility or a freight train railroad converted into a linear park: these are just two successful examples of the creative and effective reuse of abandoned industrial infrastructure. Culture, leisure, sport, research, education, design, services, production, housing, and even agriculture regenerate former factory sites and upgrade cities economically and culturally. Eight steps guide the way through the process of adaptive reuse from choosing an existing site to the vision, design, and funding, and finally their implementation. Professionals, activists, decision-makers, as well as entrepreneurs and committed citizens worldwide are therefore provided with a practical toolkit to discovering the unused potential of their city.

Keynote - Paul Dummett 2016-05-13 Through life-changing stories, respected thinkers and authentic presentations,

Keynote promotes a deeper understanding of the world and gives students the courage and means to express themselves in English. Communication, collaboration and creative thinking drive students towards real 21st century outcomes and encourage them to respond to ideas and find their own voice. Both students and teachers will emerge with new confidence, new ideas and a new determination to communicate in this increasingly information-rich world of Global English.
Fundamentals of Physics, , Chapters 1 to 22 - David Halliday 1993-09-13

New Mechanical Topics - Gabriella Bernardini 2008

Territories in Crisis - Agim Enver Kercuku 2015-12-01 Europe's current crisis is also a crisis of the European city. The economic, social, and political insecurity has changed our perception of territories, institutions, and forms of living and has weakened the complex interactions within Europe dramatically. It also compromises the re-shaping of our physical landscape. However, the crisis is also bringing forth new opportunities—for urban transformation, new urban practices, and forms of participation.Based on case studies from Italy, France, Spain, Belgium, or Switzerland,Territories in Crisis reflects the countless challenges presented by the crisis from a historical, sociological, and economical perspective and sets them in relation to existing and potential forms of urbanity. The analysis results in proposals for new and functioning urban models, as well as tools and methods to cope with the changes. The aim of the publication is to develop a new European framework for architecture and urban planning in the era of crisis.
Plants That Kill - Elizabeth A. Dauncey 2018-03-06 "This richly illustrated book provides an in-depth natural history of the most poisonous plants on earth, covering

everything from the lethal effects of hemlock and deadly nightshade to the uses of such plants in medicine, ritual, and chemical warfare"--Dust jacket.

Materials Science and Engineering - William D. Callister 1991