

Angewandter Strassenbau Strassenfertiger Im Einsa

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Knowledge Socialism Michael A. Peters 2020-10-07 This is the first collection focusing on knowledge socialism, a particularly apt term used to describe a Chinese socialist mode of production and socialist approach to development and modernity based around the rise of peer production, new forms of collaboration and collective intelligence. Making the case for knowledge socialism, the book is intended for students, teacher, scholars and policy theorists in the field of knowledge economy.

Angewandter Straßenbau Marc Niggemann 2012-06-02 Anschaulich werden die verschiedenen Verfahrens- und Arbeitstechniken im Straßenbau erklärt. Der Schwerpunkt liegt dabei auf dem Einsatz von Straßenfertigern im Oberbau. Es wird systematisch beschrieben, worauf es bei der Planung und Durchführung eines Straßenbauprojektes ankommt. An zehn Beispielbaustellen wird mit handfesten Hinweisen und praktischen Tipps erklärt, wie der Oberbau einer Straße erstellt wird.□

Preventing Violent Radicalisation in Europe Patrizia Meringolo 2020-10-03 This book brings together the latest literature and European experiences on preventing youth violent radicalisation and violent actions in intergroup relations. Youth violent radicalisation is a significant problem within the European context, and requires an exploration of how various social actors can play an active role in preventing radicalisation in minors and young adults. This complex issue needs to be explored through a multidisciplinary approach, and effective operational models are needed in order to tackle it. This book describes the theoretical framework for such an approach in all its facets. The book's originality lies in its psychosocial and participatory approach, aimed at improving results through professional training and community empowerment for building trusting relationships and educational activities. It also proposes "alternative narratives", which are a way of representing people and groups within a social context, thereby overcoming stereotyped visions and

stigma. This book focuses on participation and communication among stakeholders, social inclusion, strengthening democratic values, and pursuing a proactive instead of a reactive approach to preventing radicalisation. Highly topical, the book will appeal to researchers and students of the social and behavioural sciences interested in youth radicalisation, including social work and social policy, as well as practitioners working within the juvenile justice system.

Ecohouse Sue Roaf 2007 As the need to slow climate change becomes increasingly urgent, growing numbers of people are looking to dramatically reduce the carbon footprint of their own buildings by using more ecologically sound techniques. Ecohouse provides design information about the latest low-impact materials and technologies, showcasing the newest and best 'green' solutions with international case studies demonstrating sustainable design in action around the world. This edition has been expanded to include advice on powering ecohouses using renewable energy - including wind, micro hydro and heat pumps - and an introduction to low-impact building materials such as lime, earth and hemp. New case studies from across the globe have been added to inspire readers with real-life examples of how to make an ecohouse work.

Numerical Methods in Structural Mechanics Zdeněk Bittnar 1996 A detailed presentation is offered of the fundamental equations in solid mechanics focusing on constitutive equations including quasibrittle materials. Details are provided on individual numerical algorithms, with a heavier emphasis placed on the understanding of basic principles.

The Palgrave Handbook of Corporate Sustainability in the Digital Era Seung Ho Park 2020-10-06 This handbook addresses the intersection between corporate sustainability and digital transformation. It analyzes the challenges and transformations required to be able to have sustainable businesses with a future orientation. Topics include current and potential social, demographic, technological, and managerial trends; the implications of the digital revolution in society and business; as well as the challenges of being sustainable, and profitable. Providing an understanding of the business reasons to incorporate a future orientation into the business strategy, this handbook facilitates an understanding of the need for profound changes in individual behavior, organizational culture, public policy, and business environments to adapt to the accelerated changes and manage business with orientation to the future.

Medical Social Work In Singapore: Context And Practice Geok Ling Lee 2020-09-17 Medical social work in Singapore traces its roots to the post-war period. This textbook documents the historical development and evolution of the medical social work profession in Singapore, as well as the specialist work done in the profession. The first part of the book gives an overview to the field in Singapore. It provides information which is considered as fundamental and core to medical social workers across the various medical or healthcare settings. The second part focuses on the selected practice areas and adopts an integral

approach to discuss theory and practice. This book is essential for social work students who wish to learn from a range of examples of good social work practice, presented from human developmental perspectives and in sufficient breadth to provide a reasonable overview of social work practice in health care. This book also provides added lens for medical, nursing and other allied health students and practitioners who wish to better understand their patients and families.

The Data Science Framework Juan J. Cuadrado-Gallego 2020-10-01 This edited book first consolidates the results of the EU-funded EDISON project (Education for Data Intensive Science to Open New science frontiers), which developed training material and information to assist educators, trainers, employers, and research infrastructure managers in identifying, recruiting and inspiring the data science professionals of the future. It then deepens the presentation of the information and knowledge gained to allow for easier assimilation by the reader. The contributed chapters are presented in sequence, each chapter picking up from the end point of the previous one. After the initial book and project overview, the chapters present the relevant data science competencies and body of knowledge, the model curriculum required to teach the required foundations, profiles of professionals in this domain, and use cases and applications. The text is supported with appendices on related process models. The book can be used to develop new courses in data science, evaluate existing modules and courses, draft job descriptions, and plan and design efficient data-intensive research teams across scientific disciplines.

Socially Responsible Investments Mario La Torre 2018-12-27 This Palgrave Pivot aims to build a bridge between corporate social responsibility (CSR) and sustainable finance in financial markets. It investigates classic CSR topics in the light of a modern conception of sustainability. The first part emphasizes four relevant topics in the CSR panorama of financial institutions: banks remuneration practices; human capital disclosure; the impact of environmental performance on banks, and finally, the institutional investors' attitude towards socially responsible investments (SRIs). The second part explores CSR practices within the financial markets and discusses risk-return profiles of SRI and non-SRI indexes in different time frames. It investigates whether thematic social responsible funds obtain different risk-return than traditional funds, and finally, assesses whether equity crowdfunding could foster social innovation. This book is aimed at scholars and students who are interested in social impact investing and practitioners involved in the social impact market.

Building in Value Rick Best 1999-08-27 The concept of value in projects is a key issue for everyone involved in the construction industry. Building in Value brings together many experts in the field to outline the wide range of tools, techniques and procedures that can and should be used to make the building procurement phase as efficient as possible. The authors go on to discuss how to ensure that future problems in the design and construction of the buildings are anticipated at the start and to minimise the likelihood of future hiccups. Integrating strategic, financial and construction management techniques, this

book provides an essential guide for construction professionals. *Offers a practical approach to cost-effectiveness.*Provides an introduction to a set of widely applicable decision making tools.*Discusses strategic, financial and construction management techniques.

Angewandter Straßenbau Marc Kappel 2016-01-25 Anschaulich werden die verschiedenen Verfahrens- und Arbeitstechniken im Straßenbau erklärt. Der Schwerpunkt liegt dabei auf dem Einsatz von Straßenfertigern im Oberbau. Es wird systematisch beschrieben, worauf es bei der Planung und Durchführung eines Straßenbauprojektes ankommt. An elf Beispielbaustellen wird mit handfesten Hinweisen und praktischen Tipps erklärt, wie der Oberbau einer Straße erstellt wird. Es werden zudem die theoretischen Grundlagen vermittelt sowie neueste Erkenntnisse der Forschung und Entwicklung vorgestellt.

Land Use and Climate Change Interactions in Central Vietnam Alexandra Nauditt 2017-06-30 This book summarizes the key findings of a five-year interdisciplinary research project funded by the German Federal Ministry of Research and Education (BMBF). It serves as a typical case study for a rapidly growing and developing urban center – Da Nang City, which is surrounded by remote areas characterized by increasing migration and limited development. A number of German and Vietnamese universities and international institutions participated in the project, contributing their particular expertise to assess the data-scarce region under study, two provinces in central Vietnam with a combined area of ca. 12,000 km².

The Pessimist's Guide to the Future Alex Marcham 2020-12-12 The Pessimist's Guide to the Future is a cynical and light-hearted journey through the future that awaits us all, guided by the sort of bleary-eyed degenerate you wouldn't want to make eye contact with at the pub, based on research conducted by inhaling diesel fumes with a recurring dream of eating custard in the bath. It contains adult humour consisting of swearing and vulgarity, often arranged into sentences. Have you ever wondered what the future will be like? Neither have most people who've got things to do, but one thing's for sure: it will be a wild and nonsensical place where up is down, left is right, and yogurt comes out of the shower. Never fear, however; The Pessimist's Guide to the Future is your ticket to some sort of fear-induced brain haemorrhage due to its amazing facts about every aspect of the future. Learn about vital future topics for our future survival on this ant-filled space orb we call a planet, such as: - Health and Humanity - Covering topics such as bodily and mental health, sex, marriage, dating and the sweet embrace of death. - Technology - Expounding on the many virtues and pitfalls of the future of technology, such as the next bleeping, irritating gadget. - Professional Life - A journey through the world of engineers, managers, doctors, lawyers and everyone else still pretending to work. - Society - How will important things such as politics, bullying, and moving house look in the future? I don't know, but I wrote it anyway. - The World - Climate change, international relations and war will dominate the headlines of the future, and also this section of the book. - Culture - Our future lives will be shaped by our shared cultural exploits from television to

art, and anything slightly pretentious in between.

Sustainability in America's Cities Matt Slavin 2013-02-22 "Sustainability" is more than the latest "green" buzzword. It represents a new way of viewing the interactions of human society and the natural world. *Sustainability in America's Cities* highlights how America's largest cities are acting to develop sustainable solutions to conflicts between development and environment. As sustainability rises to the top of public policy agendas in American cities, it is also emerging as a new discipline in colleges and universities. Specifically designed for these educational programs, this is the first book to provide empirically based, multi-disciplinary case studies of sustainability policy, planning, and practice in action. It is also valuable for everyone who designs and implements sustainability initiatives, including policy makers, public sector and non-profit practitioners, and consultants. *Sustainability in America's Cities* brings together academic and practicing professionals to offer firsthand insight into innovative strategies that cities have adopted in renewable energy and energy efficiency, climate change, green building, clean-tech and green jobs, transportation and infrastructure, urban forestry and sustainable food production. Case studies examine sustainability initiatives in a wide range of American cities, including San Francisco, Honolulu, Philadelphia, Phoenix, Milwaukee, New York City, Portland, Oregon and Washington D.C. The concluding chapter ties together the empirical evidence and recounts lessons learned for sustainability planning and policy.

Affective Movements, Methods and Pedagogies Anne Harris 2020-12-10 *Affective Movements, Methods and Pedagogies* invites readers to think with affect about performance, pedagogies and their inherent activist, embodied and collective natures. It works across multiple spheres to help readers understand how to deploy affective approaches rather than to simply think with affect theory about traditional methods. The book is structured and curated across three main thematic sections: affective movements, methods and pedagogies, each of which treats the core explorations of affect and performance through a different perspective. It is concerned with the ways performance and theatrical methods work with and through a theoretics of affect. The sixteen chapters include work that models theoretical practices in writing, and demonstrates how theorising affect and its methods is itself a performative practice. The contributors offer rich examples from diverse geopolitical as well as disciplinary contexts, innovative methods, and finally, intersectional theoretics. This collection will be of interest to higher education students exploring methodologies, and academic researchers and teachers in the fields of performance studies, communication, critical studies, sociology and the arts.

The Inclusion of Women in STEM in Kuwait and the United States The Kuwait Foundation for the Advancement of Sciences 2020-10-08 Women in the United States and Kuwait have made advances as researchers and leaders in science, engineering, and medical disciplines, yet challenges and barriers remain to enter and advance in these fields in both countries. Building on recent collaborations, the National Academies of Sciences, Engineering, and Medicine

and the Kuwait Foundation for the Advancement of Sciences agreed on convening two workshops to identify evidence-based practices and resources for improving the inclusion of women as full participants in science, technology, engineering, and mathematics. This publication summarizes the presentations and discussion from the first workshop, held October 28-29, 2019, in Washington, D.C.

Red & Green Quilts That Patchwork Place 2020-11-02 The pairing of red and green is an enduring palette that takes its place among the classics. Centuries ago, red-and-green quilts commemorated a marriage or a woman's transition to the empty-nest stage at home. Times have changed, but admiration for the color combination remains strong. Use modern-day techniques to create 14 timeless quilts from the spectacular designers whose work you know and love. Susan Ache · Lissa Alexander · Lisa Bongean · Pam Buda · Betsy Chutchian · Carol Hopkins · Sheryl Johnson · Sandy Klop · Jo Morton · Laurie Simpson · Edyta Sitar · Karen Styles · Corey Yoder · Paula Barnes & Mary Ellen Robison

Norton Guide to Teaching Music History Matthew Balensuela 2019 The ultimate resource for teaching any music history course

Breaking Barriers in United States-Russia Relations Philip D Stewart 2020-09-10 The first meeting of what would come to be known as the Dartmouth Conference took place in 1960 at the height of the Cold War between the United States and the former Soviet Union. Despite the volatile stand-off between the two superpowers, the meeting of citizens from both countries was held with the explicit support of both President Dwight D. Eisenhower and Soviet Chairman Nikita Khrushchev. Sixty years later, the Dartmouth Conference is established as the longest continuous bilateral dialogue between citizens of the Soviet Union/Russia and the United States. Over the course of six decades, the Dartmouth Conference has brought together leading citizens from the two countries to candidly discuss a full range of issues affecting the US-Russia relationship, from political and economic considerations to arms control and the role of the two countries in regional conflicts. Philip Stewart has participated in 120 of the 148 sessions of the Dartmouth Conference. In this book, he recounts how the Dartmouth talks have expanded international policy options, weathered world crises, and evolved into an ambitious exploration of how relations between civil societies in the United States and Russia might help build a more peaceful world.

Fair Wealth Annual Report 2019 Fair Wealth Project Group 2020-10-03 This book aims to bring the insights gained through this process to the public. It not only promotes the idea of fair wealth itself but also to gives a holistic view on how Chinese based companies are doing regarding various aspects of Fair Wealth. It also explains the theory foundation, methodology and rating system to help people better understand the evaluation system itself.

Sidesaddles and Geysers rk Mark Miller 2020-11-30 This anthology of first person-accounts by women who toured Yellowstone Park more than a century ago

includes tales of high adventure, raucous humor, and glorious sights of the late nineteenth and early twentieth centuries. Including a wide range of stories by women who visited from all over the world and at all ages, these accounts reveal their wonder at the interior of the park, the weeks they traveled on horseback through the roadless wilderness, and the later luxuries of well-maintained roads, comfortable carriages, and fancy hotels.

Predicting Outdoor Sound Keith Attenborough 2021-03-03 The second edition of Predicting Outdoor Sound is an up-to-date reference on the propagation of sound close to the ground and its prediction. New content includes comparisons between predictions and data for road traffic, railway and wind turbine noise; descriptions of source characteristics in the HARMONOISE model; propagation over rough seas, parallel low walls, and lattices; outlines of numerical methods; gabion (caged stones) and sonic crystal noise barriers; meteorological effects on noise barrier performance; and the prediction requirements for auralization. The book brings together relevant theories, prediction schemes, and data, thereby providing a basis for determining what model or scheme might be applicable for any situation. It also offers a background on useful analytical approximations and the restrictions, as well as difficulties and limitations associated with engineering prediction schemes. The text should be of considerable interest to researchers in outdoor sound propagation and, more generally, it should provide a comprehensive primer on the topic for lecturers, consultants and students in acoustics and noise control.

Advances in Environment, Behavior, and Design Ervin H. Zube 1987 This second volume in the Advances in Environment, Behavior, and Design series follows the pattern of Volume 1. It is organized into six sections user group research, consisting of advances in theory, place research, sociobehavioral research, research and design methods, and research utilization. The authors of the chapters in this volume represent a range of disciplines, including architecture, geography, psychology, social ecology, and urban planning. They also offer international perspectives: Tommy Garling from Sweden, Graeme Hardie from South Africa (recently relocated to North Carolina), Gerhard Kaminski from the Federal Republic of Germany, and Roderick Lawrence from Switzerland (formerly from Australia). Although most chapters address topics or issues that are likely to be familiar to readers (environmental perception and cognition, facility programming, and environmental evaluation), four chapters address what the editors perceive to be new topics for environment, behavior, and design research. Herbert Schroeder reports on advances in research on urban forestry. For most of us the term forest probably conjures up visions of dense woodlands in rural or wild settings. Nevertheless, in many parts of the country, urban areas have higher densities of tree coverage than can be found in surrounding rural landscapes. Schroeder reviews research that addresses the perceived and actual benefits and costs associated with these urban forests.

25 Ways to Crush the Serpent Tan Books 2020-07-20 From the very first pages of Scripture, we see the presence of the evil one, working his malice to separate man from God. In imitation of Christ, we all must contend against the devil,

the "serpent" who seeks our destruction. This little booklet will give you the tools to enter into and win that battle . . . with God's grace. Compiled from the writings of Dom Lorenzo Scupoli, St. Robert Bellarmine, and St. Alphonsus Liguori, *25 Ways to Crush the Serpent* also includes prayers and excerpts from the *Missale Romanum* and other traditional sources. These "25 Ways" will provide fresh insights and encouragement to help you in your own struggle against sin. Most importantly, the wisdom found in these pages will help you to remember that God is all-powerful, that he has already won the battle for you, and that he will never fail you. If we are to be saints, this is a battle we all must fight. Read this book, meditate upon the wisdom found within, and act! Crush the serpent!

Green BIM Eddy Krygiel 2008-04-28 Meet the challenge of integrating Building Information Modeling and sustainability with this in-depth guide, which pairs these two revolutionary movements to create environmentally friendly design through a streamlined process. Written by an award-winning team that has gone beyond theory to lead the implementation of Green BIM projects, this comprehensive reference features practical strategies, techniques, and real-world expertise so that you can create sustainable BIM projects, no matter what their scale.

Artificial Intelligence Tencent Research Institute 2021-10-16 This book begins with the past and present of the subversive technology of artificial intelligence, clearly analyzes the overall picture, latest developments and development trends of the artificial intelligence industry, and conducts in-depth research on the competitive situation of various countries. The book also provides an in-depth analysis of the opportunities and challenges that artificial intelligence brings to individuals, businesses, and society. For readers who want to fully understand artificial intelligence, this book provides an important reference and is a must-read.

Social Responsibility and Corporate Governance Matjaž Mulej 2020-10-03 Connecting Corporate Social Responsibility (CSR) with Corporate Governance (CG) is a 21st Century challenge. This edited volume illustrates that CSR can be used as a tool to improve Corporate Governance in organizations and improve the relationship between business and society. Moreover the book argues that they should be treated together in synergy in management literature. This two volume work connects these two crucial business functions, describing the preconditions for successful integration and the tools for practical implementation. Volume 2 puts forward eight recommendations for practice. Contributors put forward research and implications for policy and practice including coverage of knowledge management strategy, socially responsible banking operations and transparency procedures in the context of emerging economies.

Social Innovation and Social Technology Kamel Boussafi 2020-10-07 This proceedings book is of interest to all researchers and heads of technology laboratories; incubator managers; local and parliamentary elected officials;

associations and civil society; social entrepreneurs; foundations interested in social life in Mediterranean region and prospective creative startup students. The purpose of book on social and social-tech innovation synergy and its practical implication on social entrepreneurship is to address the following question: - How can the experiences of the countries be combined of the north and south shores of the Mediterranean and reflect on the different opportunities offered by the new technology to cope with the various social scourges that the region has experienced in recent years? the problem of immigration. It is also about finding advanced technology applications that will solve, on a large scale, the major social challenges of our time. - How to exploit the innumerable synergies between digital and social entrepreneurship? - Why social entrepreneurs are struggling to seize digital tools to develop their socially innovative projects? - What about their ability to integrate digital into the realization and development of these projects? - How can we combine the experiences of the countries of the north and south shores of the Mediterranean and reflect on the different opportunities offered by the new technology to cope with the various social scourges that the region has experienced in recent years? the problem of immigration.

Angewandter Straßenbau Marc Kappel 2020-08-04 Anschaulich werden die verschiedenen Verfahrens- und Arbeitstechniken im Straßenbau erklärt. Der Schwerpunkt liegt dabei auf dem Einsatz von Straßenfertigern im Oberbau. Es wird systematisch beschrieben, worauf es bei der Planung und Durchführung eines Straßenbauprojektes ankommt. An elf Beispielbaustellen wird mit handfesten Hinweisen und praktischen Tipps erklärt, wie der Oberbau einer Straße erstellt wird. Es werden zudem die theoretischen Grundlagen vermittelt sowie neueste Erkenntnisse der Forschung und Entwicklung vorgestellt. Dabei stehen vor allem die zunehmende Digitalisierung im Straßenbau, der Einfluss von Industrie 4.0 und BIM im Vordergrund.

Coupled System Pavement - Tire - Vehicle Michael Kaliske 2021-07-02 This book summarizes research being pursued within the Research Unit FOR 2089, funded by the German Research Foundation (DFG), the goal of which is to develop the scientific base for a paradigm shift towards dimensioning, structural realization and maintenance of pavements, and prepare road infrastructure for future requirements. It provides a coupled thermo-mechanical model for a holistic physical analysis of the pavement-tire-vehicle system: based on this model, pavement structures and materials can be optimized so that new demands become compatible with the main goal – durability of the structures and the materials. The development of these new and qualitatively improved modelling approaches requires a holistic procedure through the coupling of theoretical numerical and experimental approaches as well as an interdisciplinary and closely linked handling of the coupled pavement-tire-vehicle system. This interdisciplinary research provides a deeper understanding of the physics of the full system through complex, coupled simulation approaches and progress in terms of improved and, therefore, more durable and sustainable structures.

Cross-curricular Activities Hana Svecova 2004-01-15 Lots of hands-on

activities. Easily accessible resources. Can be used between elementary and intermediate levels. Aimed at higher primary and secondary.

Das Grosse Duden-Lexikon in acht Bänden Adolf Hanle 1964

Operative Planung des Recyclings von Eisenhüttenschlacken Christoph Meyer 2019-05-07 Eisenhüttenschlacken können als wesentliche Kuppelprodukte der Eisen- und Stahlerzeugung durch verschiedene Recyclingalternativen zur Herstellung einer Vielzahl von Sekundärrohstoffen eingesetzt werden. Christoph Meyer konzipiert einen neuartigen Planungsansatz, der das betriebswirtschaftlich optimale Recycling von Eisenhüttenschlacken unter Berücksichtigung der einschlägigen technischen, wirtschaftlichen und ökologischen Rahmenbedingungen ermöglicht. Das entwickelte Entscheidungsmodell verbindet die Vorteile verfahrenstechnischer Flowsheet-Simulationen mit einer betriebswirtschaftlichen Aktivitätsanalyse und wird im Rahmen einer praxisnahen Fallstudie angewendet.

M-Boldened Caroline Harris 2020-10-09 It's time to change the global menopause conversation. Let's stop talking just in terms of the stereotyped sweaty, hot-flush beleaguered female, the infertile crone or the wise woman – the reality of the menopause experience is so diverse and deserves to be heard. M-Boldened: Menopause Conversations We All Need to Have is a book about menopause unlike any other. Its contributors, speaking from many different walks of life, open up the conversation in new and profound ways for people across the globe. Recognising menopause as a human rights issue that affects everyone everywhere, these 21 chapters cover an astounding range of perspectives, from harrowing experiences of surgical menopause, the impact on relationships and hormonal realities of transitioning, to revelations of shocking neglect in the UK criminal justice system and compelling chapters on menopause as a time of activism, rage, reawakening, transformation and realising your own power. The honesty, intimacy and passion shared in these pages will make you see menopause in a whole new light. Each chapter shapes a much-needed courageous conversation about how we can and should view menopause and midlife. Read on to be part of the new conversation.

Contemporary Trends in Local Governance Carlos Nunes Silva 2020-10-07 This book addresses and explores recent trends in the field of local and urban governance. It focuses on three domains: institutional reforms in local government; inter-municipal cooperation; and citizen participation in local governance. In the last decades, in different regions of the world, there is ample evidence that sub-national government, in particular the field of local governance, is in a permanent state of change and reflux, although with differences that reflect national particularities. Since these institutional changes have an impact in the local policy process, in the delivery of public services, in the local democracy, and in the quality of life, it is mandatory to monitor these continued institutional changes, to learn and develop with these changes, if possible before these experiences are transferred and replicated in other countries. The editor and contributors address issues of

interest for a wide audience, comprising of students and researchers in various disciplines, and policy makers at both national and sub-national tiers of government.

Business Ethics and Rational Corporate Policies Konstantinos Mantzaris

2020-10-02 This book is about providing a comprehensive framework for understanding business ethics and corporate governance. As internal doubts persist on whether an individual adheres to business ethics and corporate policies, readers need to utilize this book in order to develop moral reasoning by demonstrating the moral entity consideration principle. This is vital in terms of coping with an internationalized business environment where human resources must adhere to multidimensional and demanding policies, while attempting to develop their mindset capacity of ethical thinking. This book is about providing a comprehensive framework for understanding business ethics and corporate governance, by analyzing the moral aspects of a plethora of challenges regarding human resources management, policy making, corporate responsibility, code of conduct, agency theory, workforce planning, information systems, and employment relationship.

Self-Healing and Self-Recovering Hydrogels Costantino Creton 2020-10-07 This volume covers experimental and theoretical advances on the relationship between composition, structure and macroscopic mechanical properties of novel hydrogels containing dynamic bonds. The chapters of this volume focus on the control of the mechanical properties of several recently discovered gels with the design of monomer composition, chain architecture, type of crosslinking or internal structure. The gels discussed in the different chapters have in common the capability to dissipate energy upon deformation, a desired property for mechanical toughness, while retaining the ability to recover the properties of the virgin material over time or to self-heal when put back in contact after fracture. Some chapters focus on the synthesis and structural aspects while others focus on properties or modelling at the continuum or mesoscopic scale. The volume will be of interest to chemists and material scientists by providing guidelines and general structure-property considerations to synthesize and develop innovative gels tuned for applications. In addition it will provide physicists with a better understanding of the role of weak interactions between molecules and physical crosslinking on macroscopic dissipative properties and self-healing or self-recovering properties.

Life-Cycle Decisions for Biomedical Data National Academies of Sciences, Engineering, and Medicine 2020-09-04 Biomedical research results in the collection and storage of increasingly large and complex data sets. Preserving those data so that they are discoverable, accessible, and interpretable accelerates scientific discovery and improves health outcomes, but requires that researchers, data curators, and data archivists consider the long-term disposition of data and the costs of preserving, archiving, and promoting access to them. *Life Cycle Decisions for Biomedical Data* examines and assesses approaches and considerations for forecasting costs for preserving, archiving, and promoting access to biomedical research data. This report provides a

comprehensive conceptual framework for cost-effective decision making that encourages data accessibility and reuse for researchers, data managers, data archivists, data scientists, and institutions that support platforms that enable biomedical research data preservation, discoverability, and use.

Learning mobility and non-formal learning in European contexts: Policies, approaches and examples Günter J.Friesenhahn, Hanjo Schild, Hans-Georg Wicke, Judit Balogh 2014-01-01 Mobility is considered to be important for the personal development and employability of young people, as well as for intercultural dialogue, participation and active citizenship. Learning mobility in the youth field focuses on non-formal learning as a relevant part of youth work, with links to informal learning as well as to formal education. Different stakeholders at European level, particularly the Council of Europe and the European Commission, but also individual member states, foster programmes and strategies to enhance the mobility of young people, and particularly the learning dimension in mobility schemes. This book on learning mobility is a joint Council of Europe and European Commission publication, and provides texts of an academic, scientific, political and practical nature for all stakeholders in the youth field - youth leaders and youth workers, policy makers, researchers and so on. It should contribute to dialogue and co-operation between relevant players and to discussion on the further development and purpose of youth mobility schemes and their outcomes for young people.

Manipulating Quantum Systems National Academies of Sciences, Engineering, and Medicine 2020-09-14 The field of atomic, molecular, and optical (AMO) science underpins many technologies and continues to progress at an exciting pace for both scientific discoveries and technological innovations. AMO physics studies the fundamental building blocks of functioning matter to help advance the understanding of the universe. It is a foundational discipline within the physical sciences, relating to atoms and their constituents, to molecules, and to light at the quantum level. AMO physics combines fundamental research with practical application, coupling fundamental scientific discovery to rapidly evolving technological advances, innovation and commercialization. Due to the wide-reaching intellectual, societal, and economical impact of AMO, it is important to review recent advances and future opportunities in AMO physics. *Manipulating Quantum Systems: An Assessment of Atomic, Molecular, and Optical Physics in the United States* assesses opportunities in AMO science and technology over the coming decade. Key topics in this report include tools made of light; emerging phenomena from few- to many-body systems; the foundations of quantum information science and technologies; quantum dynamics in the time and frequency domains; precision and the nature of the universe, and the broader impact of AMO science.