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Operations Research: 1934-1941," 35, 1, 143-152; "British The goal of the Encyclopedia of Operations Research and Operational Research in World War II," 35, 3, 453-470; Management Science is to provide to decision makers and "U. S. Operations Research in World War II," 35, 6, 910-925; problem solvers in business, industry, government and and the 1984 article by Harold Lardner that appeared in academia a comprehensive overview of the wide range of Operations Research: "The Origin of Operational Research," ideas, methodologies, and synergistic forces that combine to 32, 2, 465-475. form the preeminent decision-aiding fields of operations re search and management science (OR/MS). To this end, we The Encyclopedia contains no entries that define the fields enlisted a distinguished international group of academics of operations research and management science. OR and MS and practitioners to contribute articles on subjects for are often equated to one another. If one defines them by the which they are renowned. methodologies they employ, the equation would probably The editors, working with the Encyclopedia's Editorial stand inspection. If one defines them by their historical Advisory Board, surveyed and divided OR/MS into specific developments and the classes of problems they encompass, topics that collectively encompass the foundations, applica the equation becomes fuzzy. The formalism OR grew out of tions, and emerging elements of this ever-changing field. We the operational problems of the British and U. s. military also wanted to establish the close associations that OR/MS efforts in World War II.

Progressive-era "poverty warriors" cast poverty in America as a problem of unemployment, low wages, labor exploitation, and political disfranchisement. In the 1990s, policy specialists made "dependency" the issue and crafted incentives to get people off welfare. Poverty Knowledge gives the first comprehensive historical account of the thinking behind these very different views of "the poverty problem," in a century-spanning inquiry into the politics, institutions, ideologies, and social science that shaped poverty research and policy. Alice O'Connor chronicles a transformation in the study of poverty, from a reform-minded inquiry into the political economy of industrial capitalism to a detached, highly technical analysis of the demographic and behavioral characteristics of the poor. Along the way, she uncovers the origins of several controversial concepts, including the "culture of poverty" and the "underclass." She shows how such notions emerged not only from trends within the social sciences, but from the central preoccupations of twentieth-century American liberalism: economic growth, the Cold War against communism, the changing fortunes of the welfare state, and the enduring racial divide. The book details important changes in the politics and organization as well as the substance of poverty knowledge. Tracing the genesis of a still-thriving poverty research industry from its roots in the War on Poverty, it demonstrates how research agendas were subsequently influenced by an emerging obsession with welfare reform. Over the course of the twentieth century, O'Connor shows, the study of poverty became more about altering individual behavior and less about addressing structural inequality. The consequences of this steady narrowing of focus came to the fore in the 1990s, when the nation's leading poverty experts helped to end "welfare as we know it." O'Connor shows just how far they had traveled from their field's original aims.

The Divided Mind of American Liberalism reveals the crisis at the heart of modern American liberalism. James Hurtgen's historical narrative traces the liberal movement through three periods of reform: the progressive movement, the New Deal, and the Great Society. Drawing on the views of political activists, presidents, and theorists the work examines the tensions that resulted in the ideological disunion--based on deep and lasting divisions over the desirability of centralized political power--of the communitarian "decentralists" and individualist "modernist" wings of the liberal movement. It documents how a "modernist" willingness to accept properly reformed, nationally exercised power held sway through much of the century only to be supplanted in the sixties and early seventies by "decentralists," champions of local government as the ideal political unit. This superb study demonstrates the central role liberalism has played in modern American political development and lays bare a liberal movement thrown into crisis by competing theories of social order.

Appraisal and Evaluation in Central Government : Treasury Guidance
Bodily Memory and the Gendered Aesthetics of Belonging
New Haven and Community Power Reexamined
Clinical Drug Therapy for Canadian Practice
Handbook of Energy Audits
Proceedings of the Thirty-Second Colloquium, 1984

An International Review Series Devoted to Proteins and Related Studies, Volume 32: Protides of the Biological Fluids documents the proceedings of the 32nd Colloquium held in 1984. This compilation is organized into three parts. Part I begins with an introduction to the defense mechanism of immunoglobulins, followed by a description of enzymes and proteins, such as lactoperoxidase and lactoferrin. The secretions that include CSF, colostrum, milk, female and male genital secretions, saliva, gastrointestinal juice, nasal and bronchoalveolar secretions, tears and synovial fluid are also elaborated. The tumor markers, which include ferritin, CEA, and TPA are dealt with in Part II. The immunotoxins, tumor imaging, and lymphoid malignancies are also covered. Part III is devoted to the advances in the separation of protides, including the staining procedure for protein detection, two-dimensional electrophoresis, and HPLC and affinity chromatography. This book is valuable to biology students and clinicians of disciplines related to advances in the protein field.

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Tensor network is a fundamental mathematical tool with a huge range of applications in physics, such as condensed matter physics, statistic physics, high energy physics, and quantum information sciences. This open access book aims to explain the tensor network contraction approaches in a systematic way, from the basic definitions to the important applications. This book is also useful to those who apply tensor networks in areas beyond physics, such as machine learning and the big-data analysis. Tensor network originates from the numerical renormalization group approach proposed by K.G. Wilson in 1975. Through a rapid development in the last two decades, tensor network has become a powerful numerical tool that can efficiently simulate a wide range of scientific problems, with particular success in quantum many-body physics. Varieties of tensor network algorithms have been proposed for different problems. However, the connections among different algorithms are not well discussed or reviewed. To fill this gap, this book explains the fundamental concepts and basic ideas that connect and/or unify different strategies of the tensor network contraction algorithms. In addition, some of the recent progresses in dealing with tensor decomposition techniques and quantum simulations are also represented in this book to help the readers to better understand tensor network. This open access book is intended for graduated students, but can also be used as a professional book for researchers in the related fields. To understand most of the contents in the book, only basic knowledge of quantum mechanics and linear algebra is required. In order to fully understand some advanced parts, the reader will need to be familiar with notion of condensed matter physics and quantum information, that however are not necessary to understand the main parts of the book. This book is a good source for non-specialists on quantum physics to understand tensor network algorithms and the related mathematics.

Women's Lived Landscapes of War and Liberation in Mozambique
The Council of Economic Advisers
Canadian Education
Poverty Knowledge
Human and Organizational Factors in Nuclear Safety
Proceedings and Debates of the ... Congress

This book focuses on the intersections between Catholic schools and public education reforms.

Explores how both governments and the private sector can expand the role of markets to allocate water used by all sectors and to get agricultural producers to account for the pollution that their sector generates.

Robert A. Dahl's Who Governs? is a classic pluralist study which has had an important influence on American social science since the early sixties. Who Really Rules? provides a categorical challenge--empirical, methodological, and theoretical--to Dahl's work. Empirically, Domhoff's restudy of New Haven shows through newly discovered documents that Dahl was wrong about the pluralism of New Haven's power structure. He also presents the most systematic statement of power structure methodology yet made, a statement that contradicts Dahl's methodological claims which have been the prevailing wisdom in American social science for over fifteen years. Finally, Domhoff outlines the national policy planning network through which the big business ruling class dominates urban government. Who Really Rules? is unique in that it makes possible for the first time a dialogue between pluralist and ruling-class views on the basis of studies of the same city by leading exponents of the rival theoretical positions. It is original in that it includes much data not revealed by Dahl. It presents the methodology of power structure research in the most comprehensive fashion yet attempted, and reveals a ruling-class network for urban policy planning that has never before been fully articulated.

The Management Body of Knowledge
The President And The Council Of Economic Advisors
The Green Book
The Annals of the American Academy of Political and Social Science
Selected Works
A Guide for System Life Cycle Processes and Activities

The brain is the most complex organ in our body. Indeed, it is perhaps the most complex structure we have ever encountered in nature. Both structurally and functionally, there are many peculiarities that differentiate the brain from all other organs. The brain is our connection to the world around us and by governing nervous system and higher function, any disturbance induces severe neurological and psychiatric disorders that can have a devastating effect on quality of life. Our understanding of the physiology and biochemistry of the br two decades. In particular, the critical role of cations, including magnesium, has become evident, even if incompletely understood at a mechanistic level. The exact role and regulation of magnesium, in particular, remains elusive, largely because intracellular levels are so difficult to routinely quantify. Nonetheless, the importance of magnesium to normal central nervous system activity is self-evident given the complicated homeostatic mechanisms that maintain the concentration of this cation within strict limits essential for normal physiol considerable accumulating evidence to suggest alterations to some brain functions in both normal and pathological conditions may be linked to alterations in local magnesium concentration. This book, containing chapters written by some of the foremost experts in the field of magnesium research, brings together the latest in experimental and clinical magnesium research as it relates to the central nervous system. It offers a complete and updated view of magnesiums involvement in central nervous system function and in so doing, bring neuroscience research, namely providing an explanation for the molecular mechanisms involved in brain function, and emphasizing the connections between the molecular changes and behavior. It is the untiring efforts of those magnesium researchers who have dedicated their lives to unraveling the mysteries of magnesiums role in biological systems that has inspired the collation of this volume of work.

This book tells the history of the changing gendered landscapes of northern Mozambique from the perspective of women who fought in the armed struggle for national independence, diverting from the often-told narrative of women in nationalist wars that emphasizes a linear plot of liberation. Taking a novel approach in focusing on the body, senses, and landscape, Jonna Katto, through a study of the women ex-combatants' lived landscapes, shows how their life trajectories unfold as nonlinear spatial histories. This brings into focus the negotiations for personal space and belonging. This book explores the life memories of the now aging female ex-combatants in the province of Niassa in northern Mozambique, looking at how the female ex-combatants' experiences of living in these northern landscapes have shaped their sense of socio-spatial belonging and attachment. It builds on the premise that individual embodied memory cannot be separated from social memory; personal lives are culturally shaped. Thus, the book does not only tell the history of a small and rath about wider cultural histories of body-landscape relations in northern Mozambique and especially changes in those relations. Enriching our understanding of the gendered history of the liberation struggle in Mozambique and informing broader discussions on gender and nationalism, this book will be of interest to students and scholars of African history, especially the colonial and postcolonial history of Lusophone Africa, as well as gender/women's history and peace and conflict studies.

This book discusses the specifics of safety regulations regarding nuclear risk and how experts contribute to the safety of nuclear installations. Drawing on research conducted in collaboration with the French Institute for Radiological Protection and Nuclear Safety (IRSN), the ideas that are put forward rely on a review of the practices of specialists in human and organizational factors concerning nuclear safety. The author shows that the French approach depends on maintaining a technical dialogue between the regulatory authority (ASN method of risk management is known as "French cooking" in the Anglo-Saxon world, where a more formal regulatory approach is taken. This technical dialogue does however hold certain benefits, particularly in the field of human and organizational factors, where it allows an advancement of the state of knowledge, which remains incomplete. After the Fukushima accident, in the face of an ongoing European and global re-evaluation of the safety of nuclear power and alignment towards the Anglo-Saxon standard, the French cooking ap significant contribution. This work will be of interest to all involved in nuclear power engineering and in the field of risk management and nuclear safety. Includes a preface by Jacques Repussard, Director General, IRSN, France, and a postface by Erik Hollnagel, Professor, Institute of Regional Health Research, University of Southern Denmark / Chief Consultant, Centre for Quality, Region of Southern Denmark.

Congressional Record
Encyclopedia of Operations Research and Management Science
Methods and Applications to Quantum Many-Body Systems
The Implications of Cost-effectiveness Analysis of Medical Technology
Contaminants and the Soil Environment in the Australasia-Pacific Region
Nursing Care Plans - E-Book

A comprehensive, practical reference on energy auditing in buildings and industry, this book provides all the information required to establish an energy audit program. Loaded with forms, checklists and handy working aids, the book is a must for anyone implementing an energy audit. Completely updated, the sixth edition reflects the technologies and software available to fine-tune the audit process. It covers accounting procedures, rate of return, analysis and software programs, evaluation tools for audit recommendations, and technologies for electrical, mechanical, and building systems in detail. There are also new case studies on an energy retrofit program and energy assessment using FEDS.

Francis BACON, in his Novum Organum, Robert BOYLE, in his Skeptical Chemist and René DESCARTES, in his Discourse on Method; all of these men were witnesses to the th scientific revolution, which, in the 17 century, began to awaken the western world from a long sleep. In each of these works, the author emphasizes the role of the experimental method in exploring the laws of Nature, that is to say, the way in which an experiment is designed, implemented according to tried and tested te- niques, and used as a basis for drawing conclusions that are based only on results, with their margins of error, taking into account contemporary traditions and prejudices. Two centuries later, Claude BERNARD, in his Introduction to the Study of Experimental Medicine, made a passionate plea for the application of the experimental method when studying the functions of living beings. Twenty-first century Biology, which has been fertilized by highly sophisticated techniques inherited from Physics and Chemistry, blessed with a constantly increasing expertise in the manipulation of the genome, initiated into the mysteries of information techn- ogy, and enriched with the ever-growing fund of basic knowledge, at times appears to have forgotten its roots.

Interviews with ten former chairmen of the Council of Economic Advisers--from the Truman to the Carter administrations--are gathered in this book to examine the relationship between economic advisers and the president and the institutional relationships among the CEA, executive departments, and federal financial agencies. The interviews also reconstruct major presidential decisions since the establishment of the CEA, such as the 1964 tax cut, the 1971 wage and price freeze, and presidential strategies for managing inflation and recession. In a preface to each interview, the editors analyze the conditions for CEA effectiveness, look at how well the advice of the Council has conformed to the presidential world view, and pinpoint the distribution of responsibility for policy analysis and advice within successive administrations.

Sustainability, Markets and Policies
Interviews With Cea Chairmen
World Agriculture
Ely Energy Center Project
Journal of Cooperative Education
Year Book of Vascular Surgery 2013

Learn to think like a nurse with the bestselling nursing care planning book on the market! Covering the most common medical-surgical nursing diagnoses and clinical problems seen in adults, Nursing Care Plans: Diagnoses, Interventions, and Outcomes, 9th Edition contains 217 care plans, each reflecting the latest best practice guidelines. This new edition specifically features three new care plans, two expanded care plans, updated content and language reflecting the most current clinical practice and professional standards, enhanced QSEN integration, a new emphasis on interprofessional collaborative practice, an improved page design, and more. It's everything you need to create and customize effective nursing care plans! 217 total care plans provide more care plans than any other book. Prioritized care planning guidance internally organizes care plans from "actual" to "risk" diagnoses, from general to specific interventions, and from independent to collaborative/interprofessional interventions, to help you select the most important, priority interventions for your particular patients. Introductory chapter explains the components of nursing care plans, NANDA-I nursing diagnoses, the NIC and NOC systems, and how to create nursing care plans. Latest NANDA-I taxonomy is integrated throughout to incorporate the very latest NANDA-I nursing diagnoses, related factors, and defining characteristics. Latest NIC and NOC labels ensure you are made aware of appropriate interventions and outcomes. 70 nursing diagnosis care plans include the most common/important NANDA-I nursing diagnoses, providing the building blocks for you to create your own individualized care plans. 150 disorders care plans cover virtually every common medical-surgical condition, organized by body system. Health promotion and risk factor management care plans emphasize the importance of preventive care and teaching for self-management. Basic nursing concepts care plans focuses on concepts that apply to disorders found in multiple body systems. Nursing diagnosis care plan format includes a definition/explanation of the diagnosis, related factors, defining characteristics, expected outcomes, related NOC Outcomes and NIC Interventions, ongoing assessment, and therapeutic interventions. Disorders care plan format covers synonyms for the disorder (for ease in cross referencing), a definition, common related factors, defining characteristics, expected outcomes, NOC Outcomes and NIC Interventions, ongoing assessment, and therapeutic interventions for each relevant nursing diagnosis. Independent and collaborative/interprofessional interventions are highlighted by special icons that differentiate between independent and collaborative/interprofessional interventions. 30 online care plans are hosted on the Evolve companion site in a user-friendly PDF format that allows you to cut-and-paste care plan contents to create customized care plans.

The Australasia-Pacific Region supports approximately 50% of the world's population. The last half-century has witnessed a rapid increase in the regional population, agricultural productivity, industrial activities and trade within the region. Both the demand for increased food production and the desire to improve the economic conditions have affected regional environmental quality. This volume presents an overview of the fate of contaminants in the soil environment; current soil management factors used to control contaminant impacts, issues related to sludge and effluent disposals in the soil environment; legal, health and social impacts of contaminated land, remediation approaches and strategies to manage contaminated land, some of the problems associated with environmental degradation in the Australasia-Pacific Region and steps that we need to take to safeguard our environment.

Talent has become the most important resource for organizations across a wide range of sectors throughout the world including business, non-profit, and government. These organizations are now engaged in an increasingly fierce competition to acquire the best talent as they seek to gain the upper hand in today's fast changing environment. By combining the body of knowledge on entrepreneurship and talent management from a global perspective, this book provides a synthesized understanding of entrepreneurial mobility and talent management in the entrepreneurship and innovation ecosystem. The expert contributors combine empirical evidence and case studies to provide a nuanced understanding of global talent management from an international comparative perspective. The topics discussed include China's return migration and its impact on Chinese development, local engagement and transformation of Chinese communities in England, and reverse migration from the US to China. Furthermore, from a comparative perspective, contributors examine global talent and entrepreneurial mobility in the contexts of Silicon Valley, European university spin-off practices and entrepreneurial ecosystems in France, Italy, and South Korea, respectively. Scholars and students in entrepreneurship and talent management will find the scope for future research useful in their work. Entrepreneurs, managers, and policymakers will benefit from the examination of global perspectives and different national contexts.

A Situational Study of the Functioning of Advice
Readings in Unemployment
CEA Critic
Energy Analysis and Policy
The American Enterprise
Global Returnees

Energy Analysis and Policy: Selected Works discusses the major aspect of electricity economics, including pricing, demand forecasting, investment analysis, and system reliability. This book provides a clear and comprehensive overview of the diversity of problems in analyzing energy markets and designing sound energy policies. Organized into 14 chapters, this book first discusses the energy economics in developing countries; integrated national energy planning (INEP) in developing countries; energy pricing; practical application of INEP using microcomputers; and energy strategies for oil-importing developing countries. Subsequent chapters describe the energy demand management and conservation; national energy policy implementation; energy demand analysis and forecasting; and energy project evaluation and planning. Other chapters explore non-conventional energy project analysis and national energy policy; rural energy issues and supply options; and bioenergy management policy. Rural-industrial energy and fossil fuel issues, as well as energy R&D decision-making in developing countries, are also presented. As the issues in this book are very important, this book will be helpful to a wide and appreciative audience.

Clinical Drug Therapy for Canadian Practice, Second Edition provides unique coverage of nursing interventions for drug therapy, explaining the "why" behind each nursing action and emphasizing how drugs work differently in different patients. This edition incorporates a dynamic, full-color design and art program, key terms, CRNE questions, and more Canadian references and research.

A detailed and thorough reference on the discipline and practice of systems engineering The objective of the International Council on Systems Engineering (INCOSE) Systems Engineering Handbook is to describe key process activities performed by systems engineers and other engineering professionals throughout the life cycle of a system. The book covers a wide range of fundamental system concepts that broaden the thinking of the systems engineering practitioner, such as system thinking, system science, life cycle management, specialty engineering, system of systems, and agile and iterative methods. This book also defines the discipline and practice of systems engineering for students and practicing professionals alike, providing an authoritative reference that is acknowledged worldwide. The latest edition of the INCOSE Systems Engineering Handbook: Is consistent with ISO/IEC/IEEE 15288:2015 Systems and software engineering-System life cycle processes and the Guide to the Systems Engineering Body of Knowledge (SEBoK) Has been updated to include the latest concepts of the INCOSE working groups Is the body of knowledge for the INCOSE Certification Process This book is ideal for any engineering professional who has an interest in or needs to apply systems engineering practices. This includes the experienced systems engineer who needs a convenient reference, a product engineer or engineer in another discipline who needs to perform systems engineering, a new systems engineer, or anyone interested in learning more about systems engineering.

INCOSE Systems Engineering Handbook
Tensor Network Contractions
The Gospel According to the Jews and Pagans
Nursing Diagnosis and Intervention
The French Approach to Safety Assessments
Discovering Life, Manufacturing Life

The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States (1789-1824), the Register of Debates in Congress (1824-1837), and the Congressional Globe (1833-1873)

The Management Body of Knowledge is the American Management Association's flagship publication that sets the bar in management excellence. It outlines the right mix of knowledge, skills and abilities needed for managers to succeed in today's complex work environment. This resource guide provides the tools and key competencies managers need to excel in management and prosper in today's market. Mastering the best practices outlined in this book will ensure you have a foundational set of skills to succeed as a Manager.

This book examines growth, poverty, employment, taxes, and deficits; and discusses the role of presidents, their advisers, and economists in the formation of economic policy.

Proceedings of the First Australasia-Pacific Conference on Contaminants and Soil Environment in the Australasia-Pacific Region, held in Adelaide, Australia, 18–23 February 1996
How the experimental method shaped life sciences
An Occupational Therapist's Guide to Home Modification Practice
Encounters with Public Education Policies, Practices, and Reforms
The Associator of Indiana College English Association
Entrepreneurship and Talent Management from a Global Perspective

Occupational therapists require skills to access the daily living skills of their clients. This book uses a transactional approach to examine the home environment and the client. Current and future needs are assessed and this book addresses concerns and suggests solutions which will assist in helping the client remain in their own home.

The Year Book of Vascular Surgery brings you abstracts of the articles that reported the year's breakthrough developments in vascular surgery, carefully selected from more than 500 journals worldwide. Expert commentaries evaluate the clinical importance of each article and discuss its application to your practice. There's no faster or easier way to stay informed! Hot topics include: Coronary Disease, Epidemiology, Vascular Laboratory and Imaging, Carotid and Cerebrovascular Disease, and Grafts and Graft Complications.

This new edition incorporates revised guidance from H.M Treasury which is designed to promote efficient policy development and resource allocation across government through the use of a thorough, long-term and analytically robust approach to the appraisal and evaluation of public service projects before significant funds are committed. It is the first edition to have been aided by a consultation process in order to ensure the guidance is clearer and more closely tailored to suit the needs of users.

Environmental Impact Statement
St. Chrysostom on the Priesthood
Magnesium in the Central Nervous System
Protides of the Biological Fluids
American Catholic Schools in the Twentieth Century
Who Really Rules?

This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Water and Agriculture Sustainability, Markets and Policies
The Divided Mind of American Liberalism
Social Science, Social Policy, and the Poor in Twentieth-Century U.S. History
On the Other Hand - Essays on Economics, Economists, and Politics
World Priorities