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Post-Soviet Russia in the 1990s saw a surge in civic participation. The

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traditional power structure officially relinquished control of political rhetoric and a nascent civil society had begun to emerge. Free elections and political partisanship between reformist and conservative elements of Russian society, spurred on by Russia's economic troubles, gave a "Wild West" tenor to public rhetoric that was reflected in the election campaigns of 1993, 1995, and 1996. In this volume, the authors examine, through a series of contemporaneously written essays, the arc of government rhetoric during the height of media freedom, the quest for a new national identity, and the struggle for self-government. Domestic Relations Manual for the District of Columbia provides a concise, practice-oriented and practical analysis of each issue area encountered by the family law practitioner in the District of Columbia, with full citation to statutory and case authority. This completely updated publication includes critical discussion of the latest changes in D.C. law, including the enactment of the Uniform Child Custody Jurisdiction and Enforcement Act (UCCJEA). In addition, it includes an extensive array of both court-issued and expert-drafted forms. Domestic Relations Manual for the District of Columbia is also easy to reference thanks to full chapter synopses, tables, and thorough indexing, with comprehensive coverage of each important family law issue, including: • child custody and visitation • child and spousal support (and separate maintenance) • equitable distribution of marital property • recovery of attorney's fees and costs • procedures for bringing a divorce action • the law of marriage and annulment in D.C. • adoption • name change procedures • the effect of various types of matrimonial agreements. Provides an interdisciplinary perspective on behaviors and strategies used to maintain intimate relationships. This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers

Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: [frontiersin.org/about/contact](http://frontiersin.org/about/contact). This fully revised 3rd edition provides a comprehensive overview of the biology of fungi associated with plants. Since the publication of the 2nd Edition in 2009, tremendous new knowledge has been gained in the field of fungal-plant interactions, which is reflected in the contributions of this book. World-leading scientists in the field provide authoritative insights into fungal-plant interactions covering the following main topics: Mutualistic and pathogenic fungal-plant interactions in natural and agricultural ecosystems Sensing and signalling in fungus-plant interactions Regulation of fungal gene expression and development Fungal genomes and evolution Global pandemics caused by fungal pathogens and their implications for food security This volume will be of great interest to both specialists and generalists. It is an indispensable resource for researchers, lecturers and students in microbiology, mycology, and plant sciences, as well as agriculture and biotechnology. Social media has become an integral part of society as social networking has become a main form of communication and human interaction. To stay relevant, businesses have adopted social media tactics to interact with consumers, conduct business, and remain competitive. Social technologies have reached a vital point in the business world, being essential in strategic decision-making processes, building relationships with consumers, marketing and branding efforts, and other important areas. While social media continues to gain importance in modern society, it is essential to determine how it functions in contemporary business. The Research Anthology on Strategies for Using Social Media as a Service and Tool in Business provides updated information on how businesses are strategically using social media and explores the role of social media in keeping businesses competitive in the global economy. The chapters will discuss how social tools work, what services businesses are utilizing, both the benefits and challenges to how social media is changing the modern business atmosphere, and more. This book is essential for researchers, instructors, social media managers, business managers, students, executives, practitioners, industry professionals, social media

analysts, and all audiences interested in how social media is being used in modern businesses as both a service and integral tool. This collection of essays offers a comparative perspective on different forms of representation of social hybridity in contemporary novels through various cultural and linguistic lenses. It explores the various subcategories of their interdependent relationships, including power and domination between hegemony and marginality. The book revolves around five axes: namely, writing strategies and reterritorialization; marginality and intermediary spaces; revisited urban spaces; when periphery becomes center; and the modality of confrontation and construction of identity. It focuses on the identification and classification of spaces in order to understand their function in relation to the thematic strategy of the novel. Its main objective is identifying the textual representation of the challenge of center and periphery, as well as these concepts' role and significance in diegesis. Thus, new light is shed on the subject and on the contemporary novel as a whole. Organizational leaders, governments and trade unions all agree that learning is fundamental to organizational and economic success. The question is how it should best be supported. The Handbook of Work Based Learning delivers a compelling answer to this question. Learning needs to be based in the realities of organizational life. This unique, groundbreaking handbook provides a definitive guide to the set of strategies, tactics and methods for supporting work based learning. The three main parts of the Handbook, which focus in turn on strategies, tactics and methods, are written for both the learner and the professional developer alike. Each includes a description of the process (strategy, tactic or method), provides examples of what it looks like in action, explains the benefits and the likely limitations and provides a set of operating hints for applying the process. Nothing has been neglected, so alongside detailed descriptions of what to do and how to do it, the authors have included the Declaration on Learning, created by thirteen of the major figures in the field of organizational learning, a section guiding you towards routes for gaining qualifications, along with a well-researched set of references and further reading. Proof Theory of Modal Logic is devoted to a

thorough study of proof systems for modal logics, that is, logics of necessity, possibility, knowledge, belief, time, computations etc. It contains many new technical results and presentations of novel proof procedures. The volume is of immense importance for the interdisciplinary fields of logic, knowledge representation, and automated deduction. This volume covers the range of reactions that both patients and clients have to the circumstance of a child entering the therapist's family. Through research, the authors show these reactions can be extremely powerful, and when fully explored can be used to advance the therapy and the development of the patient. Rich clinical illustrations are provided throughout the text. In addition, the reader is offered many therapeutic strategies for working with patient-therapist reactions as they unfold. Many practical issues arise in conjunction with this life transition. Examples include announcing a pregnancy or an imminent adoption, planning parental leave and covering the patient's needs during the hiatus. In this second edition, therapists who are members of LGBT families and single parent families are described in terms of their special needs, challenges and resources. This updated edition also contains a new chapter on special problems that can arise during pregnancy. Communication creates organizations, and the ways individuals communicate determines the functions and processes of organizations. Understanding communication challenges is necessary in order to understand organizational successes and organizational change. Transformative Practice and Research in Organizational Communication is an essential reference publication featuring the latest scholarly research on the practice of organizational communication. The chapters cover a range of topics such as business expertise, social media, and capitalism. This book is ideally designed for academicians, students, professionals, and managers seeking current research on organizational communication practices. Though based on an economic transition, retailer-consumer relationship is also influenced by non-economic factors and is a context of social interaction. With the emergence of modern merchandising techniques and a rise in large retail companies, consumers have become increasingly vigilant of practice within the retail

industry. Handbook of Research on Retailer-Consumer Relationship Development offers a complete and updated overview of various perspectives relating to customer relationship management within the retail industry and stimulates the search for greater integration of these views in further research. Offering different angles to analyze the exchange between the retailer and the consumer, this handbook is a valuable tool for professionals and scholars seeking to upgrade their knowledge, as well as for upper-level students. This book constitutes the refereed proceedings of the 18th European Symposium on Computer Security, ESORICS 2013, held in Egham, UK, in September 2013. The 43 papers included in the book were carefully reviewed and selected from 242 papers. The aim of ESORICS is to further the progress of research in computer security by establishing a European forum for bringing together researchers in this area, by promoting the exchange of ideas with system developers and by encouraging links with researchers in related areas. The papers cover all topics related to security, privacy and trust in computer systems and networks. Now in its second edition, this handbook collects authoritative contributions on modern methods and tools in statistical bioinformatics with a focus on the interface between computational statistics and cutting-edge developments in computational biology. The three parts of the book cover statistical methods for single-cell analysis, network analysis, and systems biology, with contributions by leading experts addressing key topics in probabilistic and statistical modeling and the analysis of massive data sets generated by modern biotechnology. This handbook will serve as a useful reference source for students, researchers and practitioners in statistics, computer science and biological and biomedical research, who are interested in the latest developments in computational statistics as applied to computational biology. Today, there is plenty of evidence that Russia has become a prominent external actor in Latin America and the Caribbean. Yet, few books have attempted to better understand the reasons behind Russia's return and Moscow's continuous engagement in the region. In order to fill the gap, this volume offers the first interdisciplinary study of Russian-Latin American relations after the end of the Cold War. Across 16

chapters, leading experts from Russia, Europe, the United States, and Latin America collectively re-examine the Soviet legacy to reveal the conditions in which Russia operates today and identify the key trends of contemporary Russian relations with this part of the world. The book then moves on to provide a detailed case study analysis of Russia's bilateral relations with Venezuela, Cuba, Mexico, Brazil, Argentina, and Colombia, identifying the most critical dimensions of Russian engagement. Rethinking Post Cold-War Russian-Latin American Relations allows readers to identify the fundamental driving forces of Russia's renewed commitment to the area, its strategies and experiences. The book will be of interest to readers of international relations and area studies, historians of modern Latin America, migration studies, political economy, and any political scientists interested in Russian decision-making. Nutrients in Dairy and Their Implications for Health and Disease addresses various dairy products and their impact on health. This comprehensive book is divided into three sections and presents a balanced overview of the health benefits of milk and milk products. Summaries capture the most salient points of each chapter, and the importance of milk and its products as functional foods is addressed throughout. Presents various dairy products and their impact on health Provides information on dairy milk as an important source of micro-and macronutrients that impact body functions Addresses dietary supplements and their incorporation into dairy products In today's global economy, social media and technological advances have changed the way businesses interact with their clientele. With new forms of communication and IT practices, companies seek innovative practices for maintaining their consumer loyalty. Customer Relationship Management Strategies in the Digital Era blends the literature from the fields of marketing and information technology in an effort to examine the effect that technological advances have on the interaction between companies and their customers Through chapters and case studies, this publication discusses the importance of achieving competitive advantage through implementing relationship marketing practices and becoming consumer-centric. This publication is an essential reference source for researchers,

professionals, managers, and upper level students interested in understanding customer loyalty in a technology-focused society. Solar Energy Index is an index of resources dealing with solar energy, including archival materials from the International Solar Energy Society collection; references to articles in major solar journals; patents and pamphlets; National Technical Information Service reports; unbound conference proceedings; and other assorted reports. Both theoretical and "how-to-do-it" publications are well represented. This book places particular emphasis on terrestrial solar thermal and photovoltaic applications of solar energy. Subjects are classified according to physics, terrestrial wind, collectors, space heating and cooling, economics, materials, distillation, thermal-electric power systems, photoelectricity, solar furnaces, cooking, biological applications, water heaters, photochemistry, energy storage, mechanical devices, evaporation, sea power, space flight applications, and industrial applications. Topics covered range from wind energy and bioconversion to ocean thermal energy conversion, heliohydroelectric power plants, solar cells, turbine generation systems, thermionic converters, batteries and fuel cells, and pumps and engines. This monograph will be of interest to government officials and policymakers concerned with solar energy. Research suggests that lipids including cholesterol, fat soluble vitamins and some carotenoids participate in maintaining brain function. This book focuses on how nutrients can improve brain development in early life leading to slower age related decline of higher brain functions. Chapters review how nutrients affect brain and cognitive development; cognitive decline and age-related disease; as well as neurological, mental, and behavioural disorders. Since the last publication of this international bestseller, software testing has seen a renaissance of renewed interest and technology. The biggest change comes in the growing prominence and acceptance of Agile Programming. Software Testing: A Craftsman's Approach, Third Edition extends the combination of theory and practicality of the first two editions to include agile programming development and discusses the serious effect this emerging area is having on software testing. The third edition of the widely adopted text

and reference book is comprised of six parts. It begins by providing the mathematical background in discrete mathematics and linear graph theory that is used in subsequent sections. The book continues to describe specification-based (functional) and code-based (structural) test development techniques, while extending this theoretical approach to less understood levels of integration and system testing. The author further develops this discussion to include object-oriented software. A completely new section relates all of the previously discussed concepts to the agile software development movement and highlights issues such as how agile and XP development environments are radically changing the role of software testers by making testing integral at every phase of the development process. Thoroughly revised and updated, *Software Testing: A Craftsman's Approach, Third Edition* is sure to become a standard reference for those who need to stay up-to-date with evolving technologies in software testing. Carrying on the tradition of previous editions, it will continue to serve as a valuable reference for software testers, developers, and engineers. Pierre Bourdieu was one of the most influential social thinkers of the past half-century, known for both his theoretical and methodological contributions and his wide-ranging empirical investigations into colonial power in Algeria, the educational system in France, the forms of state power, and the history of artistic and scientific fields-among many other topics. Despite the depth and breadth of his influence, however, Bourdieu's legacy has yet to be assessed in a comprehensive manner. The *Oxford Handbook of Pierre Bourdieu* fills this gap by offering a sweeping overview of Bourdieu's impact on the social sciences and humanities. Thomas Medvetz and Jeffrey J. Sallaz have gathered a diverse array of leading scholars who place Bourdieu's work in the wider scope of intellectual history, trace the development of his thought, offer original interpretations and critical engagement, and discuss the likely impact of his ideas on future social research. The *Handbook* highlights Bourdieu's contributions to established areas of research-including the study of markets, the law, cultural production, and politics-and illustrates how his concepts have generated new fields and objects of study. The *Technical and Vocational Education and*

*Training (TVET) college environment* is marked by increasingly stark juxtapositions between what needs to be achieved in the post-school education sector and the increasing difficulty of current conditions. The 'triple challenge' of poverty, inequality and unemployment weighs heavily on the social, political and economic fabric of the country and expectations are high that the TVET colleges can make a pivotal contribution to counter these challenges. Despite laudable increases in TVET enrolment, the education system needs to work harder to accommodate the weight of demand for post school further education and training (FET) band qualifications from young people not in education, employment or training. At the same time, it is vital to secure adequate quality in TVET programmes which depend so much on the competence and commitment of college lecturers. This collection offers a set of research papers that provide new analytic and empirical material on:

- The political economy of TVET types in different countries which, by comparison, illuminate the South African case;
- A periodisation of government interventions in the TVET sector over the last three decades;
- The unsettled state and status of TVET lecturers in relation to their job requirements and conditions of service;
- The halting evolution of collegial relationships between college lecturers towards higher collegiality;
- Employer expectations of college graduates and how colleges are responding; and
- An analysis of the outcomes of a college improvement intervention in Limpopo and the Eastern Cape.

This book will offer valuable information and insights for decision-makers as well as analysts of institutional change concerning links between education and economic growth, with particular regard to TVET graduates' employment rates. Globally, women are oppressed and this book introduces the perspective of African women and especially that of Nigerian women. This book looks at the major themes that drive the women's empowerment programs in Nigeria. Feminists in Nigeria are shaped by the institutions, values, ideologies, and since the 1970s, the UN and its agencies have added an international dimension. The chapters, while taking us through a theoretical overview of Nigerian women's empowerment, also shows how institutions, values, religion, and culture

can challenge feminist political philosophy— a philosophy that tends to universalize women’s problems and their solutions. California Public Sector Labor Relations brings you the authoritative, comprehensive guidance you need to answer most any question related to public sector labor relations in California in one convenient resource. This comprehensive treatise provides labor attorneys, public sector employee organizations, public sector human resource personnel, and state and local public agency managers with an expert analysis of the statutes, case law, regulations, procedure, and agency decisions -- including PERB -- governing public sector labor relations in California. This single volume offers broad coverage of the employer-employee relationship at all levels: state and local government, public school, community college, and state university. It also provides detailed information on:

- Collective bargaining and organizational rights of public employees
- The public employer's duty to bargain
- The rights and duties of public employee unions
- Strikes and other concerted activities
- Enforcement of public sector collective bargaining agreements
- Enforcement of public sector labor laws by PERB
- Discipline, discharge and layoffs

California Public Sector Labor Relations gives practitioners a wealth of insight and expertise accumulated from over 60 authors and editors. This essential work also includes up-to-date integration of case law and statutory developments, and close tracking of regulatory developments. Describing the fundamental physical properties of materials used in electronics, the thorough coverage of this book will facilitate an understanding of the technological processes used in the fabrication of electronic and photonic devices. The book opens with an introduction to the basic applied physics of simple electronic states and energy levels. Silicon and copper, the building blocks for many electronic devices, are used as examples. Next, more advanced theories are developed to better account for the electronic and optical behavior of ordered materials, such as diamond, and disordered materials, such as amorphous silicon. Finally, the principal quasi-particles (phonons, polarons, excitons, plasmons, and polaritons) that are fundamental to explaining phenomena such as component aging (phonons) and optical performance in terms of yield

(excitons) or communication speed (polarons) are discussed. Many researchers jump straight from data collection to data analysis without realizing how analyses and hypothesis tests can go profoundly wrong without clean data. This book provides a clear, step-by-step process of examining and cleaning data in order to decrease error rates and increase both the power and replicability of results. Jason W. Osborne, author of *Best Practices in Quantitative Methods* (SAGE, 2008) provides easily-implemented suggestions that are research-based and will motivate change in practice by empirically demonstrating, for each topic, the benefits of following best practices and the potential consequences of not following these guidelines. If your goal is to do the best research you can do, draw conclusions that are most likely to be accurate representations of the population(s) you wish to speak about, and report results that are most likely to be replicated by other researchers, then this basic guidebook will be indispensable. *Developments in Geotechnical Engineering, Vol. 17: Elastic Analysis of Soil-Foundation Interaction* focuses on the analysis of the interaction between structural foundations and supporting soil media. The publication first elaborates on soil-foundation interaction problems; idealized soil response models for the analysis of soil-foundation interaction; and plane-strain analysis of an infinite plate and an infinitely long beam. Discussions focus on three-dimensional effects in the infinite beam problem, elastic models of soil behavior, foundation and interface behavior, and elastic-plastic and time-dependent behavior of soil masses. The manuscript then ponders on the analysis of beams of finite length, axisymmetric three-dimensional problem of an infinite plate, and analysis of finite plates. Concerns cover axisymmetric loading of a circular plate, analysis of rectangular plates, axisymmetric three-dimensional problem of the infinite plate, modifications of the thin plate theory, finite beams on a two-parameter elastic medium, and finite beams on an elastic solid medium. The book tackles the determination of soil parameters, experimental investigations and field studies, as well as experimental investigations and field studies and measurement and interpretation of parameters encountered in the idealized soil models in relation to soil-foundation behavior. The

publication is a valuable reference for researchers interested in the elastic analysis of soil-foundation interaction. The book "Drug Selectivity - An Evolving Concept in Medicinal Chemistry" provides a current overview and comprehensive compilation for medicinal chemists that discusses the effects of aiming for multiple targets on the entire drug development process. The result is a broad survey of current and future strategies for drug selectivity in medicinal chemistry with theoretical but also practical aspects. Different strategies are presented and evaluated, such as various design approaches, merged multiple ligands, discovery technologies and a broad range of successful examples of unselective drugs taken from all major disease areas. With its wide-ranging view of an emerging new paradigm in drug development, this handbook is of prime importance for every medicinal and pharmaceutical chemist. Think tanks are often thought of as a uniquely US phenomenon. Although the largest concentration of think tanks is in the United States, they can be found in virtually every country. Often overlooked, Canada's think tanks represent a highly diverse and eclectic group of public policy organizations such as the Canadian Centre for Policy Alternatives, the C.D. Howe Institute, the Fraser Institute, and the Mowat Centre among others. In Northern Lights, Donald Abelson explores the rise of think tanks in Canada and addresses many of the most commonly asked questions about how, and under what circumstances, they are able to affect public opinion and public policy. He identifies the ways in which Canadian think tanks often prioritize political advocacy over policy research, and seeks to explain why these organizations are well-suited and equipped to shape the discourse around key policy issues. The first comprehensive examination of think tanks in Canada, Northern Lights is both a primer for those looking to understand the role and function of think tanks in the policy-making process and a guide to the leading policy institutes in the country. You've taken your introduction to evaluation course and are about to do your first evaluation project. Where do you begin? Interactive Evaluation Practice: Managing the Interpersonal Dynamics of Program Evaluation helps bridge the gap between the theory of evaluation and its practice, giving students the specific skills

they need to use in different evaluation settings. Jean A. King and Laurie Stevahn present readers with three organizing frameworks (derived from social interdependence theory from social psychology, evaluation use research, and the evaluation capacity building literature) for thinking about evaluation practice. These frameworks help readers track the various skills or strategies to use for distinctive evaluation situations. In addition, the authors provide explicit advice about how to solve specific evaluation problems. Numerous examples throughout the text bring interactive practice to life in a variety of settings. This book sheds new light on the role of various environmental factors in regulating the metabolic adaptation of medicinal and aromatic plants. Many of the chapters present cutting-edge findings on the contamination of medicinal plants through horizontal transfer, as well as nanomaterials and the biosynthesis of pharmacologically active compounds. In addition, the book highlights the impacts of environmental factors (e.g., high and low temperature, climate change, global warming, UV irradiation, intense sunlight and shade, ozone, carbon dioxide, drought, salinity, nutrient deficiency, agrochemicals, waste, heavy metals, nanomaterials, weeds, pests and pathogen infections) on medicinal and aromatic plants, emphasizing secondary metabolisms. In recent years, interest has grown in the use of bioactive compounds from natural sources. Medicinal and aromatic plants constitute an important part of the natural environment and agro-ecosystems, and contain a wealth of chemical compounds known as secondary metabolites and including alkaloids, glycosides, essential oils and other miscellaneous active substances. These metabolites help plants cope with environmental and/or external stimuli in a rapid, reversible and ecologically meaningful manner. Additionally, environmental factors play a crucial role in regulating the metabolic yield of these biologically active molecules. Understanding how medicinal plants respond to environmental perturbations and climate change could open new frontiers in plant production and in agriculture, where successive innovation is urgently needed due to the looming challenges in connection with global food security and climate change. Readers will discover a range of revealing perspectives and the latest

research on this vital topic. This Festschrift volume, published in honour of Peter Buneman, contains contributions written by some of his colleagues, former students, and friends. In celebration of his distinguished career a colloquium was held in Edinburgh, Scotland, 27-29 October, 2013. The articles presented herein belong to some of the many areas of Peter's research interests. This is the revised and extended second edition of the successful basic book on computer arithmetic. It is consistent with the newest recent standard developments in the field. The book shows how the arithmetic and mathematical capability of the digital computer can be enhanced in a quite natural way. The work is motivated by the desire and the need to improve the accuracy of numerical computing and to control the quality

of the computed results (validity). The accuracy requirements for the elementary floating-point operations are extended to the customary product spaces of computations including interval spaces. The mathematical properties of these models are extracted into an axiomatic approach which leads to a general theory of computer arithmetic. Detailed methods and circuits for the implementation of this advanced computer arithmetic on digital computers are developed in part two of the book. Part three then illustrates by a number of sample applications how this extended computer arithmetic can be used to compute highly accurate and mathematically verified results. The book can be used as a high-level undergraduate textbook but also as reference work for research in computer arithmetic and applied mathematics.