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KEY=ANSWER - ERICK LEBLANC

METEOROLOGICAL AND GEOASTROPHYSICAL ABSTRACTS

CRIMES AGAINST CHILDREN

**SEXUAL VIOLENCE AND LEGAL CULTURE IN NEW YORK CITY,
1880-1960**

Univ of North Carolina Press *In the first half of the twentieth century, Americans' intense concern with sex crimes against children led to a wave of public discussion, legislative action, and criminal prosecution. Stephen Robertson provides the first large-scale, long-term study of*

**PROCEEDINGS OF THE SIXTEENTH COASTAL ENGINEERING
CONFERENCE**

AUGUST 27 TO SEPTEMBER 3, 1978, HAMBURG, GERMANY

OCEANIC ABSTRACTS WITH INDEXES

DISSERTATION ABSTRACTS INTERNATIONAL

THE SCIENCES AND ENGINEERING. B

MATHEMATICAL MODELLING IN SCIENCE AND TECHNOLOGY

THE FOURTH INTERNATIONAL CONFERENCE, ZURICH, SWITZERLAND,

AUGUST 1983

Elsevier *Mathematical Modelling in Science and Technology: The Fourth International Conference covers the proceedings of the Fourth International Conference by the same title, held at the Swiss Federal Institute of Technology, Zurich, Switzerland on August 15-17, 1983. Mathematical modeling is a powerful tool to solve many complex problems presented by scientific and technological developments. This book is organized into 20 parts encompassing 180 chapters. The first parts present the basic principles, methodology, systems theory, parameter estimation, system identification, and optimization of mathematical modeling. The succeeding parts discuss the features of stochastic and numerical modeling and simulation languages. Considerable parts deal with the application areas of mathematical modeling, such as in chemical engineering, solid and fluid mechanics, water resources, medicine, economics, transportation, and industry. The last parts tackle the application of mathematical modeling in student management and other academic cases. This book will prove useful to researchers in various science and technology fields.*

FEEDBACK SYSTEMS

Princeton University Press *The essential introduction to the principles and applications of feedback systems—now fully revised and expanded This textbook covers the mathematics needed to model, analyze, and design feedback systems. Now more user-friendly than ever, this revised and expanded edition of Feedback Systems is a one-volume resource for students and researchers in mathematics and engineering. It has applications across a range of disciplines that utilize feedback in physical, biological, information, and economic systems. Karl Åström and Richard Murray use techniques from physics, computer science, and operations research to introduce control-oriented modeling. They begin with state space tools for analysis and design, including stability of solutions, Lyapunov functions, reachability, state feedback observability, and estimators. The matrix exponential plays a central role in the analysis of linear control systems, allowing a concise development of many of the key concepts for this class of models. Åström and Murray then develop and explain tools in the frequency domain, including transfer functions, Nyquist analysis, PID control, frequency domain design, and robustness. Features a new chapter on design principles and tools, illustrating the types of problems that can be solved using feedback Includes a new chapter on fundamental limits and new material on the Routh-Hurwitz criterion and root locus plots Provides exercises at the end of every chapter Comes with an electronic solutions manual An ideal textbook for undergraduate and graduate students Indispensable for researchers seeking a self-contained resource on control theory*

BRIEF ANSWERS TO THE BIG QUESTIONS

Bantam *"Published in the United Kingdom by John Murray (Publishers)"--Copyright page.*

OFFICIAL GAZETTE OF THE UNITED STATES PATENT OFFICE

THE ACTION PLAN FOR AUSTRALIAN BIRDS 2020

CSIRO PUBLISHING *The Action Plan for Australian Birds 2020 is the most comprehensive review of the status of Australia's avifauna ever attempted. The latest in a series of action plans for Australian birds that have been produced every decade since 1992, it is also the largest. The accounts in this plan have been authored by more than 300 of the most knowledgeable bird experts in the country, and feature far more detail than any of the earlier plans. This volume also includes accounts of over 60 taxa that are no longer considered threatened, mainly thanks to sustained conservation action over many decades. This extensive book covers key themes that have emerged in the last decade, including the increasing impact of climate change as a threatening process, most obviously in Queensland's tropical rainforests where many birds are being pushed up the mountains. However, the effects are also indirect, as happened in the catastrophic fires of 2019/20. Many of the newly listed birds are subspecies confined to Kangaroo Island, where fire destroyed over half the population. But there are good news stories too, especially on islands where there have been spectacular successes with predator control. Such uplifting results demonstrate that when action plans are followed by action on the ground, threatened species can indeed be recovered and threats alleviated.*

COMPREHENSIVE DISSERTATION INDEX, 1861-1972: AUTHOR INDEX

AMERICAN WOMEN WORKERS IN A FULL EMPLOYMENT ECONOMY

A COMPENDIUM OF PAPERS SUBMITTED TO THE SUBCOMMITTEE ON ECONOMIC GROWTH AND STABILIZATION OF THE JOINT ECONOMIC COMMITTEE, CONGRESS OF THE UNITED STATES

AMERICAN GAY

University of Chicago Press *Challenging prevailing assumptions about gay history and society, Murray questions conventional wisdom about the importance of World War II and the Stonewall riots for conceiving and challenging the notion of a shared oppression. He reviews gay complicity in the repathologizing of homosexuality during the early years of the AIDS epidemic. Discussing recent demands for inclusion in the "straight" institutions of marriage and the U.S. military, he concludes that these are new forms of resistance, not attempts to assimilate. Finally, Murray examines racial and ethnic differences in self-representation and identification.*

BRITAIN AND THE CINEMA IN THE SECOND WORLD WAR

Springer *The essays which appear in this book for the most part originated as papers delivered at a conference on Britain and the cinema in the Second World War held in London in May 1985.*

GLOBAL ASPECTS OF ERGODIC GROUP ACTIONS

American Mathematical Soc. *The subject of this book is the study of ergodic, measure preserving actions of countable discrete groups on standard probability spaces. It explores a direction that emphasizes a global point of view, concentrating on the structure of the space of measure preserving actions of a given group and its associated cocycle spaces. These are equipped with canonical topological actions that give rise to the usual concepts of conjugacy of actions and cohomology of cocycles. Structural properties of discrete groups such as amenability, Kazhdan's property (T) and the Haagerup Approximation Property play a significant role in this theory as they have important connections to the global structure of these spaces. One of the main topics discussed in this book is the analysis of the complexity of the classification problems of conjugacy and orbit equivalence of actions, as well as of cohomology of cocycles. This involves ideas from topological dynamics, descriptive set theory, harmonic analysis, and the theory of unitary group representations. Also included in this title is a study of properties of the automorphism group of a standard probability space and some of its important subgroups, such as the full and automorphism groups of measure preserving equivalence relations and connections with the theory of costs. The book contains nine appendices that present necessary background material in functional analysis, measure theory, and group representations, thus making the book accessible to a wider audience.*

JOURNAL OF PHYSICAL OCEANOGRAPHY

MURRAY & NADEL'S TEXTBOOK OF RESPIRATORY MEDICINE E-BOOK

Elsevier Health Sciences *Known for its clear readability, thorough coverage, and expert authorship, Murray & Nadel's Textbook of Respiratory Medicine has long been the gold standard text in the fast-changing field of pulmonary medicine. The new 7th Edition brings you fully up to date with newly expanded content, numerous new chapters, a new editorial team, and extensive updates throughout. It covers the entire spectrum of pulmonology in one authoritative point-of-care reference, making it an ideal resource for pulmonary physicians, fellows, and other pulmonary practitioners. Offers definitive, full-color coverage of basic science, diagnosis, evaluation, and treatment of the full range of respiratory diseases. Provides detailed explanations of each disease entity and differential diagnoses with state-of-the-art, evidence-based content by global leaders in the field. Contains a newly expanded section on common presentations of respiratory disease, plus new chapters on COVID-19, asthma and obesity, airplane travel, lung cancer screening, noninvasive support of oxygenation, lung microbiome, thoracic surgery, inhaled substances, treatment of lung cancer, and more. Covers hot topics such as vaping; advanced ultrasound applications and procedures; interventional pulmonology; immunotherapy; lung cancer targeted therapy; outbreaks, pandemics and bioterrorism; point-of-care ultrasound; use of high-flow oxygen, and more. Includes extensively reorganized sections on basic science, pleural disease, and sleep, with new chapters and approaches to the topics. Features more than 1,450 anatomic, algorithmic, and radiologic images (400 are new!) including CT, PET, MR, and HRCT,*

plus extensive online-only content: 200 procedural and conceptual videos plus audio clips of lung sounds. Brings you up to date with the latest respiratory drugs, mechanisms of action, indications, precautions, adverse effects, and recommendations, with increased emphasis on algorithms to illustrate decision making.

PROMOTING EQUITY, COOPERATION AND INNOVATION IN THE FIELDS OF TRANSBOUNDARY WATERS AND NATURAL RESOURCES MANAGEMENT

THE LEGACY OF DR. DAVID J.H. PHILLIPS

BRILL *Promoting Equity, Cooperation and Innovation in the Fields of Transboundary Waters and Natural Resources Management offers publications and essays by colleagues around the world on the prolific work and scientific contribution of Dr David J.H. Phillips, giving insight into a remarkable and ingenious scientist who lived life to the utmost.*

THE PALGRAVE HANDBOOK OF THEATRE AND RACE

Springer Nature *The first comprehensive publication on the subject, this book investigates interactions between racial thinking and the stage in the modern and contemporary world, with 25 essays on case studies that will shed light on areas previously neglected by criticism while providing fresh perspectives on already-investigated contexts. Examining performances from Europe, the Americas, the Middle East, Africa, China, Australia, New Zealand, and the South Pacific islands, this collection ultimately frames the history of racial narratives on stage in a global context, resetting understandings of race in public discourse.*

THE OXFORD HANDBOOK OF PHILOSOPHY OF COGNITIVE SCIENCE

Oxford University Press *The philosophy of cognitive science is concerned with fundamental philosophical and theoretical questions connected to the sciences of the mind. How does the brain give rise to conscious experience? Does speaking a language change how we think? Is a genuinely intelligent computer possible? What features of the mind are innate? Advances in cognitive science have given philosophers important tools for addressing these sorts of questions; and cognitive scientists have, in turn, found themselves drawing upon insights from philosophy-insights that have often taken their research in novel directions. The Oxford Handbook of Philosophy of Cognitive Science brings together twenty-one newly commissioned chapters by leading researchers in this rich and fast-growing area of philosophy. It is an indispensable resource for anyone who seeks to understand the implications of cognitive science for philosophy, and the role of philosophy within cognitive science.*

A COMPANION TO EXPERIMENTAL PHILOSOPHY

John Wiley & Sons *This is a comprehensive collection of essays that explores cutting-edge work in experimental philosophy, a radical new movement that applies*

quantitative and empirical methods to traditional topics of philosophical inquiry. Situates the discipline within Western philosophy and then surveys the work of experimental philosophers by sub-discipline. Contains insights for a diverse range of fields, including linguistics, cognitive science, anthropology, economics, and psychology, as well as almost every area of professional philosophy today. Edited by two rising scholars who take a broad and inclusive approach to the field. Offers a complete introduction for non-specialists and students to the central approaches, findings, challenges, and controversies in experimental philosophy.

COVID-19 AND WOMEN'S HEALTH

Frontiers Media SA

STRENGTHENING FORENSIC SCIENCE IN THE UNITED STATES

A PATH FORWARD

National Academies Press *Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. *Strengthening Forensic Science in the United States: A Path Forward* provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. *Strengthening Forensic Science in the United States* gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.*

THE PUBLISHERS WEEKLY

HORIZONS OF AUTHENTICITY IN PHENOMENOLOGY, EXISTENTIALISM, AND MORAL PSYCHOLOGY

ESSAYS IN HONOR OF CHARLES GUIGNON

Springer *This volume centers on the exploration of the ways in which the canonical texts and thinkers of the phenomenological and existential tradition can be utilized to address contemporary, concrete philosophical issues. In particular, the included essays address the key facets of the work of Charles Guignon, and as such, honor and extend his thought and approach to philosophy. To this end, the four main*

sections of the volume deal with the question of authenticity, i.e. what it means to be an authentic person, the ways in which the phenomenological and existential traditions can impact the sciences, how best to understand the fact of human mortality, and, finally, the ways philosophical reflection can help address current questions of value. The volume is designed primarily to serve as a secondary resource for students and specialists interested in rediscovering the practical application of existential and phenomenological thought. The collection of scholarly essays, then, could be used in conjunction with some of the more recent scholarship concerning the practical value of philosophy. Along with contributing to previous scholarship, the essays in this proposed volume attempt to update and expand the scope of phenomenological and existential inquiry.

DOCTORAL DISSERTATIONS ACCEPTED BY AMERICAN UNIVERSITIES

GOVERNMENT REPORTS ANNOUNCEMENTS & INDEX

SHIPBUILDING AND SHIPPING RECORD

Includes special issues.

THE CAMBRIDGE COMPANION TO QUAKERISM

Cambridge University Press *The Cambridge Companion to Quakerism offers a fresh, up-to-date, and accessible introduction to Quakerism. Quakerism is founded on radical ideas and its history of constancy and change offers fascinating insights into the nature of non-conformity. In a series of eighteen essays written by an international team of scholars, and commissioned especially for this volume, the Companion covers the history of Quakerism from its origins to the present day. Employing a range of methodologies, it features sections on the history of Quaker faith and practice, expressions of Quaker faith, regional studies, and emerging spiritualities. It also examines all branches of Quakerism, including evangelical, liberal, and conservative, as well as non-theist Quakerism and convergent Quaker thought. This Companion will serve as an essential resource for all interested in Quaker thought and practice.*

ANTARCTIC JOURNAL OF THE UNITED STATES

ENVIRONMENTAL DESIGN GUIDELINES FOR LOW CRESTED COASTAL STRUCTURES

Elsevier *The effect of manmade activities is primarily local but can extend far away from the location of intervention. This underlines the importance of establishing coastal zone management plans covering large stretches of coastlines. In recent years, interest in Low Crested Structures (coastal defense structures with a low-crest) has been growing together with awareness of the sensitivity to environmental impacts produced by coastal defenses. The relation between wave climate, beach erosion, beach defence means, habitat changes and beach value, which clearly exists based on EC research results, suggests the necessity of an integrated approach when designing coastal protection schemes. In accordance with this need,*

the present design guidelines cover structure stability and construction problems, hydro and morphodynamic effects, environmental effects (colonisation of the structure and water quality), societal and economic impacts (recreational benefits, swimming safety, beach quality). Environmental Design Guidelines for Low Crested Coastal Structures is specifically dedicated to Low Crested Structures, and provides methodological tools both for the engineering design of structures and for the prediction of performance and environmental impacts of such structures. A briefing of current best practice for local and national planning authorities, statutory agencies and other stakeholders in the coastal zone is also covered. Presented in a generic way, this book is appropriate throughout the European Union, taking into account current European Commission policy and directives for the promotion of sustainable development and integrated coastal zone management. Fills the gap between engineering and ecology in coastal defense planning Shows the reader how to perform an integrated design of coastal defense schemes Presents latest insights on hydro-morphodynamics induced by structures Provides directly applicable tools for the design of low crested structures Highlights socio-economic perspectives in coastal defense design

THE JOURNAL OF UROLOGY

HONG KONG SOCIETY

HIGH-DEFINITION STORIES BEYOND THE SPECTACLE OF EAST-MEETS-WEST

Springer Nature *This book borrows the concept of “high-definition” from digital broadcasting to highlight our unique approach to Hong Kong society, which gives a sharper image than analyses. It intends to highlight contrasts with many common and taken-for-granted stories, myths and representations of Hong Kong— which often presented with a low level of detail, lacking proper connections between grounded personal experiences and the macro social context. With chapters covering various salient dimensions of Hong Kong’s society, including migration, economy, inequality, identity and social movements, our “high-definition” approach presents images with high enough “resolution” to match multiple layers of experiences from walks of life of Hong Kong people, contributing to an understanding of how global transformation impacts local people’s experiences, as well as Hong Kong’s significance in the regional and global system.*

HANDBOOK OF VADOSE ZONE CHARACTERIZATION & MONITORING

Routledge *This book is written in a simple, straightforward manner without complicated mathematical derivatives. Compiled by experienced practitioners, this guide covers topics such as basic principles of vadose zone hydrology and prevalent monitoring techniques. Case studies present actual field experiences for the benefit of the reader. The Handbook provides practitioners with the information they need to fully understand the principles, advantages, and limitations of the monitoring techniques that are available. The Handbook of Vadose Zone Characterization & Monitoring expands and consolidates the useful and succinct information contained in*

various ASTM documents, EPA manuals, and other similar texts on the subject, making it an invaluable aid to new practitioners and a useful reference for seasoned veterans in the field.

CALVINISM AND THE PROBLEM OF EVIL

Wipf and Stock Publishers *Contrary to what many philosophers believe, Calvinism neither makes the problem of evil worse nor is it obviously refuted by the presence of evil and suffering in our world. Or so most of the authors in this book claim. While Calvinism has enjoyed a resurgence in recent years amongst theologians and laypersons, many philosophers have yet to follow suit. The reason seems fairly clear: Calvinism, many think, cannot handle the problem of evil with the same kind of plausibility as other more popular views of the nature of God and the nature of God's relationship with His creation. This book seeks to challenge that untested assumption. With clarity and rigor, this collection of essays seeks to fill a significant hole in the literature on the problem of evil.*

ADAPTATION UNDER FIRE

HOW MILITARIES CHANGE IN WARTIME

Oxford University Press *Every military must prepare for future wars despite not really knowing the shape such wars will ultimately take. As former U.S. Secretary of Defense Robert Gates once noted: "We have a perfect record in predicting the next war. We have never once gotten it right." In the face of such great uncertainty, militaries must be able to adapt rapidly in order to win. Adaptation under Fire identifies the characteristics that make militaries more adaptable, illustrated through historical examples and the recent wars in Iraq and Afghanistan. Authors David Barno and Nora Bensahel argue that militaries facing unknown future conflicts must nevertheless make choices about the type of doctrine that their units will use, the weapons and equipment they will purchase, and the kind of leaders they will select and develop to guide the force to victory. Yet after a war begins, many of these choices will prove flawed in the unpredictable crucible of the battlefield. For a U.S. military facing diverse global threats, its ability to adapt quickly and effectively to those unforeseen circumstances may spell the difference between victory and defeat. Barno and Bensahel start by providing a framework for understanding adaptation and include historical cases of success and failure. Next, they examine U.S. military adaptation during the nation's recent wars, and explain why certain forms of adaptation have proven problematic. In the final section, Barno and Bensahel conclude that the U.S. military must become much more adaptable in order to address the fast-changing security challenges of the future, and they offer recommendations on how to do so before it is too late.*

WHITAKER'S BOOK LIST

THE NEW POLITICS OF TRANSNATIONAL LABOR

WHY SOME ALLIANCES SUCCEED

ILR Press *Over the years many transnational labor alliances have succeeded in improving conditions for workers, but many more have not. In *The New Politics of Transnational Labor*, Marissa Brookes explains why this dichotomy has occurred. Using the coordination and context-appropriate (CCAP) theory, she assesses this divergence, arguing that the success of transnational alliances hinges not only on effective coordination across borders and within workers' local organizations but also on their ability to exploit vulnerabilities in global value chains, invoke national and international institutions, and mobilize networks of stakeholders in ways that threaten employers' core, material interests. Brookes uses six comparative case studies spanning four industries, five countries, and fifteen years. From dockside labor disputes in Britain and Australia to service sector campaigns in the supermarket and private security industries to campaigns aimed at luxury hotels in Southeast Asia, Brookes creates her new theoretical framework and speaks to debates in international and comparative political economy on the politics of economic globalization, the viability of private governance, and the impact of organized labor on economic inequality. From this assessment, Brookes provides a vital update to the international relations literature on non-state actors and transnational activism and shows how we can understand the unique capacities labor has as a transnational actor.*

ALGEBRAIC DESIGN THEORY

American Mathematical Soc. *Combinatorial design theory is a source of simply stated, concrete, yet difficult discrete problems, with the Hadamard conjecture being a prime example. It has become clear that many of these problems are essentially algebraic in nature. This book provides a unified vision of the algebraic themes which have developed so far in design theory. These include the applications in design theory of matrix algebra, the automorphism group and its regular subgroups, the composition of smaller designs to make larger designs, and the connection between designs with regular group actions and solutions to group ring equations. Everything is explained at an elementary level in terms of orthogonality sets and pairwise combinatorial designs--new and simple combinatorial notions which cover many of the commonly studied designs. Particular attention is paid to how the main themes apply in the important new context of cocyclic development. Indeed, this book contains a comprehensive account of cocyclic Hadamard matrices. The book was written to inspire researchers, ranging from the expert to the beginning student, in algebra or design theory, to investigate the fundamental algebraic problems posed by combinatorial design theory.*

GEOMETRIC APPROXIMATION ALGORITHMS

American Mathematical Soc. *Exact algorithms for dealing with geometric objects are complicated, hard to implement in practice, and slow. Over the last 20 years a theory of geometric approximation algorithms has emerged. These algorithms tend to be simple, fast, and more robust than their exact counterparts. This book is the*

first to cover geometric approximation algorithms in detail. In addition, more traditional computational geometry techniques that are widely used in developing such algorithms, like sampling, linear programming, etc., are also surveyed. Other topics covered include approximate nearest-neighbor search, shape approximation, coresets, dimension reduction, and embeddings. The topics covered are relatively independent and are supplemented by exercises. Close to 200 color figures are included in the text to illustrate proofs and ideas.