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### KEY=ALGEBRA - LAYLAH BRIGGS

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### TESTIMONIOS: STORIES OF LATINX AND HISPANIC MATHEMATICIANS

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**American Mathematical Soc.** *Testimonios brings together first-person narratives from the vibrant, diverse, and complex Latinx and Hispanic mathematical community. Starting with childhood and family, the authors recount their own individual stories, highlighting their upbringing, education, and career paths. Their particular stories, told in their own voices, from their own perspectives, give visibility to some of the experiences of Latinx/Hispanic mathematicians. Testimonios seeks to inspire the next generation of Latinx and Hispanic mathematicians by featuring the stories of people like them, holding a mirror up to our own community. It also aims to provide a window for mathematicians (and aspiring mathematicians) from all ethnicities, with the hope of inspiring a better understanding of the diversity of the mathematical community.*

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### CONGRESSIONAL RECORD

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### PROCEEDINGS AND DEBATES OF THE ... CONGRESS

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### INVESTING IN CULTURAL DIVERSITY AND INTERCULTURAL DIALOGUE

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**UNESCO** *This report analyses all aspects of cultural diversity, which has emerged as a key concern of the international community in recent decades, and maps out new approaches to monitoring and shaping the changes that are taking place. It highlights, in particular, the interrelated challenges of cultural diversity and intercultural dialogue and the way in which strong homogenizing forces are matched by persistent diversifying trends. The report proposes a series of ten policy-oriented recommendations, to the attention of States, intergovernmental and non-governmental organizations, international and regional bodies, national institutions and the private sector on how to invest in cultural diversity. Emphasizing the importance of cultural diversity in different areas (languages, education, communication and new media development, and creativity and the marketplace) based on data and examples collected from around the world, the report is also intended for the general public. It proposes a coherent vision of cultural diversity and clarifies how, far from being a threat, it can become beneficial to the action of the international community.*

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### ALGEBRA IN THE EARLY GRADES

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**Routledge** *This volume is the first to offer a comprehensive, research-based, multi-faceted look at issues in early algebra. In recent years, the National Council for Teachers of Mathematics has recommended that algebra become a strand flowing throughout the K-12 curriculum, and the 2003 RAND Mathematics Study Panel has recommended that algebra be "the initial topical choice for focused and coordinated research and development [in K-12 mathematics]." This book provides a rationale for a stronger and more sustained approach to algebra in school, as well as concrete examples of how algebraic reasoning may be developed in the early grades. It is organized around three themes: The Nature of Early Algebra Students' Capacity for Algebraic Thinking Issues of Implementation: Taking Early Algebra to the Classrooms. The contributors to this landmark volume have been at the forefront of an effort to integrate algebra into the existing early grades mathematics curriculum. They include scholars who have been developing the conceptual foundations for such changes as well as researchers and developers who have led empirical investigations in school settings. Algebra in the Early Grades aims to bridge the worlds of research, practice, design, and theory for educators, researchers, students, policy makers, and curriculum developers in mathematics education.*

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### THE ROCKET INTO PLANETARY SPACE

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**Walter de Gruyter GmbH & Co KG** *For all being interested in astronautics, this translation of Hermann Oberth's classic work is a truly historic event. Readers will be impressed with this extraordinary pioneer and his incredible achievement. In a relatively short work of 1923, Hermann Oberth laid down the mathematical laws governing rocketry and spaceflight, and he offered practical design considerations based on those laws.*

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### THE ART OF PROBLEM POSING, SECOND EDITION

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**Routledge** *Updated and expanded, this second edition satisfies the same philosophical objective as the first -- to show the importance of problem posing. Although interest in mathematical problem solving increased during the past decade, problem posing remained relatively ignored. The Art of Problem Posing draws attention to this equally important act and is the innovator in the field. Special features include: \* an exploration of the logical relationship between problem posing and problem solving \* a special chapter devoted to teaching problem posing as a separate course \* sketches, drawings, diagrams, and cartoons that illustrate the schemes proposed \* a special section on writing in mathematics*

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### POWER AND POLITICS IN UNIVERSITY GOVERNANCE

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### ORGANIZATION AND CHANGE AT THE UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO

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**Psychology Press** *Drawing from a case study of the "Universidad Nacional Autonoma de Mexico," this work analyses the connection between political processes and change in higher education. The author explains that while there are increasing demands these have not produced rapid responses from the university and tries to understand why this lack of response has generated internal and external tensions and conflictive dynamics.*

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### DISTRIBUTIVE JUSTICE IN TRANSITIONS

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**Torkel Opsahl Academic EPublisher** *The chapters of this book explore, from different disciplinary perspectives, the relationship between transitional justice, distributive justice, and economic efficiency in the settlement of internal armed conflicts. They specifically discuss the role of land reform as an instrument of these goals, and examine how the balance between different perspectives has been attempted (or not) in selected cases of internal armed conflicts, and how it should be attempted in principle. Although most chapters closely examine the Colombian case, some provide a comparative perspective that includes countries in Latin America, Africa, and Eastern Europe, while others examine some of the more general, theoretical issues involved.*

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### WORLD DEVELOPMENT REPORT 1978

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**World Bank Publications** *This first report deals with some of the major development issues confronting the developing countries and explores the relationship of the major trends in the international economy to them. It is designed to help clarify some of the linkages between the international economy and domestic strategies in the developing countries against the background of growing interdependence and increasing complexity in the world economy. It assesses the prospects for progress in accelerating growth and alleviating poverty, and identifies some of the major policy issues which will affect these prospects.*

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## ECONOMY, BUSINESS AND UNCERTAINTY: NEW IDEAS FOR A EURO-MEDITERRANEAN INDUSTRIAL POLICY

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**Springer** This book presents original research articles addressing various aspects of economics, management and optimization. The topics discussed include economics, finance, marketing, resource allocation strategies, fuzzy logic, and network-based techniques for the analysis of economics, management and mathematical optimization. Combining the input of contributing professors and researchers from various Spanish, Italian and Latin American universities, the book will be of interest to students, researchers and practitioners, as well as members of the general public interested in the world of Economics and Management.

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## OBSERVING THE VOLCANO WORLD

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### VOLCANO CRISIS COMMUNICATION

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**Springer** This open access book provides a comprehensive overview of volcanic crisis research, the goal being to establish ways of successfully applying volcanology in practice and to identify areas that need to be addressed for future progress. It shows how volcano crises are managed in practice, and helps to establish best practices. Consequently the book brings together authors from all over the globe who work with volcanoes, ranging from observatory volcanologists, disaster practitioners and government officials to NGO-based and government practitioners to address three key aspects of volcanic crises. First, the book explores the unique nature of volcanic hazards, which makes them a particularly challenging threat to forecast and manage, due in part to their varying spatial and temporal characteristics. Second, it presents lessons learned on how to best manage volcanic events based on a number of crises that have shaped our understanding of volcanic hazards and crises management. Third, it discusses the diverse and wide-ranging aspects of communication involved in crises, which merge old practices and new technologies to accommodate an increasingly challenging and globalised world. The information and insights presented here are essential to tapping established knowledge, moving towards more robust volcanic crises management, and understanding how the volcanic world is perceived from a range of standpoints and contexts around the globe.

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## MANAGING AQUIFER RECHARGE

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## A SHOWCASE FOR RESILIENCE AND SUSTAINABILITY

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UNESCO Publishing

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## RULE REPRESENTATION, INTERCHANGE AND REASONING ON THE WEB

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### INTERNATIONAL SYMPOSIUM, RULEML 2008, ORLANDO, FL, USA, OCTOBER 30-31, 2008. PROCEEDINGS

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**Springer Science & Business Media** The 2008 International Symposium on Rule Interchange and Applications (RuleML th 2008), collocated in Orlando, Florida, with the 11 International Business Rules - rum, was the premier place to meet and to exchange ideas from all fields of rules te- nologies. The aim of RuleML 2008 was both to present new and interesting research results and to show successfully deployed rule-based applications. This annual sym- sium is the flagship event of the Rule Markup and Modeling Initiative (RuleML). The RuleML Initiative ([www.ruleml.org](http://www.ruleml.org)) is a non-profit umbrella organization of several technical groups organized by representatives from academia, industry and government working on rule technologies and applications. Its aim is to promote the study, research and application of rules in heterogeneous distributed environments such as the Web. RuleML maintains effective links with other major international societies and acts as intermediary between various 'specialized' rule vendors, appli- tions, industrial and academic research groups, as well as standardization efforts from, for example, W3C, OMG, and OASIS.

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## RISKS AND SECURITY OF INTERNET AND SYSTEMS

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### 12TH INTERNATIONAL CONFERENCE, CRISIS 2017, DINARD, FRANCE, SEPTEMBER 19-21, 2017, REVISED SELECTED PAPERS

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**Springer** This book constitutes the revised selected papers from the 12th International Conference on Risk and Security of Internet and Systems, CRISIS 2017, held in Dinard, France, in September 2017. The 12 full papers and 5 short papers presented in this volume were carefully reviewed and selected from 42 submissions. They cover diverse research themes, ranging from classic topics, such as vulnerability analysis and classification; apps security; access control and filtering; cloud security; cyber-insurance and cyber threat intelligence; human-centric security and trust; and risk analysis.

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## ICT FOR A BETTER LIFE AND A BETTER WORLD

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### THE IMPACT OF INFORMATION AND COMMUNICATION TECHNOLOGIES ON ORGANIZATIONS AND SOCIETY

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**Springer** This book focuses on the impact of information and communication technologies (ICTs) on organizations and society as a whole. Specifically, it examines how such technologies improve our lives and facilitate our work. A main aspect explored is how actors understand the potential of ICTs to support organizational activities and hence, how they adopt and adapt these technologies to achieve their goals. The book collects papers on various areas of organizational strategy, e.g. new business models, competitive strategies, knowledge management and more. The main areas dealt with are new technologies for a better life, innovations for e-government, and technologies enhancing enterprise modeling. In addition, the book addresses how organizations impact society through sustainable development and social responsibility, and how ICTs employ social media networks in the process of value co-creation.

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## GLOBAL FINANCIAL DEVELOPMENT REPORT 2014

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### FINANCIAL INCLUSION

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**World Bank Publications** The second issue in a new series, Global Financial Development Report 2014 takes a step back and re-examines financial inclusion from the perspective of new global datasets and new evidence. It builds on a critical mass of new research and operational work produced by World Bank Group staff as well as outside researchers and contributors.

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## TRENDS AND INNOVATIONS IN INFORMATION SYSTEMS AND TECHNOLOGIES

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### VOLUME 1

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**Springer Nature** This book gathers selected papers presented at the 2020 World Conference on Information Systems and Technologies (WorldCIST'20), held in Budva, Montenegro, from April 7 to 10, 2020. WorldCIST provides a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences with and challenges regarding various aspects of modern information systems and technologies. The main topics covered are A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human-Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; and N) Technologies for Biomedical Applications.

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## TEACHING TRANSLATION FROM SPANISH TO ENGLISH

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## WORLDS BEYOND WORDS

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**University of Ottawa Press** While many professional translators believe the ability to translate is a gift that one either has or does not have, Allison Beeby Lonsdale questions this view. In her innovative book, she demonstrates how teachers can guide their students by showing them how insights from communication theory, discourse analysis, pragmatics, and semiotics illuminate the translation process. Challenging long-held assumptions, she establishes a fascinating framework on which to base the structure of a professional prose-translation class. Her original contributions to the question of directionality and to the specific strategies of translating are applicable to not only the teaching of translation from Spanish to English, but to other teaching situations and to other pairs of languages as well. She also reviews the latest attempts in translation theory to define and contextualize ideal translator competence, student translator competence, and general translation strategies. Beeby Lonsdale completes her book by applying her conclusions to selecting and organizing the content of teaching translation from Spanish to English. She illustrates one or more of the basic translation principles through 29 teaching units, which are prefaced by objectives, tasks, and commentaries for the teacher, and through 48 task sheets, which show how to present the material to students.

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## ADMISSION ASSESSMENT EXAM REVIEW E-BOOK

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**Elsevier Health Sciences** Passing the HESI Admission Assessment Exam is the first step on the journey to becoming a successful healthcare professional. Be prepared to pass the exam with the most up-to-date HESI Admission Assessment Exam Review, 5th Edition! From the testing experts at HESI, this user-friendly guide walks you through the topics and question types found on admission exams, including: math, reading comprehension, vocabulary, grammar, biology, chemistry, anatomy and physiology, and physics. The guide includes hundreds of sample questions as well as step-by-step explanations, illustrations, and comprehensive practice exams to help you review various subject areas and improve test-taking skills. Plus, the pre-test and post-test help identify your specific weak areas so study time can be focused where it's needed most. HESI Hints boxes offer valuable test-taking tips, as well as rationales, suggestions, examples, and reminders for specific topics. Step-by-step explanations and sample problems in the math section show you how to work through each and know how to answer. Sample questions in all sections prepare you for the questions you will find on the A2 Exam. A 25-question pre-test at the beginning of the text helps assess your areas of strength and weakness before using the text. A 50-question comprehensive post-test at the back of the text includes rationales for correct and incorrect answers. Easy-to-read format with consistent section features (introduction, key terms, chapter outline, and a bulleted summary) help you organize your review time and understand the information. NEW! Updated, thoroughly reviewed content helps you prepare to pass the HESI Admission Assessment Exam. NEW! Comprehensive practice exams with over 200 questions on the Evolve companion site help you become familiar with the types of test questions.

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## HIGHER EDUCATION: HANDBOOK OF THEORY AND RESEARCH

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**Springer Science & Business Media** Published annually since 1985, the Handbook series provides a compendium of thorough and integrative literature reviews on a diverse array of topics of interest to the higher education scholarly and policy communities. Each chapter provides a comprehensive review of research findings on a selected topic, critiques the research literature in terms of its conceptual and methodological rigor, and sets forth an agenda for future research intended to advance knowledge on the chosen topic. The Handbook focuses on twelve general areas that encompass the salient dimensions of scholarly and policy inquiries undertaken in the international higher education community. The series is fortunate to have attracted annual contributions from distinguished scholars throughout the world.

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## BIOSYSTEMS ENGINEERING: BIOFACTORIES FOR FOOD PRODUCTION IN THE CENTURY XXI

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**Springer Science & Business Media** This book presents new food production systems (for plants and animals) involving agrochemicals that increase in a controlled manner the bioactives content, under greenhouse conditions. Moreover, conception and design of new instrumentation for precision agriculture and aquaculture contributing in food production is also highlighted in this book.

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## HUMAN INTERACTION, EMERGING TECHNOLOGIES AND FUTURE APPLICATIONS III

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### PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON HUMAN INTERACTION AND EMERGING TECHNOLOGIES: FUTURE APPLICATIONS (IHET 2020), AUGUST 27-29, 2020, PARIS, FRANCE

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**Springer Nature** This book reports on research and developments in human-technology interaction. A special emphasis is given to human-computer interaction, and its implementation for a wide range of purposes such as healthcare, aerospace, telecommunication, and education, among others. The human aspects are analyzed in detail. Timely studies on human-centered design, wearable technologies, social and affective computing, augmented, virtual and mixed reality simulation, human rehabilitation and biomechanics represent the core of the book. Emerging technology applications in business, security, and infrastructure are also critically examined, thus offering a timely, scientifically-grounded, but also professionally-oriented snapshot of the current state of the field. The book is based on contributions presented at the 3rd International Conference on Human Interaction and Emerging Technologies: Future Applications, IHET 2020, held on August 27-29, 2020. It offers a timely survey and a practice-oriented reference guide to researchers and professionals dealing with design and/or management of the new generation of service systems.

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## THE SCIENCE OF HEALTH DISPARITIES RESEARCH

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**John Wiley & Sons** Integrates the various disciplines of the science of health disparities in one comprehensive volume The Science of Health Disparities Research is an indispensable source of up-to-date information on clinical and translational health disparities science. Building upon the advances in health disparities research over the past decade, this authoritative volume informs policies and practices addressing the diseases, disorders, and gaps in health outcomes that are more prevalent in minority populations and socially disadvantaged communities. Contributions by recognized scholars and leaders in the field—featuring contemporary research, conceptual models, and a broad range of scientific perspectives—provide an interdisciplinary approach to reducing inequalities in population health, encouraging community engagement in the research process, and promoting social justice. In-depth chapters help readers better understand the specifics of minority health and health disparities while demonstrating the importance of advancing theory, refining measurement, improving investigative methods, and diversifying scientific research. In 26 chapters, the book examines topics including the etiology of health disparities research, the determinants of population health, research ethics, and research in African American, Asians, Latino, American Indian, and other vulnerable populations. Providing a unified framework on the principles and applications of the science of health disparities research, this important volume: Defines the field of health disparities science and suggests new directions in scholarship and research Explains basic definitions, principles, and concepts for identifying, understanding and addressing health disparities Provides guidance on both conducting health disparities research and translating the results Examines how social, historical and contemporary injustices may influence the health of racial and ethnic minorities Illustrates the increasing national and global importance of addressing health disparities Discusses population health training, capacity-building, and the transdisciplinary tools needed to advance health equity A significant contribution to the field, The Science of Health Disparities Research is an essential resource for students and basic and clinical researchers in genetics, population genetics, and public health, health care policymakers, and epidemiologists, medical students, and clinicians, particularly those working with minority, vulnerable, or underserved populations.

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## NOTHING ABOUT US WITHOUT US

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## DISABILITY OPPRESSION AND EMPOWERMENT

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**Univ of California Press** "A study of the global oppression of people with disabilities and the international movement that has recently emerged to resist it ... A theoretical overview of disability oppression that shows its similarities to, and differences from, racism, sexism, and colonialism."--Jacket.

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## EXTRAORDINARY ENCOUNTERS

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## AN ENCYCLOPEDIA OF EXTRATERRESTRIALS AND OTHERWORLDLY BEINGS

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**Abc-Clio Incorporated** Entries describe an array of fantastic beings and events as well as the real-life people who claim to have witnessed them.

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## THE IMAGINATION OF THE NEW LEFT

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## A GLOBAL ANALYSIS OF 1968

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**South End Press** "The Imagination of the New Left" brings to life the social movements and events of the 1960s that made it a period of world-historical importance: the Prague Spring; the student movements in Mexico, Japan, Sri Lanka, Italy, Yugoslavia, and Spain; the Tet Offensive in Vietnam and guerilla movements in Latin America; the Democratic Convention in Chicago; the assassination of Martin Luther King; the near-revolution in France of May 1968; and the May 1970 student strike in the United States. Despite its apparent failure, the New Left represented a global transition to a newly defined cultural and political epoch, and its impact continues to be felt today.

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## PHYSICS OF CANCER

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**Iop Publishing Limited** 'Physics of Cancer' emphasizes a novel biophysical-based view on cancer disease and metastasis highlighting the functional role of mechanical properties of cells while describing the biological state of cancer. Originating in part from the author's own courses on tumor biology and cellular biophysics, this book is suitable for students and researchers in this dynamic interdisciplinary field, be they from a physical, biological or medical sciences background.

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## MARK ROTHKO'S HARVARD MURALS

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**Wm Hays Fogg Art Museum** The strange story of Harvard's Rothko murals has become part of the legend of contemporary art. Staff at Harvard Art Museums' Center for Conservation and Technical Research oversaw repairs and remounting of these large yet fragile works in preparation for a major exhibition at the Arthur M. Sackler Museum in August 1988. They were removed from the dining room of Harvard's Holyoke Center where they had hung since 1963 (a gift from the artist), suffering from tears, stains, graffiti, and severe color shifts from exposure to sunlight and instability in the artist's materials. (Harvard University Art Museums)

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## 13TH INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE IN SECURITY FOR INFORMATION SYSTEMS (CISIS 2020)

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**Springer Nature** This book contains accepted papers presented at CISIS 2020 held in the beautiful and historic city of Burgos (Spain), in September 2020. The aim of the CISIS 2020 conference is to offer a meeting opportunity for academic and industry-related researchers belonging to the various, vast communities of computational intelligence, information security, and data mining. The need for intelligent, flexible behaviour by large, complex systems, especially in mission-critical domains, is intended to be the catalyst and the aggregation stimulus for the overall event. After a thorough peer-review process, the CISIS 2020 International Program Committee selected 43 papers which are published in these conference proceedings achieving an acceptance rate of 28%. Due to the COVID-19 outbreak, the CISIS 2020 edition was blended, combining on-site and on-line participation. In this relevant edition, a special emphasis was put on the organization of five special sessions related to relevant topics as Fake News Detection and Prevention, Mathematical Methods and Models in Cybersecurity, Measurements for a Dynamic Cyber-Risk Assessment, Cybersecurity in a Hybrid Quantum World, Anomaly/Intrusion Detection, and From the least to the least: cryptographic and data analytics solutions to fulfil least minimum privilege and endorse least minimum effort in information systems. The selection of papers was extremely rigorous in order to maintain the high quality of the conference and we would like to thank the members of the Program Committees for their hard work in the reviewing process. This is a crucial process to the creation of a high standard conference, and the CISIS conference would not exist without their help.

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## APPLIED COMPUTER SCIENCES IN ENGINEERING

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### 5TH WORKSHOP ON ENGINEERING APPLICATIONS, WEA 2018, MEDELLÍN, COLOMBIA, OCTOBER 17-19, 2018, PROCEEDINGS, PART I

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**Springer** This two-volume set (CCIS 915 and CCIS 916) constitutes the refereed proceedings of the 5th Workshop on Engineering Applications, WEA 2018, held in Medellín, Colombia, in October 2018. The 50 revised full papers presented in this volume were carefully reviewed and selected from 126 submissions. The papers are organized in topical sections such as computer science; computational intelligence; simulation systems; software engineering; power and energy applications.

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## ADVANCED NATURAL GAS ENGINEERING

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**Elsevier** Natural gas is playing an increasing role in meeting world energy demands because of its abundance, versatility, and its clean burning nature. As a result, lots of new gas exploration, field development and production activities are under way, especially in places where natural gas until recently was labeled as "stranded". Because a significant portion of natural gas reserves worldwide are located across bodies of water, gas transportation in the form of LNG or CNG becomes an issue as well. Finally natural gas is viewed in comparison to the recently touted alternatives. Therefore, there is a need to have a book covering all the unique aspects and challenges related to natural gas from the upstream to midstream and downstream. All these new issues have not been addressed in depth in any existing book. To bridge the gap, Xiuli Wang and Michael Economides have written a new book called Advanced Natural Gas Engineering. This book will serve as a reference for all engineers and professionals in the energy business. It can also be a textbook for students in petroleum and chemical engineering curricula and in training departments for a large group of companies.

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## MATHEMATICS FRAMEWORK FOR CALIFORNIA PUBLIC SCHOOLS

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### KINDERGARTEN THROUGH GRADE TWELVE

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"Adopted by the California State Board of Education, March 2005"--Cover.

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## HANDBOOK OF NATURAL GAS TRANSMISSION AND PROCESSING

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### PRINCIPLES AND PRACTICES

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**Gulf Professional Publishing** Written by an internationally-recognized team of natural gas industry experts, the fourth edition of Handbook of Natural Gas Transmission and Processing is a unique, well-researched, and comprehensive work on the design and operation aspects of natural gas transmission and processing. Six new chapters have been added to include detailed discussion of the thermodynamic and energy efficiency of relevant processes, and recent developments in treating super-rich gas, high CO<sub>2</sub> content gas, and high nitrogen content gas with other contaminants. The new material describes technologies for processing today's unconventional gases, providing a fresh approach in solving today's gas processing challenges including greenhouse gas emissions. The updated edition is an excellent platform for gas processors and educators to understand the basic principles and innovative designs necessary to meet today's environmental and sustainability requirement while delivering acceptable project economics. Covers all technical and operational aspects of natural gas transmission and processing. Provides pivotal updates on the latest technologies, applications, and solutions. Helps to understand today's natural gas resources, and the best gas processing technologies. Offers design optimization and advice on the design and operation of gas plants.

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## THE MATHEMATICAL LEGACY OF VICTOR LOMONOSOV

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### OPERATOR THEORY

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**Walter de Gruyter GmbH & Co KG** The fundamental contributions made by the late Victor Lomonosov in several areas of analysis are revisited in this book, in particular, by presenting new results and future directions from world-recognized specialists in the field. The invariant subspace problem, Burnside's theorem, and the Bishop-Phelps theorem are discussed in detail. This volume is an essential reference to both researchers and graduate students in mathematical analysis.

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## HOW TO TRAIN YOUR ROBOT

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Can robots learn? Bloom and her friends in the Razzle-Dazzle Robot Club hope so. They build a robot and try to train it to clean up their workshop, but that turns out to be harder than it sounds. Will Clark the Cleaning Robot ever learn to clean up?

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## THE JESUITS

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### A HISTORY FROM IGNATIUS TO THE PRESENT

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**Rowman & Littlefield** As Pope Francis continues to make his mark on the church, there is increased interest in his Jesuit background—what is the Society of Jesus, how is it different from other religious orders, and how has it shaped the world? In *The Jesuits*, acclaimed historian John W. O'Malley, SJ, provides essential historical background from the founder Ignatius of Loyola through the present. The book tells the story of the Jesuits' great successes as missionaries, educators, scientists, cartographers, polemicists, theologians, poets, patrons of the arts, and confessors to kings. It tells the story of their failures and of the calamity that struck them in 1773 when Pope Clement XIV suppressed them worldwide. It tells how a subsequent pope restored them to life and how they have fared to this day in virtually every country in the world. Along the way it introduces readers to key figures in Jesuit history, such as Matteo Ricci and Pedro Arrupe, and important Jesuit writings, such as the *Spiritual Exercises*. Concise and compelling, *The Jesuits* is an accessible introduction for anyone interested in world or church history. In addition to the narrative, the book provides a timeline, a list of significant figures, photos of important figures and locations, recommendations for additional reading, and more.

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### A HISTORY OF UNESCO

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**UNESCO** This history of UNESCO retraces almost 50 years in the life of the international organization, whose action in fields such as education, science, culture and communication have been at the heart of changes since World War II.

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### AWESOME POLYNOMIALS FOR MATHEMATICS COMPETITIONS

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### EXTENDING CHILDREN'S MATHEMATICS

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### FRACTIONS AND DECIMALS

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**Heinemann Educational Books** "With the collaboration of a number of dedicated teachers and their students, Susan Empson and Linda Levi have produced a volume that is faithful to the basic principles of CGI while at the same time covering new ground with insight and innovation." -Thomas P. Carpenter This highly anticipated follow-up volume to the landmark *Children's Mathematics: Cognitively Guided Instruction* addresses the urgent need to help teachers understand and teach fraction concepts. Fractions remain one of the key stumbling blocks in math education, and here Empson and Levi lay a foundation for understanding fractions and decimals in ways that build conceptual learning. They show how the same kinds of intuitive knowledge and sense making that provides the basis for children's learning of whole number arithmetic can be extended to fractions and decimals. Just as they did in *Children's Mathematics* and *Thinking Mathematically*, Empson and Levi provide important insights into children's thinking and alternative approaches to solving problems. Three themes appear throughout the book: building meaning for fractions and decimals through discussing and solving word problems the progression of children's strategies for solving fraction word problems and equations from direct modeling through relational thinking designing instruction that capitalizes on students' relational thinking strategies to integrate algebra into teaching and learning fractions. With illuminating examples of student work, classroom vignettes, "Teacher Commentaries" from the field, sample problems and instructional guides provided in each chapter, you'll have all the tools you need to teach fractions and decimals with understanding and confidence.

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### FOR YOUR OWN GOOD

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### TAXES, PATERNALISM, AND FISCAL DISCRIMINATION IN THE TWENTY-FIRST CENTURY

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In *For Your Own Good*, experts Adam Hoffer and Todd Nesbit bring together the work of 25 scholars in the field of public choice economics to raise awareness of the consequences of selective taxation and encourage a better-informed debate over such policies.