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KEY=MATHEMATICS - ESTHER NOELLE

CAMBRIDGE INTERNATIONAL AS & A LEVEL MATHEMATICS PURE MATHEMATICS 2 QUESTION & WORKBOOK

Hodder Education Reinforce learning and deepen understanding of the key concepts covered in the syllabus; an ideal course companion or homework book for use throughout the course. - Develop and strengthen skills and knowledge with a wealth of additional exercises that perfectly supplement the Student's Book - Build confidence with extra practice for each lesson to ensure that a topic is thoroughly understood before moving on - Ensure students know what to expect with hundreds of rigorous practice and exam-style questions. - Keep track of students' work with ready-to-go write-in exercises This title has not been through the Cambridge Assessment International Education endorsement process.

PURE MATHEMATICS

THE MATHEMATICAL THEORY OF SYMMETRY IN SOLIDS

REPRESENTATION THEORY FOR POINT GROUPS AND SPACE GROUPS

Oxford University Press This classic book gives, in extensive tables, the irreducible representations of the crystallographic point groups and space groups. These are useful in studying the eigenvalues and eigenfunctions of a particle or quasi-particle in a crystalline solid. The theory is extended to the corepresentations of the Shubnikov groups.

DIFFERENCE EQUATIONS, DISCRETE DYNAMICAL SYSTEMS AND APPLICATIONS

ICDEA 23, TIMIȘOARA, ROMANIA, JULY 24-28, 2017

Springer The book presents the proceedings of the 23rd International Conference on Difference Equations and Applications, ICDEA 2017, held at the West University of Timișoara, Romania, under the auspices of the International Society of Difference Equations (ISDE), July 24 - 28, 2017. It includes new and significant contributions in the field of difference equations, discrete dynamical systems and their applications in various sciences. Disseminating recent studies and related results and promoting advances, the book appeals to PhD students, researchers, educators and practitioners in the field.

HANDBOOK OF VITAMINS

CRC Press Within the last few years, knowledge about vitamins has increased dramatically, resulting in improved understanding of human requirements for many vitamins. This new edition of a bestseller presents comprehensive summaries that analyze the chemical, physiological, and nutritional relationships, as well as highlight newly identified functions, for a

PI - UNLEASHED

Springer Science & Business Media In the 4,000-year history of research into Pi, results have never been as prolific as present. This book describes, in easy-to-understand language, the latest and most fascinating findings of mathematicians and computer scientists in the field of Pi. Attention is focused on new methods of high-speed computation.

SIGNAL PROCESSING

A MATHEMATICAL APPROACH, SECOND EDITION

CRC Press **Signal Processing: A Mathematical Approach** is designed to show how many of the mathematical tools the reader knows can be used to understand and employ signal processing techniques in an applied environment. Assuming an advanced undergraduate- or graduate-level understanding of mathematics—including familiarity with Fourier series, matrices, probability, and statistics—this Second Edition: Contains new chapters on convolution and the vector DFT, plane-wave propagation, and the BLUE and Kalman filters Expands the material on Fourier analysis to three new chapters to provide additional background information Presents real-world examples of applications that demonstrate how mathematics is used in remote sensing Featuring problems for use in the classroom or practice, **Signal Processing: A Mathematical Approach, Second Edition** covers topics such as Fourier series and transforms in one and several variables; applications to acoustic and electro-magnetic propagation models, transmission and emission tomography, and image reconstruction; sampling and the limited data problem; matrix methods, singular value decomposition, and data compression; optimization techniques in signal and image reconstruction from projections; autocorrelations and power spectra; high-resolution methods; detection and optimal filtering; and eigenvector-based methods for array processing and statistical filtering, time-frequency analysis, and wavelets.

INDIVIDUAL DIFFERENCES IN ARITHMETIC

IMPLICATIONS FOR PSYCHOLOGY, NEUROSCIENCE AND EDUCATION

Routledge Arithmetic is still hugely important in many aspects of modern life, but our personal attitudes to it differ greatly. Many people struggle with the basic principles of arithmetic, whilst others love it and feel confident in their arithmetical abilities. Why are there so many individual differences in people's performance in, and feelings about, arithmetic? **Individual Differences in Arithmetic** explores the idea that there is no such thing as arithmetical ability, only arithmetical abilities. The book discusses several important components of arithmetic, from counting principles and procedures to arithmetical estimation, alongside emotional and cognitive components of arithmetical performance. This edition has been extensively revised to include the latest research, including recent cross-cultural and cross-linguistic research, the development of new interventions for children with difficulties and studies of early foundations of mathematical abilities. Drawing on developmental, educational, cognitive and neuropsychological studies, this book will be essential reading for all researchers of mathematical cognition. It will also be of interest to educators and other professionals working within individuals with arithmetic deficits.

AN ESSAY ON THE NATURE AND SIGNIFICANCE OF ECONOMIC SCIENCE

Ludwig von Mises Institute This book by Lionel Robbins first appeared in 1932 as an outstanding English-language statement of the Misesian view of economic method, namely that economics is a social science and must advance its propositions by means of deductive reasoning and not through the methods used in the natural sciences. The case is argued here with patience and attention to scholarly details. The unfortunate second edition of this book, which is more available today, introduces confusions by departing from Austrian microeconomic theory. Thus does the Mises Institute celebrate the 75th anniversary of the first edition with this reprint. "Reading Robbins," writes Samuel Bostaph of the University of Dallas, "is an excellent way of contrasting his explanation of the basic nature of economics with that of the Austrian School, as found in the work of Mises as an extension of Carl Mengers's foundations. Such a reading wonderfully clarifies one's understanding of the basic conception of economics as a science of human action, rather than one of mere 'economizing.' "

A FIRST COURSE IN THEORY OF NUMBERS

Contents: Number System; Congruencies And Its Basic Properties; Algebraic Congruences And Primitive Roots; Arithmetic Functions; Farey Sequence, Continued Fraction, Pell S Equations; Quadratic Residues, Levender S Symbols, Jacobi S Symbols; Homogeneous Quadratic Diophantine Equation; Some Number Theoretic Problems Related To Mathematics Olympiads; Answers; Etc.

REASONED PROGRAMMING

Prentice Hall Direct This text is for use by advanced undergraduate/graduate students of computer science.

PARSING TECHNIQUES

A PRACTICAL GUIDE

Springer Science & Business Media This second edition of Grune and Jacobs' brilliant work presents new developments and discoveries that have been made in the field. Parsing, also referred to as syntax analysis, has been and continues to be an essential part of computer science and linguistics. Parsing techniques have grown considerably in importance, both in computer science, ie. advanced compilers often use general CF parsers, and computational linguistics where such parsers are the only option. They are used in a variety of software products including Web browsers, interpreters in computer devices, and data compression programs; and they are used extensively in linguistics.

ADAPTING TO CLIMATE CHANGE

THRESHOLDS, VALUES, GOVERNANCE

Cambridge University Press This presents top scientific research by leading researchers and practitioners on the critical issue of adapting to climate change.

UNDERSTANDING PURE MATHEMATICS

Oxford University Press - Children A classic single-volume textbook, popular for its direct and straightforward approach. Understanding Pure Mathematics starts by filling the gap between GCSE and A Level and builds on this base for candidates taking either single-subject or double-subject A Level.

COSMECEUTICALS AND ACTIVE COSMETICS

CRC Press Cosmeceuticals and Active Cosmetics discusses the science of nearly two dozen cosmeceuticals used today. This third edition provides ample evidence on specific cosmeceutical substances, their classes of use, skin conditions for which they are used, and points of interest arising from other considerations, such as toxicology and manufacturing. The book discusses both cosmetic and therapeutic uses of cosmeceuticals for various conditions including rosacea, dry skin, alopecia, eczema, seborrheic dermatitis, purpura, and vitiligo. Active ingredients in the following products are discussed: caffeine, curcumin, green tea, Rhodiola rosea, milk thistle, and more. Also covered are topical peptides and proteins, amino acids and derivatives, antioxidants, vitamins E and C, niacinamide, botanical extracts, and biomarine actives. Providing ample scientific references, this book is an excellent guide to understanding the science behind the use of cosmeceuticals to treat a variety of dermatological conditions.

TRIGONOMETRY

Springer Science & Business Media In a sense, trigonometry sits at the center of high school mathematics. It originates in the study of geometry when we investigate the ratios of sides in similar right triangles, or when we look at the relationship between a chord of a circle and its arc. It leads to a much deeper study of periodic functions, and of the so-called transcendental functions, which cannot be described using finite algebraic processes. It also has many applications to physics, astronomy, and other branches of science. It is a very old subject. Many of the geometric results that we now state in trigonometric terms were given a purely geometric exposition by Euclid. Ptolemy, an early astronomer, began to go beyond Euclid, using the geometry of the time to construct what we now call tables of values of trigonometric functions. Trigonometry is an important introduction to calculus, where one studies what mathematicians call analytic properties of functions. One of the goals of this book is to prepare you for a course in calculus by directing your attention away from particular values of a function to a study of the function as an object in itself. This way of thinking is useful not just in calculus, but in many mathematical situations. So trigonometry is a part of pre-calculus, and is related to other pre-calculus topics, such as exponential and logarithmic functions, and complex numbers.

THE CULT OF THE MARKET

ECONOMIC FUNDAMENTALISM AND ITS DISCONTENTS

ANU E Press "The Cult of the Market: Economic Fundamentalism and its Discontents" disputes the practical value of the shallow, all-encompassing, dogmatic, economic fundamentalism espoused by policy elites in recent public policy debates, along with their gross simplifications and sacred rules. Economics cannot provide a convincing overarching theory of government action or of social action more generally. Furthermore, mainstream economics fails to get to grips with the economic system as it actually operates. It advocates a more overtly experimental, eclectic and pragmatic approach to policy development which takes more seriously the complex, interdependent, evolving nature of society and the economy. Importantly, it is an outlook that recognises the pervasive influence of asymmetries of wealth, power and information on bargaining power and prospects throughout society. The book advocates a major reform of the teaching of economics"--Provided by publisher.

ENCYCLOPEDIA OF LINGUISTICS

Routledge Utilizing a historical and international approach, this valuable two-volume resource makes even the more complex linguistic issues understandable for the non-specialized reader. Containing over 500 alphabetically arranged entries and an expansive glossary by a team of international scholars, the Encyclopedia of Linguistics explores the varied perspectives, figures, and methodologies that make up the field.

THIRTY FIVE YEARS OF AUTOMATING MATHEMATICS

Springer Science & Business Media THIRTY FIVE YEARS OF AUTOMATING MATHEMATICS: DEDICATED TO 35 YEARS OF DE BRUIJN'S AUTOMATH N. G. de Bruijn was a well established mathematician before deciding in 1967 at the age of 49 to work on a new direction related to Automating Mathematics. By then, his contributions in mathematics were numerous and extremely influential. His book on advanced asymptotic methods, North Holland 1958, was a classic and was subsequently turned into a book in the well known Dover book series. His work on combinatorics yielded influential notions and theorems of which we mention the de Bruijn-sequences of 1946 and the de Bruijn-Erdos theorem of 1948. De Bruijn's contributions to mathematics also included his work on generalized function theory, analytic number theory, optimal control, quasicrystals, the mathematical analysis of games and much more. In the 1960s de Bruijn became fascinated by the new computer technology and as a result, decided to start the new AUTOMATH project where he could check, with the help of the computer, the correctness of books of mathematics. In each area that de Bruijn approached, he shed a new light and was known for his originality and for making deep intellectual contributions. And when it came to automating mathematics, he again did it his way and introduced the highly influential AUTOMATH. In the past decade he has also been working on theories of the human brain.

THE FLAWED FOUNDATIONS OF GENERAL EQUILIBRIUM THEORY

CRITICAL ESSAYS ON ECONOMIC THEORY

Routledge This book, as the title suggests, explains how General equilibrium, the dominant conceptual framework in mainstream economics, describes a perfectly impossible world. Even with its counterfactual assumptions taken for granted, it fails on many levels. Under the impressive editorship of Ackerman and Nadal, this book will appeal to students and researchers in economics and related social science disciplines.

SENSORY LINGUISTICS

LANGUAGE, PERCEPTION AND METAPHOR

John Benjamins Publishing Company One of the most fundamental capacities of language is the ability to express what speakers see, hear, feel, taste, and smell. Sensory Linguistics is the interdisciplinary study of how language relates to the senses. This book deals with such foundational questions as: Which semiotic strategies do speakers use to express sensory perceptions? Which perceptions are easier to encode and which are "ineffable"? And what are appropriate methods for studying the sensory aspects of linguistics? After a broad overview of the field, a detailed quantitative corpus-based study of English sensory adjectives and their metaphorical uses is presented. This analysis calls age-old ideas into question, such as the idea that the use of perceptual metaphors is governed by a cognitively motivated "hierarchy of the senses". Besides making theoretical contributions to cognitive linguistics, this research monograph showcases new empirical methods for studying lexical semantics using contemporary statistical methods.

THE OPEN ECONOMY MACROMODEL: PAST, PRESENT AND FUTURE

Springer Science & Business Media The impetus for the conference that was the basis for this volume emanated from the influence of two brilliant minds-Egon Sohmen and Adam Klug, who both died at an early age, leaving their families and the professions of economics and economic history with major voids. In the course of research on the origins of Open Economy Macroeconomics, the significant contributions of Egon Sohmen came to the fore. After correspondence with some of those involved in the early development of the Open Economy Macromodel, we turned to Adam Klug for his views on the matter-as he had dealt with the history of intertemporal trade models in his Ph. D. thesis. And it was Adam who suggested the idea of a conference bringing together economists and economic historians. At this point we want to acknowledge the very generous grant from the Egon Sohmen Foundation and the active participation of Dr. Helmut Sohmen and Mrs. Renee Sohmen at the conference. We also want to thank Prof. Sir Aaron Klug, Nobel Laureate, and the Klug family for their support and the financial contribution of the Adam Klug Memorial Lecture Fund at Ben Gurion University. Other institutions that contributed to the conference were the Gianni Foundation; Bank of Israel; University of North Carolina; Department of Economics, Faculty of Social Science and Aharon Meir Center for Banking, Bar Ilan University; Department of Economics and Faculty of Social Science, Ben-Gurion University of the Negev.

WELFARE THEORY, PUBLIC ACTION, AND ETHICAL VALUES

REVISITING THE HISTORY OF WELFARE ECONOMICS

Cambridge University Press This volume revisits the history of welfare economics, showing that economists have regularly drawn on ethical values for practical issues.

MODERN METEOR SCIENCE

AN INTERDISCIPLINARY VIEW

Springer Science & Business Media This volume contains leading edge research and authoritative reviews in meteor science. It provides a comprehensive view of meteoroid research

including the dynamics, sources and distribution of these bodies. Techniques for investigation of meteor phenomena in the book include conventional and large aperture radar systems, spacecraft detection, optical systems, spectral measurements, and laboratory based interplanetary dust particle studies.

MECHANICAL TESTING OF ADVANCED FIBRE COMPOSITES

Elsevier Testing of composite materials can present complex problems but is essential in order to ensure the reliable, safe and cost-effective performance of any engineering structure. This essentially practical book, compiled from the contributions of leading professionals in the field, describes a wide range of test methods which can be applied to various types of advanced fibre composites. The book focuses on high modulus, high strength fibre/plastic composites and also covers highly anisotropic materials such as carbon, aramid and glass. Engineers and designers specifying the use of materials in structures will find this book an invaluable guide to best practice throughout the range of industrial sectors where FRCs are employed.

VITAMIN AND MINERAL REQUIREMENTS IN HUMAN NUTRITION

World Health Organization In the past 20 years micronutrients have assumed great public health importance and a considerable amount of research has led to increasing knowledge of their physiological role. Because it is a rapidly developing field, the WHO and FAO convened an Expert Consultation to evaluate the current state of knowledge. It had three main tasks: to review the full scope of vitamin and minerals requirements; to draft and adopt a report which would provide recommended nutrient intakes for vitamins A, C, D, E, and K; the B vitamins; calcium; iron; magnesium; zinc; selenium; and iodine; to identify key issues for future research and make preliminary recommendations for the handbook. This report contains the outcome of the Consultation, combined with up-to-date evidence that has since become available.

ESSENTIAL PURE MATHEMATICS

Aims to provide in one volume, everything needed to cover the pure mathematics contents of post-16 mathematics examinations.

ADVANCES ON MECHANICS, DESIGN ENGINEERING AND MANUFACTURING III

PROCEEDINGS OF THE INTERNATIONAL JOINT CONFERENCE ON MECHANICS, DESIGN ENGINEERING & ADVANCED MANUFACTURING, JCM 2020, JUNE 2-4, 2020

Springer Nature This open access book gathers contributions presented at the International Joint Conference on Mechanics, Design Engineering and Advanced Manufacturing (JCM 2020), held as a web conference on June 2-4, 2020. It reports on cutting-edge topics in product design and manufacturing, such as industrial methods for integrated product and process design; innovative design; and computer-aided design. Further topics covered include virtual simulation and reverse engineering; additive manufacturing; product manufacturing; engineering methods in medicine and education; representation techniques; and nautical, aeronautics and aerospace design and modeling. The book is organized into four main parts, reflecting the focus and primary themes of the conference. The contributions presented here not only provide researchers, engineers and experts in a range of industrial engineering subfields with extensive information to support their daily work; they are also intended to stimulate new research directions, advanced applications of the methods discussed and future interdisciplinary collaborations.

HANDBOOK OF PRODUCTION MANAGEMENT METHODS

Elsevier This unique book provides a guide to the selection of appropriate production and manufacturing methods for postgraduate and professional manufacturing engineers. It starts by helping the reader to identify the required objectives of industrial management for their particular situation. Having identified the objectives an analytical assessment of the available production and management methods is made. The analytical system presents an objective method of production selection. For example, this practical book will help the reader to decide whether or not a local Just-in-Time process is needed or a full chain JIT method is needed. Alternatively the problem may be deciding between set-up time reduction or changeover time reduction. Should TQM be ceded to PCs? This book covers nearly all methods of production and manufacturing and will prove the most comprehensive guide to choosing and using these methods. Only book of its kind available Widest coverage of methods available Analytical approach to decision making

CATEGORIES, RELATIONS AND DYNAMIC PROGRAMMING

This is the third contribution of this thesis: to develop practical results about minimisation in preorders."

SPORT AND PHYSICAL ACTIVITY FOR MENTAL HEALTH

John Wiley & Sons With approximately 1 in 6 adults likely to experience a significant mental health problem at any one time (Office for National Statistics), research into effective interventions has never been more important. During the past decade there has been an increasing interest in the role that sport and physical activity can play in the treatment of mental health problems, and in mental health promotion. The benefits resulting from physiological changes during exercise are well documented, including improvement in mood and control of anxiety and depression. Research also suggests that socio-cultural and psychological changes arising from engagement in sport and physical activity carry valuable mental health benefits. Sport and Physical Activity for Mental Health is an evidence-based practical guide for nurses, allied health professionals, social workers, physical activity leaders, and sport coaches. The authors provide comprehensive analysis of a broad range of client narratives, integrating theory and the latest research to explore the effectiveness of various interventions. The book offers readers detailed recommendations, suggestions, and ideas as to how sport and physical activity opportunities can be tailored to provide the greatest mental health benefits.

MODERN COMPILER IMPLEMENTATION IN C

Cambridge University Press This new, expanded textbook describes all phases of a modern compiler: lexical analysis, parsing, abstract syntax, semantic actions, intermediate representations, instruction selection via tree matching, dataflow analysis, graph-coloring register allocation, and runtime systems. It includes good coverage of current techniques in code generation and register allocation, as well as functional and object-oriented languages, that are missing from most books. In addition, more advanced chapters are now included so that it can be used as the basis for a two-semester or graduate course. The most accepted and successful techniques are described in a concise way, rather than as an exhaustive catalog of every possible variant. Detailed descriptions of the interfaces between modules of a compiler are illustrated with actual C header files. The first part of the book, Fundamentals of Compilation, is suitable for a one-semester first course in compiler design. The second part, Advanced Topics, which includes the advanced chapters, covers the compilation of object-oriented and functional languages, garbage collection, loop optimizations, SSA form, loop scheduling, and optimization for cache-memory hierarchies.

INFORMATION SYSTEMS

CRITICAL PERSPECTIVES

Routledge Whilst Information Systems has the potential to widen our view of the world, it often has the opposite effect by limiting our ability to interact, facilitating managerial and state surveillance or instituting strict hierarchies and personal control. In this book, Bernd Stahl offers an alternative and critical perspective on the subject, arguing that the ongoing problems in this area could be caused by the misconceptualization of the nature and role of IS. Stahl discusses the question of how IS can be used to actually overcome oppression and promote emancipation, breaking the book into four sections. The first section covers the theory of critical research in IS, giving a central place for the subject of ethics. The second section discusses the philosophical underpinnings of this critical research. The third and largest section gives examples of the application of critical work in IS. The final section then reflects on the approach and suggests ways for further development.

THE EVOLUTIONARY FOUNDATIONS OF ECONOMICS

Cambridge University Press It is widely recognised that mainstream economics has failed to translate micro consistently into macro economics and to provide endogenous explanations for the continual changes in the economic system. Since the early 1980s, a growing number of economists have been trying to provide answers to these two key questions by applying an evolutionary approach. This new departure has yielded a rich literature with enormous variety, but the unifying principles connecting the various ideas and views presented are, as yet, not apparent. This 2005 volume brings together fifteen original articles from scholars - each of whom has made a significant contribution to the field - in their common effort to reconstruct economics as an evolutionary science. Using meso economics as an analytical entity to bridge micro and macro economics as well as static and dynamic realms, a unified economic theory emerges.

NON-ASSOCIATIVE ALGEBRA AND ITS APPLICATIONS

Springer Science & Business Media This volume contains the proceedings of the Third International Conference on Non-Associative Algebra and Its Applications, held in Oviedo, Spain, July 12--17, 1993. The conference brought together specialists from all over the world who work in this interesting and active field, which is currently enjoying much attention. All aspects of non-associative algebra are covered. Topics range from purely mathematical subjects to a wide spectrum of applications, and from state-of-the-art articles to overview papers. This collection will point the way for further research for many years to come. The volume is of interest to researchers in mathematics as well as those whose work involves the application of non-associative algebra in such areas as physics, biology and genetics.

ADVANCED INTELLIGENT SYSTEMS FOR SUSTAINABLE DEVELOPMENT (AI2SD'2018)

VOL 2: ADVANCED INTELLIGENT SYSTEMS APPLIED TO ENERGY

Springer This book gathers papers presented at the International Conference on Advanced Intelligent Systems for Sustainable Development (AI2SD-2018), which was held in

Tangiers, Morocco on 12-14 July 2018. In addition to the latest research in the field of energy, it offers new solutions, tools and effective techniques, and provides essential information on smart grids, renewable and economical energy. Further, it addresses modeling, storage management and decision support in the field of energy, offering a valuable guide for researchers, professionals and all those who are interested in the development of advanced intelligent systems in the energy sector.

THE PUZZLE OF MODERN ECONOMICS

SCIENCE OR IDEOLOGY?

Cambridge University Press Does economics hold the key to everything or does the recent financial crisis show that it has failed? This book provides an assessment of modern economics that cuts through the confusion and controversy on this question. Case studies of the creation of new markets, the Russian transition to capitalism, globalization, and money and finance establish that economics has been very successful where problems have been well defined and where the world can be changed to fit the theory, but that it has been less successful in tackling bigger problems. The book then offers a historical perspective on how economists have, since the Second World War, tried to make their subject scientific. It explores the evolving relationship between science and ideology and investigates the place of heterodoxy and dissent within the discipline.

STRUCTURE AND REPRESENTATIONS OF JORDAN ALGEBRAS

American Mathematical Soc. The theory of Jordan algebras has played important roles behind the scenes of several areas of mathematics. Jacobson's book has long been the definitive treatment of the subject. It covers foundational material, structure theory, and representation theory for Jordan algebras. Of course, there are immediate connections with Lie algebras, which Jacobson details in Chapter 8. Of particular continuing interest is the discussion of exceptional Jordan algebras, which serve to explain the exceptional Lie algebras and Lie groups. Jordan algebras originally arose in the attempts by Jordan, von Neumann, and Wigner to formulate the foundations of quantum mechanics. They are still useful and important in modern mathematical physics, as well as in Lie theory, geometry, and certain areas of analysis.

COMPUTATIONAL SCIENCE AND ITS APPLICATIONS -- ICCSA 2013

13TH INTERNATIONAL CONFERENCE, ICCSA 2013, HO CHI MINH CITY, VIETNAM, JUNE 24-27, 2013, PROCEEDINGS, PART V

Springer The five-volume set LNCS 7971-7975 constitutes the refereed proceedings of the 13th International Conference on Computational Science and Its Applications, ICCSA 2013, held in Ho Chi Minh City, Vietnam in June 2013. The 248 revised papers presented in five tracks and 33 special sessions and workshops were carefully reviewed and selected. The 46 papers included in the five general tracks are organized in the following topical sections: computational methods, algorithms and scientific applications; high-performance computing and networks; geometric modeling, graphics and visualization; advanced and emerging applications; and information systems and technologies. The 202 papers presented in special sessions and workshops cover a wide range of topics in computational sciences ranging from computational science technologies to specific areas of computational sciences such as computer graphics and virtual reality.

POST KEYNESIAN ECONOMETRICS, MICROECONOMICS AND THE THEORY OF THE FIRM

BEYOND KEYNES

Edward Elgar Pub While the first conference (1993) focused on methodological issues, the 13 papers of the second are more concerned with developments in theory, empirical work, and policy questions as they seek to carry on the insights of economist John Maynard Keynes into and through the 1990s. Among the themes are the relationship between microeconomic and macroeconomic levels, uncertainty and its implications for individual behavior as it underpins macroeconomic behavior, and applying post- Keynesian theory to policy questions particularly in the international arena. The proceedings of the first conference were published under a separate title, and this series begins Volume One with the second conference. Annotation copyrighted by Book News, Inc., Portland, OR