

Plrom November 2012

Anitta M. Hipper examines to what extent and under what conditions the EU's transformative power met with resistance in Romania. The book touches upon a raw nerve for most post-communist societies: justice and anti-corruption reform. Through the use of a context-sensitive approach, it assesses how domestic factors influenced the implementation of EU conditionality towards Romania from 1990 to 2012. Empirical investigations reveal a struggle between various interested parties in complying with EU conditionality. As a result, a complex layer of (non-)compliance emerged and it became a Herculean task to ensure the sustainability of reform by reformist forces within Romania and the EU.

A Perfect Plan for the Perfect Score We want you to succeed on your AP* exam. That's why we've created this 5-step plan to help you study more effectively, use your preparation time wisely, and get your best score. This easy-to-follow guide offers you a complete review of your AP course, strategies to give you the edge on test day, and plenty of practice with AP-style test questions. You'll sharpen your subject knowledge, strengthen your thinking skills, and build your test-taking confidence with Full-length practice exams modeled on the real test All the terms and concepts you need to know to get your best score Your choice of three customized study schedules--so you can pick the one that meets your needs The 5-Step Plan helps you get the most out of your

study time: Step 1: Set Up Your Study Program Step 2: Determine Your Readiness Step 3: Develop the Strategies Step 4: Review the Knowledge Step 5: Build Your Confidence Topics include: Fundamentals of Economic Analysis * Demand, Supply, Market Equilibrium, and Welfare Analysis * Elasticity, Microeconomic Policy, and Consumer Theory * The Firm, Profit, and the Costs of Production * Market Structures, Perfect Competition, Monopoly, and Things Between * Factor Markets * Public Goods, Externalities, and the Role of Government * Macroeconomic Measures of Performance * Consumption, Saving, Investment, and the Multiplier * Aggregate Demand and Aggregate Supply * Fiscal Policy, Economic Growth, and Productivity * Money, Banking, and Monetary Policy * International Trade

What is globalisation? How are its effects felt by different people across the world? How can we help young people flourish in a world characterised by globalisation? Conflict, poverty, breaches of human rights, and environmental sustainability are everyday issues for global citizens today, old and young. Global Learning and Education presents a detailed and challenging introduction to a central concern facing education systems and curricula around the world: How young people understand and experience globalisation and how meaningful global learning can be developed. Encouraging a critical and reflective approach in order to advance understanding of a range of theoretical and practical factors, it considers the meaning and definitions of globalisation, global citizenship and global education. Global Learning and Education

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explores key issues including interconnectedness and interdependency, cultural diversity, social justice and sustainable development. It considers how global learning should and can imbue all aspects of education, within curriculum subjects, through project based learning, and through extra-curricular activities that help students participate and engage in global issues. It argues the importance of the mission and ethos of a school itself, of shaping global learning for different educational contexts, and of ensuring teaching and learning meets the needs of individual learners. *Global Learning and Education* is a comprehensive, thought-provoking - sometimes contentious - introduction for educationalists concerned with what globalisation means for our young people. Illustrated throughout with case studies that seek to inspire creativity and hope, and including questions and suggested reading for further investigation, it is essential reading for all those involved in the teaching and learning of young people, as well as those studying this vital topic on Education Studies and Masters level courses.

Download the BBC Proms 2012 concert and event listings onto your mobile device and stay up to date with what's on when... wherever you are. Plan your summer's visiting, watching and listening in advance or as the season progresses. Contains:

- full listings information for every concert and event – repertoire, performers, time, location, ticket and broadcast information.
- details on how to book tickets, with links that take you directly to the information you need.
- introduction to the 2012 season from Roger

Wright, Director of the BBC Proms and Controller of BBC Radio 3. • contents list with key schedule information for every Prom so you can jump straight to the concerts that interest you. The BBC Proms is the world's biggest and longest-running music festival and features many of the greatest artists and orchestras from the UK and around the world. This year, over its two months, there are 76 concerts in the Royal Albert Hall and 12 in Cadogan Hall, as well as four Proms in the Park celebrations around the UK on the Last Night. There are also daily free Proms Plus talks, workshops, performances and family events.

Includes more than 10,000 holidays, holy days, national and ethnic celebrations, astronomical phenomena, festivals, fairs, anniversaries, and other events from around the world.

This edition of our successful series to support the Cambridge IGCSE Physics syllabus (0625) is fully updated for the revised syllabus for first examination from 2016. Written by highly experienced author, Cambridge IGCSE Physics Coursebook with CD-ROM gives comprehensive and accessible coverage of the syllabus. Suggestions for practical activities are included, designed to help develop the required experimental skills. Exam-style questions at the end of each chapter and a host of revision and practice material on the CD-ROM are designed to help students maximise their chances in their examinations. Answers to the exam-style questions in the Coursebook are provided on the CD-ROM.

Ian McEwan is one of the most significant, and controversial, British novelists working today. His books are both critically - and academically - acclaimed and embraced by readers across the world. Although primarily a novelist, he has also written short stories, television plays, a libretto, a children's book and a film adaptation. Across these many forms his work retains a distinctive character that explores questions of morality, place and history, nationhood, sexuality and gender. Now fully updated for its second edition, this guide brings together a collection of new critical perspectives on McEwan's oeuvre, not only covering the early works and his writing for the screen but also incorporating detailed and original analyses of the later work, including new readings of his latest books, *Solar* and *Sweet Tooth*. With an updated and extended guide to further critical reading on McEwan, the book also includes an interview with the author himself, a chronology of his life, work and times and the full text of a lost early McEwan short story.

This edition of our successful series to support the Cambridge IGCSE Chemistry syllabus (0620) is fully updated for the revised syllabus from first examination from 2016. Written by a team with teaching and examining experience, Cambridge IGCSE Chemistry Coursebook with CD-ROM gives comprehensive and accessible coverage of the syllabus. Suggestions for practical activities are included, designed to help develop the required experimental skills. Exam-style questions at the end of each chapter and a host of revision and practice material on the CD-ROM are designed to help students

maximise their chances in their examinations. Answers to the exam-style questions in the Coursebook are provided on the CD-ROM.

Cambridge IGCSE Mathematics Core and Extended Coursebook with CD-ROM
Cambridge University Press

A major new volume in the Routledge International Handbooks series analysing emerging and newly emerged economies, including the BRICS countries (Brazil, Russia, India, China and South Africa) and other likely (Turkey, Indonesia, Mexico, and South Korea) as well as possible (Vietnam, The Philippines, Nigeria, Pakistan, Egypt, Colombia and Argentina) candidates for emerging economy status. Chapters on theories surrounding emerging markets (including the Beijing/Washington Consensus debate) offer an overview of current issues in development economics, in addition to providing an integrated framework for the country case studies. Written by experts, this handbook will be invaluable to academics and students of economics and emerging economies, as well as to business people and researchers seeking information on economic development and the accelerating pace of globalization.

Today, India's education sector remains a victim of poor policies, restrictive regulations and orthodoxy. Despite being enrolled in schools, children are not learning adequately. Increasingly, parents are seeking alternatives through private inputs in school and tuition. Students are dropping out from secondary school in spite of high financial returns of secondary education, and those who do complete it have inferior conceptual

knowledge. Higher education is over-regulated and under-governed, keeping away serious private providers and reputed global institutes. Graduates from high schools, colleges and universities are not readily employable, and few are willing to pay for skill development. Ironically, the Right to Education Act, if strictly enforced, will result in closure of thousands of non-state schools, and millions of poor children will be left without access to education. Eleventh in the series, India Infrastructure Report 2012 discusses challenges in the education sector — elementary, secondary, higher, and vocational — and explores strategies for constructive change and opportunities for the private sector. It suggests that immediate steps are required to reform the sector to reap the benefits from India's 'demographic dividend' due to a rise in the working age population. Result of a collective effort led by the IDFC Foundation, this Report brings together a range of perspectives from academics, researchers and practitioners committed to enhancing educational practices. It will be an invaluable resource for policymakers, researchers and corporates.

This collection clarifies the background of land and property problems in conflict-affected settings, and explores appropriate policy measures for peace-building. While land and property problems exist in any society, they can be particularly exacerbated in conflict-affected settings – characterized by unstable security, weak governance, loss of proper documentation as well as the return of refugees and Internally Displaced Persons. Unless these problems are properly addressed, they can destabilize fragile

political order and hinder economic recovery. Although tackling land and property problems is an important challenge for peace-building, it has been relatively neglected in recent debates about liberal peace-building as a result of the strong focus on state-level institution building, such as security sector reforms and transitional justice. Using rich original data from eight conflict-affected countries, this book examines the topic from the viewpoint of State-society relationship. In contrast to previous literature, this volume analyses land and property problems in conflict-afflicted areas from a long-term perspective of state-building and economic development, rather than concentrating only on the immediate aftermath of the conflict. The long-term perspective enables not only an understanding of the root causes of the property problems in conflict-affected countries, but also elaboration of effective policy measures for peace. Contributors are area specialists and the eight case study countries have been carefully selected for comparative study. The collection applies a common framework to a diverse group of countries – South Sudan, Uganda, Rwanda, Burundi, Cambodia, Timor-Leste, Colombia, and Bosnia-Herzegovina.

This book aims to provide a good understanding of and perspective on sustainable transport in Asia by focusing on economic, environmental, and social sustainability. It is widely acknowledged that the current situation and trends in transport are not always sustainable in Asia, due in part to the fast-growing economy and the astounding speed of urbanization as well as least-mature governance. As essential research material, the

book provides strong support for policy makers and planners by comprehensively covering three groups of strategies, characterized by the words “avoid” (e.g., urban form design and control of car ownership), “shift” (e.g., establishing comprehensive transportation systems and increasing public transportation systems for both intracity and intercity travel), and “improve” (e.g., redesign of paratransit system, low-emission vehicles, intelligent transportation systems, and eco-life). These are elaborated in the book alongside consideration of the uncertainty of policy effects in the future. The book is also valuable for scholars and scientists because of the diverse methodologies presented and proposed herein. Among those are the four-step model with full feedback mechanisms, the bi-level programming model with sustainability goals, data envelopment analysis and stochastic frontier analysis approaches, structural equation models, discrete and/or continuous choice models, copula-based models, survival models, and driving risk models with short-term memory. Using data collected from more than ten Asian cities, including those in both developed and developing nations, the pathway to sustainable transport in Asia gradually becomes clear.

The Military Balance 2013 is the annual assessment of the military capabilities and defence economics of 171 countries world-wide. New features of the 2013 edition include; reorganised and expanded analytical essays. New sections on trends in contemporary armed conflicts in Afghanistan and Syria, as well as trends in defence capability areas, with a focus on equipment, technological or doctrinal developments.

There is also an essay on trends in defence economics and procurement, one on European defence industries, and another on anti-access/area denial, detailed analysis of regional and national defence policy and economic issues for selected states, updated graphics feature on comparative defence statistics, with focus on defence economics, and major land, sea and, air capability concerns, tables, graphics and analysis of defence economics issues, additional national capability summaries, additional data on, land forces: combat support and combat service support, new graphics and maps on defence capability issues and additional data on cyber capabilities.

This edition of our successful series to support the Cambridge IGCSE Biology syllabus (0610) is fully updated for the revised syllabus for first examination from 2016. Written by an experienced teacher and examiner, Cambridge IGCSE Biology Coursebook with CD-ROM gives comprehensive and accessible coverage of the syllabus content. Suggestions for practical activities are included, designed to help develop the required experimental skills, with full guidance included on the CD-ROM. Study tips throughout the text, exam-style questions at the end of each chapter and a host of revision and practice material on the CD-ROM are designed to help students prepare for their examinations. Answers to the exam-style questions in the Coursebook are provided on the CD-ROM.

Around the world there are a myriad of NGOs using human rights education (HRE) as a

tool of community empowerment with the firm belief that it will help people improve their lives. One way of understanding these processes is that they translate universal human rights speak using messages and symbols which make them relevant to people's daily lives and culturally resonant. However, an alternative more radical perspective is that these processes should engage individuals in modes of critical inquiry into the ways that that existing power structures maintain the status quo and control not only how we understand and speak about social inequality and injustice, but also act on it. This book is a critical inquiry into the production, distribution and consumption of HRE and how the discourse is constructed historically, socially and politically through global institutions and local NGO practice. The book begins with the premise that HRE is composed of theories of human rights and education, both of which are complex and multifaceted. However, the book demonstrates how over time a dominant discourse of HRE, constructed by the United Nations institutional framework, has come to prominence and the ways it is reproduced and reinforced through the practice of intermediary NGOs engaged in HRE activities with community groups. Drawing on socio-legal scholarship it offers a new theoretical and political framework for addressing how human rights, pedagogy, knowledge and power can be analysed between the global and local by connecting the critical, but well-trodden, theories of human rights to insights on critical pedagogy. It uses critical discourse analysis and ethnographic research to investigate the practice of NGOs engaged in HRE using contextual

evidence and findings from fieldwork with NGOs and communities in Tanzania. When Azure's principal gives her the chance to turn the school's traditional (and boring) senior prom into an event that will appeal to everyone, not just the jocks and cheerleaders, she jumps at the opportunity. Soon Azure manages to convince her best friends, Luke and Radhika, to join the prom committee as well. Facing heavy opposition and admittedly clueless about prom logistics, the three friends are nonetheless determined to succeed -- if Luke's and Azure's secret crushes on Radhika don't push the committee members, and their friendships, to the breaking point first. Told in two voices and filled with comical missed connections, *It's Our Prom (So Deal With It)* explores the ups and downs of planning an alternative prom -- while dealing with an unrequited crush on your best friend -- and shines with National Book Award finalist Julie Anne Peters's unmistakable wit and insight.

Norway-based Todd Saunders is one of the most important contemporary Canadian architects working internationally. His simple yet powerful architecture incorporates elements of his home country's vernacular identity – including the use of wood and carefully picked Modernist influences – brought into the 21st century with excellent execution, quality materials and a hands-on approach. His most important projects include the Aurland Lookout in Norway and the series of artists' studios and a hotel on Fogo Island in Newfoundland. This second revised edition includes new projects and unpublished material. Edited by Jonathan Bell and Ellie Stathaki (respectively editor-at-

large and architecture editor at Wallpaper), the book was designed by renowned graphic designer Henrik Nygren.

Der Abschlussband des deutsch-französischen ANR-DFG-Projekts MUSICI widmet sich der Musikermigration im Europa der Frühen Neuzeit mit einem kultur- und musikgeschichtlichen Blick auf Venedig, Rom und Neapel als Reiseziele und Wirkungsorte von Instrumentalisten, Sängern, Komponisten und Instrumentenbauern, die nicht von der italienischen Halbinsel stammten. Im Sinne einer "histoire croisée" werden Netzwerke, Integrations- und Austauschprozesse aufgedeckt, mit denen fremde Musiker zwischen musikalischem Alltag und herausragenden Festlichkeiten konfrontiert waren. Auf dieser Grundlage wird eine systematische Betrachtung der frühneuzeitlichen Musikermigration sowie eine Untersuchung musikalischer Stile jenseits nationaler Forschungstraditionen möglich.

Cambridge IGCSE and O Level Geography has been written specifically for Cambridge International syllabuses 0460 and 2217. Filled with sources, graphs and case studies, the coursebook requires students to examine a range of information, helping to build their analytical skills. Written by highly experienced authors and Cambridge trainers, this coursebook is updated to support both Cambridge IGCSE and O Level students. It includes clear and practical support, case studies from 25 different countries, fieldwork ideas and a range of interesting content. The accompanying CD-ROM contains support sheets for the topics covered, outline maps and sample exam-style questions. Answers

to the activities are in the teacher's resource.

This revised set of resources for Cambridge IGCSE Business Studies syllabus 0450 (and Cambridge O Level Business Studies syllabus 7115) is thoroughly updated for the latest syllabus for first examinations from 2015. Written by experienced teachers, the Coursebook provides comprehensive coverage of the syllabus. Accessible language combined with the clear, visually-stimulating layout makes this an ideal resource for the course. Questions and explanation of key terms reinforce knowledge; different kinds of activities build application, analytical and evaluation skills; case studies contextualise the content making it relevant to the international learner. It provides thorough examination support for both papers with questions at the end of each chapter and an extensive case study at the end of each unit. The CD-ROM contains revision aids, further questions and activities. A Teachers CD-ROM is also available.

The second edition of this important reference work provides important updates and new perspectives on the cases constituting the first edition as well as including contributions from a number of new countries: Australia, Finland, Japan, New Zealand, N

Participation is a key community work method and this text, written by an international selection of authors, covers innovative approaches in community based education and practice. Including real-life case studies of participatory practice, it offers new definitions of community work, organisation and development and will challenge and inspire all

those involved in community work practice and research. Divided into four parts, *Participation in Community Work* begins by exploring theoretical aspects of participation and the co-construction of knowledge, including the ethics of participation. The second part focuses on the potential of participatory learning and action research, with chapters presenting key techniques followed by case studies. The third part looks at power and participation, addressing issues of inclusivity, capacity and democracy-building and giving examples from a range of research and field projects. Finally, the fourth part begins the discussion of new and emerging challenges for community work globally. This unique book is suitable for students, researchers and practitioners interested in participation and community development from a range of disciplines, including community work itself through social work and youth work to health promotion. An authoritative overview of Latin America's human geography and regional complexity. It traces Latin America's historical developments while revealing the diversity of its people and places. Coverage encompasses cultural history, environment and physical geography, urban development, agriculture and land use, social and economic processes, and the contemporary patterns of Latin American diaspora. -- Publisher description

Citizenship studies is at a crucial moment of globalizing as a field. What used to be mainly a European, North American, and Australian field has now expanded to major contributions featuring scholarship from Latin America, Asia, Africa, and the Middle East. The Routledge

Handbook of Global Citizenship Studies takes into account this globalizing moment. At the same time, it considers how the global perspective exposes the strains and discords in the concept of 'citizenship' as it is understood today. With over fifty contributions from international, interdisciplinary experts, the Handbook features state-of-the-art analyses of the practices and enactments of citizenship across broad continental regions (Africas, Americas, Asias and Europes) as well as deterritorialized forms of citizenship (Diasporicity and Indigeneity). Through these analyses, the Handbook provides a deeper understanding of citizenship in both empirical and theoretical terms. This volume sets a new agenda for scholarly investigations of citizenship. Its wide-ranging contributions and clear, accessible style make it essential reading for students and scholars working on citizenship issues across the humanities and social sciences.

The IMF's principal statistical publication, International Financial Statistics (IFS) Online, is the standard source of international statistics on all aspects of international and domestic finance. For most countries, IFS Online reports data on balance of payments, international investment position, international liquidity, monetary and financial statistics, exchange rates, interest rates, prices, production, government accounts, national accounts, and population. Updated monthly. In Vanuatu, commoditization and revitalization of culture and the arts do not necessarily work against each other; both revolve around value formation and the authentication of things. This book investigates the meaning and value of (art) objects as commodities in differing states of transit and transition: in the local place, on the market, in the museum. It provides an ethnographic account of commoditization in a context of revitalization of culture and the arts in Vanuatu, and the issues this generates, such as authentication of actions and things,

indigenized copyright, and *kastom* disputes over ownership and the nature of *kastom* itself. The law applicable to contractual and non-contractual obligations in cross-border civil and commercial matters in the European Union (EU) is the remit of the so-called Rome I and II Regulations that entered into force in 2009, supplemented by the Rome III Regulation of 2012 dealing specifically with divorce and legal separation. This article-by-article commentary – now updated to its third edition – has become a cornerstone resource in handling European cases involving conflict of laws. The occasion for publishing a third edition is that several landmark judgments on the conflict of laws have been recently rendered both by the Court of Justice of the EU and by domestic courts. Moreover, with Brexit, one of the largest European states will enter into a new form of relationship with the EU, which will specifically impact the conflict of laws. The effects of these major developments are reflected throughout the new edition's extensively revised article-by-article commentary. The commentary, authored by leading scholars of conflict of laws and drawing on a wide spectrum of case law and scholarship, highlights, among much else, such long-term implications of the Rome Regulations as the following: principles of interpretation; limiting the effects of forum shopping; limiting the trade-restricting effects of the fragmentation of national private laws; ensuring the free movement of persons; enhancement of legal certainty and predictability; and potential solutions for an agreement-based Brexit. It provides black letter law as represented by the jurisprudence of the Court of Justice of the EU and the Member State courts, as well as the latest academic opinion. In the current era of globalization, where communication, transaction, and migration across borders have transformed from exceptional to omnipresent phenomena, the pressing question is no longer if the state has to grant access to justice in international situations but

how that right can be implemented effectively. To this end, renowned conflict of laws scholars analyse every provision of the Regulations in a systematic and thorough manner, making them accessible to a broad international legal audience. The result is an indispensable companion for academics, judges, lawyers, and legal professionals in their day-to-day work.

Since the very first 'co-operative' school opened its doors in 2008, the complicated relations between 'co-operative' approaches to schooling and democratic subjectivity remain unexplored. This ground breaking book considers the role of 'voice' in co-operative schooling and its place in radical research, offering an original, critical analysis of an alternative model of 'co-operative' schooling set within the context of the contemporary public education sector in England. Drawing on post structural theory and critical ethnographic research, the author explores how this model might offer new ways of thinking about what education is for and who stands to benefit or lose when schools adopt co-operative ways of working together across the structures of governance, pedagogy and curriculum. The book considers how participatory ways of working in education might inform a more critical educational psychology that takes engendering equality and collective well-being as an alternative starting point to measuring individual achievement and cognitive development. This text will appeal to advanced level undergraduate and postgraduate students, researchers and practitioners, particularly in the field of psychology, education, politics and social research, with an interest in developing a critical appreciation of inequalities in education and in reimagining the possibilities for change.

Educational Accountability: International perspectives on challenges and possibilities for school leadership provides an opportunity to assess, reflect on, and discuss current issues surrounding accountability policies in education from around the globe and the implications

they hold for school leadership. It addresses the global trend of accountability policies expanding in scope to include the education profession as well as the increasing incidence of international policy borrowing, brought on chiefly by globalisation. Specific case studies offer a contextual examination of the theory, policy and practice of accountability and an inspection of their influence on school leadership. Cases are intentionally juxtaposed to provide a broad perspective of regional and cultural similarities and departures, and are arranged to reflect the diasporic Chinese, Anglo, European, and Hispanic societies. Bringing together a number of highly regarded experts within the field, the book cultivates a global perspective on the challenges and possibilities for school leaders to foster school effectiveness and improvement. *Educational Accountability* should be key reading for researchers, policy makers, and current and future school leaders.

The Cambridge IGCSE® Combined and Co-ordinated Sciences series is tailored to the 0653 and 0654 syllabuses for first examination in 2019, and all components of the series are endorsed by Cambridge International Examinations. Cambridge IGCSE® Combined and Co-ordinated Sciences Coursebook is tailored to the 0653 and 0654 syllabuses for first examination in 2019 and is endorsed for full syllabus coverage by Cambridge International Examinations. This interdisciplinary coursebook comprehensively covers the knowledge and skills required in these courses, with the different syllabuses clearly identified. Engaging activities in every chapter help students develop practical and investigative skills while end-of-chapter questions help to track their progress. The accompanying CD-ROM contains self-assessment checklists for making drawings, constructing and completing results tables, drawing graphs and designing experiments; answers to all the end-of-chapter questions and

auto-marked multiple-choice self tests.

This book interrogates the persistence of Roma and migrant segregation in camps in order to understand how the creation of temporary enclosures can lead to enduring marginalisation. Persistent temporariness has been widely acknowledged as a common aspect of these camps, yet it remains largely under-theorised. Gaja Maestri unpacks the notion of camp persistence to delineate its different regimes and to investigate contributing factors. In order to do so, she develops a comparison between Italy and France and offers a new theorisation of the camp as a site of contentious politics, where the interaction between governmental and non-governmental actors produces different temporal arrangements and forms of segregation. *Temporary Camps, Enduring Segregation* will be of interest to scholars of political sociology, European comparative politics, and urban geography, specifically to those in the field of camp studies, racial segregation, Romani studies, and urban social movements.

This book, whose primary aim is to describe liquefaction processes and their implications for marine structures such as pipelines, sea outfalls, quay walls and caisson breakwaters, discusses the subject of soil liquefaction in the marine environment. In addition, the physics of liquefaction (including examples illustrating the catastrophic consequences of soil liquefaction with regard to marine structures) are described, and the mathematical modelling of liquefaction is treated in detail. Also, carefully selected numerical examples support the discussion of assessing liquefaction potential, and benchmark cases such as buried gas pipelines and their floatation, caisson breakwaters, cover stones and their interaction with liquefied soil along with

counter measures are investigated. Contents: Introduction and Physics of Liquefaction Biot Equations and Their Solutions Residual Liquefaction Momentary Liquefaction Floatation of Buried Pipelines Sinking of Pipelines and Marine Objects Liquefaction Under Standing Waves Liquefaction at Gravity Structures Stability of Rock Berms in Liquefied Soil Impact of Seismic-Induced Liquefaction Counter Measures Readership: Professionals and researchers in the area of coastal, ocean and marine civil engineering; graduate and post graduate students. Key Features: Physics of liquefaction Mathematical modelling Assessment of liquefaction potential, supported by numerical examples Benchmark cases such as buried gas pipelines, caisson structures, etc. Keywords: Soil Liquefaction; Marine Environment; Mathematical Modelling; Pipelines; Caisson Breakwaters Reviews: "This is a well-written and comprehensive book describing the physics and processes of seabed liquefaction around marine structures. Overall, this book is highly recommended for all professionals and researchers interested in seabed soil liquefaction and the stability of marine structures, and is indeed suitable as a textbook for graduate/postgraduate students in this field." J. Ocean Eng. Mar. Energy

This memorial volume in honor of Dr Akira Tonomura is to commemorate his enormous contributions to fundamental physics in addition to the basic technology of electron microscopy. Dr Tonomura passed away on May 2, 2012 at the age of 70. He was Fellow of Hitachi, Ltd., Group Director of Single Quantum Dynamics Research Group of

RIKEN, Principal Investigator of the FIRST Tonomura Project, and Professor of Okinawa Institute of Science and Technology Graduate University. The book consists of: 1) contributions from distinguished physicists, who participated in the “Tonomura FIRST International Symposium on Electron Microscopy and Gauge Fields” planned by Tonomura himself and held in Tokyo on May 9–10, 2012, and 2) reprints of key papers by Tonomura and his team. Invited speakers at this Symposium include Chen Ning Yang and other distinguished physicists such as Yakir Aharonov, Gordon Baym, Christian Colliex, Anthony J Leggett, Naoto Nagaosa, Nobuyuki Osakabe and Masahito Ueda. This “memorial” Symposium was originally planned to commemorate the start of the Japanese-government-sponsored FIRST Tonomura Project to construct the 1.2 MV holography electron microscope capable of observing quantum phenomena in the microscopic world. In addition, the book includes contributions from participants of the past ISQM-Tokyo symposia held at Hitachi and from Tonomura's longtime friends, including Michael Berry, Jerome Friedman, Hidetoshi Fukuyama, Joseph Imry, Yoshinori Tokura, Jaw-Shen Tsai, and Anton Zeilinger. The co-editors are Kazuo Fujikawa, Tonomura's longtime friend, and Yoshimasa A Ono who is Tonomura's associate at Hitachi Advanced Research Laboratory and now in the FIRST Tonomura Project. Contents: My Dream of Ultimate Holography Electron Microscope (Akira Tonomura) Biography of Akira Tonomura (April 1942 – May 2012) (Nobuyuki Osakabe) Tonomura FIRST International Symposium on “Electron Microscopy and

Gauge Fields” (Yoshimasa A Ono)Recollections of Akira Tonomura:Thank You and Farewell to Tonomura-kun (Hidetoshi Fukuyama)Remembering Akira Tonomura (Michael Berry)Akira Tonomura: An Experimental Visionary (Anton Zeilinger)Dr. Akira Tonomura: Master of Experimental Physics (Kazuo Fujikawa)Gauge Theory and Aharonov-Bohm Effect:Topology and Gauge Theory in Physics (Chen Ning Yang)On the Aharonov-Bohm Effect and Why Heisenberg Captures Nonlocality Better Than Schrödinger (Yakir Aharonov)How the Test of Aharonov-Bohm Effect was Initiated at Hitachi Laboratory (Nobuyuki Osakabe)Some Reflections Concerning Geometrical Phases (Anthony J Leggett and Yiruo Lin)Mesoscopic Aharonov-Bohm Interferometers: Decoherence and Thermoelectric Transport (Ora Entin-Wohlman, Amnon Aharony and Yoseph Imry)Spin Textures and Gauge Fields in Frustrated Magnets (Naoto Nagaosa and Yoshinori Tokura)Gauge Theory and Artificial Spin Ices: Imaging Emergent Monopoles with Electron Microscopy (Shawn D Pollard and Yimei Zhu)Do Dispersionless Forces Exist? (Herman Batelaan and Scot McGregor)Aharonov-Bohm Effect and Geometric Phases — Exact and Approximate Topology (Kazuo Fujikawa)A Brief Overview and Topological Aspects of Gaseous Bose-Einstein Condensates (Masahito Ueda)Application of Electron Microscopy to Quantum Mechanics and Materials Sciences:Mapping Electric Fields with Inelastic Electrons in a Transmission Electron Microscope (Christian Colliex)“The Picture is My Life” (Shuji Hasegawa)Direct Observation of Electronically Phase-Separated Charge Density Waves in Lu₂Ir₃Si₅ by

Transmission Electron Microscopy (Cheng-Hsuan Chen) Basic Discoveries in Electromagnetic Field Visualization (Daisuke Shindo) Nanomagnetism Visualized by Electron Holography (Hyun Soon Park) Quantum Physics: Probing the Proton with Electron Microscopy (Jerome I Friedman) Hanbury Brown–Twiss Interferometry with Electrons: Coulomb vs. Quantum Statistics (Gordon Baym and Kan Shen) Vortex Molecules in Thin Films of Layered Superconductors (Alexander I Buzdin) Coherent Quantum Phase Slip (Jaw-Shen Tsai) Coherency of Spin Precession in Metallic Lateral Spin Valves (YoshiChika Otani, Hiroshi Idzuchi and Yasuhiro Fukuma) Transverse Relativistic Effects in Paraxial Wave Interference (Konstantin Y Bliokh, Yana V Izdebskaya and Franco Nori) Readership: Graduate students and researchers in physics, materials science and related fields. Keywords: Electron Microscopy; Akira Tonomura; Quantum Phenomena; Gauge Fields Reviews: “This beautifully produced volume opens with a collection of photographs of Tonomura. As a bonus to all this, a DVD enables us to see the build-up of a two-slit interference pattern and three examples of the movement of vortices. All Tonomura's friends and admirers will want a copy.” Ultramicroscopy

The prom has been a fixture in the life of American teenagers for as long as high schools have existed. Both encapsulating and magnifying the drama of adolescence, proms have been transformed from modest tea dances to costly extravaganzas supporting apparel and cosmetic makers, limousine services, hotels, magazine

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publishers, and hair salons. Focusing on social and economic trends, this volume examines the evolution of the prom, the development of the billion-dollar prom industry, and the event's place in popular culture, including its portrayal in film, television, and literature. Using the prom as a lens through which to view many aspects of American culture—money, sex, fashion, dance, music, television, transportation, communication, and even war—this work offers a fresh perspective on the history of American youth. Instructors considering this book for use in a course may request an examination copy [here](#).

Revised edition of the IGCSE Mathematics Core and Extended Coursebook for the 0580 syllabus for examination from 2015.

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