

2013 Enpc Study Guide

Review Guides/Certification Prep/Pocket Guides

This unique text serves as the foundation for pediatric emergency nursing practice and also addresses pediatric trauma care.

The newly revised third edition of the bestselling orientation guide for novice ER nurses delivers important clinical updates across body systems in an easy-to-read on the move bullet-point format. Including a new chapter on hematologic emergencies with evidence-based practice for sickle cell care management, all sections of this new edition have been thoroughly updated to supplement the ER nurse's busy day-to-day orientation process. The only book of its kind, this quick-access guide prepares ER nurses for the most common illnesses they will encounter by alphabetically organizing diseases and disorders within each body system. All chapters, written in short paragraphs with at-a-glance bulleted information, list relevant materials, equipment, and drugs. Each possible diagnosis comes with a definition, causes, signs and symptoms, and interventions. The popular "Fast Facts in a Nutshell" feature consists of succinct key points and questions and answers for review. Culminating in appendices that include a list of abbreviations, common lab values, EKG rhythms, and frequently used ER medications, this quick reference addresses the ER nurse's needs at a glance. Skills check-off sheets provide crucial self-checks for efficient and confident care in the ER. New to the Third Edition: New documentation tips throughout and updated illustrations Updated American Heart Association Guidelines included Stroke updates with TPA inclusion and exclusion criteria and administration tips Disaster response updates including highly infectious diseases and mass casualties Updates on increased opioid-induced cardiac arrests, toxicological emergencies, and substance abuse (includes synthetic and designer drugs) Updated information on respiratory emergencies Reorganized shock information Key Features Written by an expert ER nurse for novice ER nurses and preceptors Handy pocket size Provides easy referral to equipment, medications, procedures, and specialty care Includes practical tips, tricks of the trade, and critical thinking questions Audio book format available for the ER nurse on the go Instructor's resources available

"The book is clearly written and concise and uses sidebars to highlight core concepts." Score: 90, 4 stars --Doody's Because ER nurses need to think fast and act fast... Fast Facts for the ER Nurse is an orientation guide and reference, designed specifically for new ER nurses and the preceptors responsible for their orientation. The chapters provide a brief overview of equipment, treatments, and drugs used to manage common disorders and conditions frequently seen in the ER. Critical information presented in each chapter includes disorder definitions, signs and symptoms, interventions, and critical thinking questions. With this guide, nurses can get the information they need fast in bullet-point lists. Each chapter is conveniently organized alphabetically by disease and disorder for quick access. The book serves as an organized, reliable, and thorough ER guide, ensuring a structured approach to orientation. All new ER nurses and their preceptors will find this book to be a reference they cannot do without. Key topics covered include: Cardiovascular Emergencies Disaster Response Emergencies Infectious Disease Emergencies Mental Health Emergencies Shock and Multisystem Trauma Emergencies Substance Abuse and Toxicologic Emergencies And many more!

The logistician plays a critical role in the growth of his or her company - in this third edition of Essentials of Logistics, the conceptual framework in which all the stakes and themes of logistics is systematically analyzed, with a strong focus on the role of the supply chain. Indeed, many elements are critical to the successful logistical strateg

This textbook provides students with real-world social marketing case studies from different countries and regions around the world, taking learners from classroom theory to practice. The primary objective is to clearly portray to students distinct, identifiable steps that are essential for successful social marketing campaigns. Core social marketing practices are applied to each case to help students master social marketing principles and apply them to their own real world social marketing activities in order to affect positive social change. This textbook first provides the tools necessary to understand the effective applica- tion of social marketing, and then offers 24 case studies exemplifying effective social marketing efforts from all around the world. Specifically, Part I clearly and concisely explains the principles of social marketing in five chapters: • Upstream vs. downstream social marketing, SWOT, competition • Fundamentals of social marketing, ethics • Formative and Evaluative Research • Theories applied in social marketing • A historical perspective on social marketing Part II features 24 social marketing case studies that demonstrate the application of social marketing principles. All 24 cases follow a consistent structure that includes: • Background • Positioning • SWOT • Research • Objectives • The 4 P's • Target audience • Evaluation • Barriers and benefits • Discussion • Competition This format allows for students and professors to easily and effectively select individual cases and compare between cases. This textbook also allows instructors to encourage critical thinking by having students compare and contrast not only the cases themselves, but the applications used. In addition, teaching guides with answers to discussion questions, suggestions for activities inside and outside of the classroom and further readings are available to assist professors in teaching from this book.

As an interdisciplinary area of research, translation studies attracts students and scholars with a wide range of backgrounds, who then need to face the challenge of accounting for a complex object of enquiry that does not adapt itself well to traditional methods in other fields of investigation. This book addresses the needs of such scholars – whether they are students doing research at postgraduate level or more experienced researchers who want to familiarize themselves with methods outside their current field of expertise. The book promotes a discerning and critical approach to scholarly investigation by providing the reader not only with the know-how but also with insights into how new questions can be fruitfully explored through the coherent integration of different methods of research. Understanding core principles of reliability, validity and ethics is essential for any researcher no matter what methodology they adopt, and a whole chapter

is therefore devoted to these issues. Research Methodologies in Translation Studies is divided into four different chapters, according to whether the research focuses on the translation product, the process of translation, the participants involved or the context in which translation takes place. An introductory chapter discusses issues of reliability, credibility, validity and ethics. The impact of our research depends not only on its quality but also on successful dissemination, and the final chapter therefore deals with what is also generally the final stage of the research process: producing a research report.

You're probably thinking this is just another typical study guide. Because we know your time is limited, we've created a resource that isn't like most study guides. With Trivium Test Prep's unofficial NEW CEN Review Book 2018-2019: CEN Study Guide and Practice Test Questions for the Certified Emergency Nurse Exam you'll benefit from a quick-but-comprehensive review of everything tested on the exam via real-life examples, graphics, and information. Our materials give you that extra edge you need to pass the first time. BCEN was not involved in the creation or production of this product, is not in any way affiliated with Trivium Test Prep, and does not sponsor or endorse this product. Trivium Test Prep's CEN Review Book 2018-2019 offers: A detailed overview of what you need to know for the CEN exam Coverage of all the subjects over which you will be tested Practice questions for you to practice and improve Test tips and strategies to help you score higher Trivium Test Prep's CEN Review Book 2018-2019 covers: Treating Emergencies Environmental Emergencies Communicable Diseases Medical Emergencies Professional Issues Fundamentals of Nursing ...and includes practice test questions About Trivium Test Prep Trivium Test Prep is an independent test prep study guide company that produces and prints all of our books right here in the USA. Our dedicated professionals know how people think and learn, and have created our test prep products based on what research has shown to be the fastest, easiest, and most effective way to prepare for the exam. Unlike other study guides that are stamped out in a generic fashion, our study materials are specifically tailored for your exact needs. We offer a comprehensive set of guides guaranteed to raise your score for exams from every step of your education; from high school, to college or the military, to graduate school. Let our study guides guide you along the path to the professional career of your dreams

A Grammar of Modern Indo-European is a complete reference guide to a living Indo-European language. It contains a comprehensive description of Proto-Indo-European grammar, and offers an analysis of the complexities of the prehistoric language and its reconstruction from its descendant languages. Written in a fresh and accessible style, and illustrated with maps, figures and tables, this book focusses on the real patterns of use of Late Indo-European. The book is well organised and is filled with full, clear explanations of areas of confusion and difficulty. It also contains an extensive English - Indo-European, Indo-European - English vocabulary, as well as detailed etymological notes, designed to provide readers with an easy access to the information they require. An essential reference source for the student of Indo-European as a learned and living language, this work will appeal to students of languages, classics, and the ancient world, as well as to general readers interested in the history of language, and in speaking the direct ancestor of the world's largest language family.

Reinforce your understanding of nursing pharmacology! Corresponding to the chapters from the main text, the Study Guide for Clayton's Basic Pharmacology for Nurses, 18th Edition provides you with additional practice to help prepare for and succeed on the NCLEX®. Each exercise is linked to a chapter objective and various patient scenarios encourages you to use your knowledge of clinical pharmacology - further developing your critical thinking skills. Plus, a wide range of question formats reflects the question types you'll encounter on the latest NCLEX. Additional question formats allow you to practice with the new question types found on the NCLEX® exam. Clinical patient scenarios help you to develop critical thinking skills and apply your knowledge of nursing pharmacology. Medication administration handling and practice questions emphasized to reinforce safe medication administration practice. NEW! Exercises and review questions correspond with updated content from the text.

The Open Access version of this book, available at <https://www.taylorfrancis.com/books/e/9781351049139>, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license. This volume offers an exhaustive look at the latest research on metacognition in language learning and teaching. While other works have explored certain notions of metacognition in language learning and teaching, this book, divided into theoretical and empirical chapters, looks at metacognition from a variety of perspectives, including metalinguistic and multilingual awareness, and language learning and teaching in L2 and L3 settings, and explores a range of studies from around the world. This allows the volume to highlight a diverse set of methodological approaches, including blogging, screen recording software, automatic translation programs, language corpora, classroom interventions, and interviews, and subsequently, to demonstrate the value of metacognition research and how insights from such findings can contribute to a greater understanding of language learning and language teaching processes more generally. This innovative collection is an essential resource for students and scholars in language teaching pedagogy, and applied linguistics.

First published in 1959 by the International Association of Universities (IAU), the International Handbook of Universities provides detailed information on Education Systems and higher education institutions that offer at least a four-year degree or a four-year professional diploma. For Education Systems: Description of the higher education system of each country Stages of studies as well as information on distance education Admission criteria, including information for foreign students Quality assurance and recognition systems Contact details for national bodies For Institutions: Contact details: name, address, telephone, fax, website Historical background, special facilities and publications Degrees and diplomas offered at each level of study Key personnel, including principal academic and administrative officers Description of facilities, schools and departments Valuable information on academic year, admission requirements, academic staff and student numbers A new look at weak-convergence methods in metric spaces-from a master of probability theory In this new edition, Patrick Billingsley updates his classic work Convergence of Probability Measures to reflect developments of the past thirty years. Widely known for his straightforward approach and reader-friendly style, Dr. Billingsley presents a clear, precise, up-to-date account of probability limit theory in metric spaces. He incorporates many examples and applications that illustrate the power and utility of this theory in a range of disciplines-from analysis and number theory to statistics, engineering, economics, and population biology. With an emphasis on the simplicity of the mathematics and smooth transitions between topics, the Second Edition boasts major revisions of the sections on dependent random variables as well as new sections on relative measure, on lacunary trigonometric series, and on the Poisson-Dirichlet distribution as a description of the long cycles in permutations and the large divisors of integers. Assuming only standard measure-theoretic probability and metric-space topology, Convergence of Probability Measures provides statisticians and mathematicians with basic tools of probability theory as well as a springboard to the "industrial-strength" literature available today.

Only book world-wide addressing this topic. The principal output of the European co-operative Action on "Water Movements in Road Pavements & Embankments". Provides unique guidance on assessing water condition and its affects on road performance. Provides unique guidance on assessing and ameliorating contaminant movement in pavement groundwater. Written by leading experts in Europe.

This title provides a comprehensive overview of all aspects of the mechanical behavior of concrete, including such features as its elastoplasticity, its compressive and tensile strength, its behavior over time (including creep and shrinkage, cracking and fatigue) as well as modeling techniques and its response to various stimuli. As such, it will be required reading for anyone wishing to increase their knowledge in this area.

François de Larrard is Scientific Director of the R&D centre of the LafargeHolcim group and Scientific Director of the French

national project Recybéton. He formerly spent almost thirty years at IFSTTAR (formerly LCPC). He has been granted both the Robert l'Hermite medal and the G.H. Tattersall award by RILEM, and is author of two books, including Concrete Mixture-Proportioning which is also published by Taylor & Francis.

This reference has been updated and expanded to include current information in the field of emergency nursing care of children. Each chapter provides a comprehensive approach to nursing care of the child and family, organized within the nursing process framework. Extensive use of tables and illustrations should enhance the reader's understanding of disease processes, mechanisms of injury and nursing interventions. Appendices include teaching instructions for parents for select injuries and illnesses, normal paediatric laboratory values, growth charts and recommended immunization schedules.

The most thorough and up-to-date review available for the Certified Emergency Nurse Exam Emergency Nursing Certification is a complete step-by-step guide that thoroughly covers everything you need to know to pass the Certified Emergency Nurse (CEN®) examination. Presented in short, easy-to-read chapters, the book includes subject-specific practice exams, allowing you to target your study and quickly identify weak areas. In addition, the Key Points and Knowledge Competencies features highlight what's important to know for the exam and alerts you to the number of questions you should expect on every given topic. Everything you need to pass the Certified Emergency Nurse (CEN®) exam: Core areas of Emergency Nursing practice arranged by body system Valuable test-taking tips to help you perform your best on the exam Practice questions at the end of each chapter with multiple choice questions and complete answer explanation Content covers every topic you will see on the exam, including: Cardiovascular Emergences; Gastrointestinal Emergences; Neurologic Emergences; Maxillofacial and Ocular Emergences; Orthopedic and Wound Emergences; Respiratory Emergences; Medical Emergences and Communicable Diseases; Professional Issues Volume 1-5, covering entries A-Z, presents information on diseases and disorders, tests and procedures, body systems, health professions, and current health issues.

Economic Policy provides a unique combination of facts-based analysis, state-of-the art economic theory, and insights from first-hand policy experience at the national and international levels to shed light on current domestic and international policy challenges. It is ideally suited for students, practitioners, and scholars seeking understanding both of the pragmatic constraints of real-world policy making and the analytical tools that enhance inquiry and inform debates. The authors draw on their experiences as academics and as policy makers in European and international institutions to offer a deep dive into the rationale, design, and implementation of economic policy across a range of policy domains: fiscal policy, monetary policy, international finance, financial stability, taxes, long-term growth and inequality. Highlighting the ways experience, theories, and institutions interact, each chapter starts with historical examples of dilemmas and shows how theoretical approaches can help policy makers understand what is at stake and identify solutions. The authors highlight the differences between the positive approach to economic policy (how do policies impact the economy), the normative approach (what should be policymakers' objectives and against which criteria should their action be judged), and the political-economy constraints (what are the limits and obstacles to public intervention). They rely on the most recent academic research, providing technical boxes while explaining the mechanisms in plain English in the text, with appropriate illustrations. This new edition is informed by such important recent developments as the Great Recession, the strains on the European Union and the Euro, the challenges of public and private debt, the successes and setbacks to emerging markets, changes to labor markets along with the increased attention to inequality, the debates on secular stagnation and its implications for conventional and unconventional monetary policy, the re-regulation of the financial sector, the debt overhang in both the public and the private sector.

Prepare for success on the Certification for Emergency Nurses examination! Not only does Pass CEN! review all the content covered in the current exam blueprint, it includes fun yet challenging learning activities, realistic practice questions, and comprehensive practice examinations. A concise outline format and numerous illustrations make the material easy to read, understand, and remember. Written by a team of expert nursing instructors led by Robin Donohoe Dennison, this unique guide also reviews anatomy and physiology for each core body system. The accompanying online Evolve Exam Review course includes practice exams that simulate the experience of taking the actual exam. This is the all-in-one study tool you can't do without! An easy-to-follow outline format quickly and clearly delineates what you must know to pass the CEN exam. Content follows the most current CEN blueprint and eliminates extraneous information that is not likely to be tested. Learning activities provide fun and stimulating ways to learn critical concepts, such as matching questions, essays, table completion exercises, and crossword puzzles. Anatomy and physiology reviews cover each core body system Case Related Learning activities include questions on clinical reasoning and decision-making. The online Evolve Exam Review course includes: Approximately 700 practice questions with answers, rationales, test-taking strategies, and suggested references Randomized questions to let you create up to 150 different practice exams Self-assessment quizzes that allow you to select 10 to 120 questions by body system, with immediate feedback for answers

?Social Innovation is becoming an increasingly important topic in our global society. Those organizations which are able to develop business solutions to the most urgent social and ecological challenges will be the leading companies of tomorrow. Social Innovation not only creates value for society but will be a key driver for business success. Although the concept of Social Innovation is discussed globally the meaning and its impact on the development of new business strategies is still heavily on debate. This publication has the goal to give a comprehensive overview of different concepts in the very innovative field of Social Innovation, from a managerial as well as from a theoretical and social perspective. Over 30 leading thinkers in the field of Innovation, Strategic Management and Organizational Development give a well structured inside on the latest developments and progress in the field of Social Innovation. Thereby the authors not only develop a comprehensive and unique analysis on the state-of-the art of social innovation but also give practical advice and information to business leaders on how to apply the latest management thinking on Social Innovation to daily business decisions. This publication has the intention to become a milestone in the further development of the concept of Social Innovation as well as to further stimulate new business strategies necessary to overcome world most pressing social and ecological challenges.

With over 136.3 million patient visits to the Emergency Department, emergency nurses are not only in high demand but a continuously growing segment of the nursing profession. Emergency nurses find themselves in high-risk, faced-paced, physically and emotionally demanding, and difficult situations on a constant bases, which many nurses will describe as both stressful and surprisingly, extremely fulfilling. But there are so many variables, moving pieces, and different roles when it comes to emergency nurses. How do you begin to understand or know if this is the right career for you when there is so much to know? Emergency

Nurse: The Profession, the Pathway, and the Practice provides students, new nurses, and existing emergency nurses the tools and information they need to pursue and sustain a successful career in emergency healthcare. Author Jeff Solheim informs readers about the career opportunities that exist within emergency nursing, introduces nurses to the emergency department and how it differs from other healthcare settings, and explains the challenges and patient populations that emergency nurses will face on a regular basis. Filled with fun facts, notes, and practical advice, this book is a fantastic resource for a nurse eager to learn more about emergency care.

The papers compiled in the present volume aim at investigating the many fruitful manners in which cognitive linguistics can expand further on cognitive translation studies. Some papers (e.g. Halverson, Muñoz-Martín, Martín de León) take a theoretical stand, since the epistemological and ontological bases of both areas (cognitive linguistics and translation studies) should be known before specific contributions of cognitive linguistic to translation are tackled. Several works in the volume attempt to illustrate how some of the notions imported from cognitive linguistics may contribute to enrich our understanding of the translation process in a general translation problem such as metaphor (e.g. Samaniego), the relationship between form and meaning (e.g. Tabakowska, Rojo and Valenzuela) or cultural aspects (e.g. Bernárdez, Sharifian/Jamarani). Others use translation as an empirical field to test some of the basic assumptions of cognitive linguistics such as frames (e.g. Boas), metonymy (e.g. Brdar/Brdar-Szabó), and lexicalisation patterns (e.g. Ibarretxe-Antuñano/Filipovi?). Finally, another set of papers (e.g. Feist, Hatzidaki) opens up new lines of investigation for experimental research, a very promising area still underdeveloped.

This bestselling resource has successfully prepared thousands of ER nurses to provide safe, effective, and high-quality care to their patients. This new edition is updated with guidelines from the American Heart Association, Neonatal Resuscitation Program, American Stroke Association, Emergency Nursing Pediatric Course, and Trauma Nurse Core Course. This guide presents the most current information on medications, street drugs, the opioid crisis, and intraosseous access. Chapters are replete with new case studies, updated photos, and time-tested tips. This Fast Facts guide is written in bullet-point format and is alphabetically organized by disease and disorder within each body system to emphasize easy access and at-a-glance viewing. All chapters list relevant materials, equipment and drugs; and each diagnosis includes its definition, causes, signs and symptoms, and interventions. Helpful appendices display common abbreviations and lab values, EKG rhythms, frequently used medications, and updated alphabetized skills checklists for self-examination. New to the Fourth Edition: New content on administering Alteplase, coronaviruses, decompression sickness, high altitude illness, human trafficking, influenza, lightning injuries, osteomyelitis, parasitic and insect infestations, post-birth warning signs, post-cardiac arrest care, rhabdomyolysis, status asthmaticus, and triage legal issues. Updates on infectious disease emergencies, disaster response emergencies, environmental emergencies, and OB/GYN emergencies New information on fluid and electrolyte imbalance Shock and Multisystem Trauma divided into two expanded chapters Updated with useful tricks of the trade and 'survival tips' New knowledge on street drugs including vaping, concentrated marijuana, and the opioid crisis Key Features: Educates new ER nurses and their preceptors on the most common injuries and illnesses they will encounter Comes in handy pocket size for reference on the go Provides easy referral to equipment, medications, procedures, and specialty care Delivers hands-on teaching strategies for instructors

Design of Shallow and Deep Foundations introduces the concept of limit state calculations, before focusing on shallow and deep foundations. The limit state combinations of actions are examined, and practical calculation models of the bearing capacity and of the settlement are presented, particularly from the results of Ménard pressuremeter tests and cone penetration tests. Attention is also given to the use of numerical methods, which has been developed over the past twenty years. It provides an overview of various elements of ground-structure interaction that are pertinent for a refined design of both shallow and deep foundations, such as allowable displacements of structures, and ground-structure couplings. This guide will be useful to practising engineers and experts in design offices, contracting companies and administrations, as well as students and researchers in civil engineering. Though its focus is generally on the French practice, it is more widely applicable to design based on, or generally in line with, Eurocode 7, with references to BS ENs. Roger Frank is an Honorary Professor at Ecole Nationale des Ponts et Chaussées (ENPC). From 1998 to 2004, he chaired the committee on Eurocode 7 on Geotechnical design. Fahd Cuira is the Scientific Director of Terrasol (Setec group), France. Since 2018, he has been in charge of the course on the design of geotechnical structures at ENPC. Sébastien Burlon is a Project Director at Terrasol (Setec group), France. He is involved in the evolution of Eurocode 7 and teaches several geotechnical courses, especially at ENPC.

'This Handbook is a stellar compilation of up-to-date knowledge about the important topics in transport economics. Authors include the very best in the field, and they cover the most important topics for today's research and policy applications. Individual chapters contain sound, readable, well referenced explanations of each topic's history and current status. I cannot think of a better place to start for anyone wanting to become current in the field or in any of its parts.' – Kenneth Small, University of California-Irvine, US Bringing together insights and perspectives from close to 70 of the world's leading experts in the field, this timely Handbook provides an up-to-date guide to the most recent and state-of-the-art advances in transport economics. The comprehensive coverage includes topics such as the relationship between transport and the spatial economy, recent advances in travel demand analysis, the external costs of transport, investment appraisal, pricing, equity issues, competition and regulation, the role of public-private partnerships and the development of policy in local bus services, rail, air and maritime transport. This Handbook is designed both for use on postgraduate and advanced undergraduate courses and as a reference for anyone working in the field. It also complements the textbook *Principles of Transport Economics*.

Urban Water Cycle Modelling and Management.

PMP® Exam: Practice Test and Study Guide, Ninth Edition uses self-study to help readers increase their chances of passing the PMP certification exam the first time. This spiral-bound edition includes 40 multiple-choice practice questions in each of the ten knowledge areas and in the professional and social responsibilities domain. It presents a 200-question practice test that simulates the actual PMP exam, fully referenced answers keyed to the five project management process groups, and a study matrix to help readers key in on areas that require further study.

Based on contributions from leading scholars, this study generates a wealth of new empirical information about Latin American party systems. It also contributes richly to major theoretical and comparative debates about the effects of party systems on democratic politics, and about why some party systems are much more stable and predictable than others. *Party Systems in Latin America* builds on, challenges, and updates Mainwaring and Timothy Scully's seminal *Building Democratic Institutions: Party Systems in Latin America* (1995), which re-oriented the study of democratic party systems in the developing world. It is essential reading for scholars and students of comparative party systems,

democracy, and Latin American politics. It shows that a stable and predictable party system facilitates important democratic processes and outcomes, but that building and maintaining such a party system has been the exception rather than the norm in contemporary Latin America. Emphasizing concepts and rationale over mathematical minutiae, this is the most widely used, complete, and accessible structural equation modeling (SEM) text. Continuing the tradition of using real data examples from a variety of disciplines, the significantly revised fourth edition incorporates recent developments such as Pearl's graphing theory and the structural causal model (SCM), measurement invariance, and more. Readers gain a comprehensive understanding of all phases of SEM, from data collection and screening to the interpretation and reporting of the results. Learning is enhanced by exercises with answers, rules to remember, and topic boxes. The companion website supplies data, syntax, and output for the book's examples--now including files for Amos, EQS, LISREL, Mplus, Stata, and R (lavaan). New to This Edition *Extensively revised to cover important new topics: Pearl's graphing theory and the SCM, causal inference frameworks, conditional process modeling, path models for longitudinal data, item response theory, and more. *Chapters on best practices in all stages of SEM, measurement invariance in confirmatory factor analysis, and significance testing issues and bootstrapping. *Expanded coverage of psychometrics. *Additional computer tools: online files for all detailed examples, previously provided in EQS, LISREL, and Mplus, are now also given in Amos, Stata, and R (lavaan). *Reorganized to cover the specification, identification, and analysis of observed variable models separately from latent variable models. Pedagogical Features *Exercises with answers, plus end-of-chapter annotated lists of further reading. *Real examples of troublesome data, demonstrating how to handle typical problems in analyses. *Topic boxes on specialized issues, such as causes of nonpositive definite correlations. *Boxed rules to remember. *Website promoting a learn-by-doing approach, including syntax and data files for six widely used SEM computer tools.

This book offers a practical reference guide to soft rock mechanics for engineers and scientists. Written by recognized experts, it will benefit professionals, contractors, academics, researchers and students working on rock engineering projects in the fields of civil engineering, mining and construction engineering. Soft Rock Mechanics and Engineering covers a specific subject of great relevance in Rock Mechanics – and one that is directly connected to the design of geotechnical structures under difficult ground conditions. The book addresses practical issues related to the geomechanical properties of these types of rock masses and their characterization, while also discussing advances regarding in situ investigation, safety, and monitoring of geotechnical structures in soft rocks. Lastly, it presents important case histories involving tunnelling, dam foundations, coal and open pit mines and landslides.

Since the first implementation by Electricité de France on the Goulours dam (France) in 2006, the Piano Key Weir has become a more and more applied solution to increase the discharge capacity of existing spillways. In parallel, several new large dam projects have been built with such a flood control structure, usually in combination with gates. Today, more than 25 Piano Key Weirs are in operation or under construction all over the world. More than 15 years of research and development have enabled detailed investigations of the hydraulic and structural behaviour of the Piano Key Weir complex structure and have provided more and more accurate design equations. Following the proceedings of the first two workshops held in Liege (Belgium – 2011) and Paris (France – 2013), Labyrinth and Piano Key Weirs III collects the contributions presented by people with varied background, from researchers to practitioners, at the 3rd International Workshop on Labyrinth and Piano Key Weirs - PKW 2017 (22-24 February 2017, Qui Nhon, Vietnam). The papers, reviewed and accepted by an International Scientific Committee, summarize the current state-of-the-art on Piano Key Weirs from a theoretical to a practical point of view, and present most of the main projects in operation or under construction. Labyrinth and Piano Key Weirs III is thus a reference for students, practitioners and researchers interested in Dams Engineering.

The present volume is devoted to the study of language use in translated texts as a function of various linguistic, contextual and cognitive factors. It contributes to the recent trend in empirical translation studies towards more methodological sophistication, including mixed methodology designs and multivariate statistical analyses, ultimately leading to a more accurate understanding of language use in translations.

Air Transport and Tourism: Interrelationship, Operations and Strategies is a comprehensive textbook covering all major aspects of air transport from operational and managerial perspectives, as well as exploring the intricate relationship that exists between the air transport and tourism industries. The book introduces and provides in-depth coverage of the complexities of the airline industry and the tourism industry and the ways in which they are connected and impact on each other, for example, the destination–airport–airline nexus, and the roles of air transport and airlines in tourism and vice versa. Emphasis is placed on current and future trends, the impact of COVID-19, sustainability and environmental challenges throughout. Comprehensive coverage of airline operations, strategic management and planning, airport operations and air transport information technology is also provided, offering a practical viewpoint on these vital aspects of the subject. This will be the ideal introductory textbook for students of tourism and hospitality studying courses in aviation and air travel.

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