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With this book we try to reach several more-or-less unattainable goals namely: To compromise in a single book all the most important achievements of Monte Carlo calculations for solving neutron and photon transport problems. To present a book which discusses the same topics in the three levels known from the literature and gives us useful information for both beginners and experienced readers. It lists both well-established old techniques and also newest findings.

Written by emergency nurses for emergency nurses, Sheehy's *Emergency Nursing: Principles and Practice, 7th Edition* covers the issues and procedures unique to the emergency department. This comprehensive, evidence-based resource is written by the Emergency Nurses Association and includes developments and changes in clinical practice that are incorporated throughout the text. Considered the go-to guide for issues and procedures unique to the emergency department, the user-friendly format features more than 150 high-quality illustrations and tables that highlight essential concepts and offer quick access to vital information. New to this edition is updated key coverage including clinical fundamentals, treatment for trauma and medical-surgical emergencies, the foundations of emergency nursing practice, special populations, and more! Written by the Emergency Nurses Association, ensuring this is the most accurate information on the market. Most comprehensive and authoritative text available on emergency nursing. Logically organized, chapters are grouped into six sections for quick access to important content: Foundations of Emergency Nursing, Professional Practice, Clinical Foundations of Emergency Nursing, Major Trauma Emergencies, Medical and Surgical Emergencies, and Special Patient Populations. Tables and boxes highlight and summarize critical and essential information, while 150 illustrations help you to quickly identify and treat frequently encountered conditions. A separate unit on special patient populations covers topics such as child abuse, elder abuse, intimate partner violence, sexual assault, substance abuse and behavioral/pediatric/obstetrical emergencies. NEW! Coverage includes the latest on topical issues such as ethics, workplace violence, and geriatric trauma. UPDATED pain guidelines feature the latest pain indicators. UPDATED sepsis guidelines provide essential information on pathophysiology and diagnosis, with valuable guidelines for managing these patients. NEW! Fully revised information on communicable diseases. UPDATED Information on non-narcotic use for treatment of pain and increasing rates of addiction. NEW! Discussion of transgender patients covers how to work with this unique population. NEW! Full color photo insert

This second edition provides the core knowledge required to skillfully carry out all daily clinical responsibilities. Current, updated coverage examines human reproduction, genetics, high-risk pregnancies, labor and delivery risk, and much more.

"This is a book designed for real emergency department (ED) nurses by a real ED nurse. It is a quick reference book intended to aid your day-to-day ED orientation process with your preceptor and to guide you through the most common illnesses seen in the ED"--

'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*.

Learn to provide state-of-the-art care to any patient in any setting with the most comprehensive trauma nursing resource available. Using the unique cycles of trauma framework, *Trauma Nursing: From Resuscitation Through Rehabilitation, 5th Edition* features coverage of cutting-edge research findings and current issues, trends, and controversies in trauma nursing. The thoroughly updated fifth edition guides you through all phases of care - from preventive care and the time of injury to the resuscitative, opera-

tive, critical, intermediate, and rehabilitative stages. Plus, new chapters address unique trauma patient populations including pregnant women, children, the elderly, bariatric individuals, burned patients, those with a history of substance abuse and organ donors. With timely discussions on emerging topics such as mass casualty events and rural trauma, this is the most complete resource available for both students and experienced trauma nurses. UPDATED! Disaster preparedness, response and recovery for mass casualty incidents prepares students to act quickly and confidently in the event of a disaster, with guidelines for initial response and sustained response. UPDATED! The latest sepsis protocols, opioid use and pain/sedation protocols, and treating injured patients with diabetes. Special populations coverage prepares you to meet the needs of unique trauma patient populations including pregnant women, children, the elderly, bariatric individuals, burn patients, those with a history of substance abuse and organ donors. Coverage of specific issues that affect all patients regardless of their injury, gives you a solid understanding of mechanism of injury, traumatic shock, patient/family psychosocial responses to trauma, pain, anxiety, delirium and sleep management; infection; wound healing, and nutrition. Tables and illustrations throughout add clarity to the content being discussed. NEW! Information on a team-centered, interdisciplinary approach to care. NEW! Up-to-date evidence-based information about issues that affect trauma care systems, includes injury pathophysiology, and state-of-the-art care for the trauma patient during all phases of care. NEW! All new content includes information on cultural sensitivity, care for caregivers, and how to handle self-harm injuries and suicide. NEW! Certification review questions help you to prepare for certification by listing the correct answers and rationales. NEW! Current recommendations for measuring fluid administration responsiveness.

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.

The new edition upholds the premise that knowledge about research process and design is mandatory in today's health care arena, and that all nurses and midwives need to understand research findings and their implication for changing practice. It is completely revised with many new chapters. The text has been restructured into three sections. Section 1 Research Awareness sets the scene for the importance of nursing and midwifery research and provides an overview of research theory and practice as processes. Chapters on searching for and reviewing the literature provide detailed advice for undergraduates and facilitate access to research articles online. One of the new chapters discusses ethical issues in Australia and New Zealand. Section 2 Appreciation and Application provides a detailed discussion of qualitative, quantitative and mixed methods research approaches with many useful examples from the clinical area. Section 3 Conducting primary research is new and is designed to accommodate both undergraduate and postgraduate students in their research effort. Writing research proposals may be a requirement for undergraduates in their research program and postgraduates will find the information useful for undertaking a higher degree or applying for university or external funding. This final Section is also useful as a guide on disseminating and publishing conducted research findings. Combined Australian and New Zealand editorship ensures greater trans-Tasman coverage, awareness and relevance. Contributions from international luminaries are balanced by a heightened focus on research conducted within Australia and New Zealand. New edition conscientiously recognises midwifery research as related to but independent from nursing. The research process-driven approach is directed towards 'consumers' of research, and the comprehensive coverage extends from undergraduate through to a postgraduate level of knowledge. Expanded pedagogy includes Key Terms and Learning Outcomes at the beginning of each chapter; Icons throughout that direct readers to web-based material; Evidence-based Tips, Research in Brief boxes and Points to Ponder for constant reinforcement that links evidence to practice. Integrated Tutorial Triggers with suggested answers provided and Multiple Choice Questions enable students to assess their understanding of key points. Evolve Website provides True/False questions and access to journal articles cited in the text, with additional reflective questions. Australian adaptation of *Nursing Research: Lobiundo-Wood & Haber*

The Handbook bridges hitherto separate disciplines engaged in research in mergers and acquisitions (M&A) to integrate strategic,

financial, socio-cultural, and sectoral approaches to the field. It examines the management processes involved, as well as valuations and post-acquisition performance, and considers international and sectoral dimensions.

This international bestseller covers the full advanced paediatric life support course, with the core sections for the abbreviated one-day course clearly picked out. The book provides practical guidance for managing children and infants in the first life-threatening "golden" hour. This new edition goes beyond immediate management to include stabilisation and transfer.

Delineates essential pediatric knowledge and skills that will greatly enhance nursing orientation and ongoing education This pocket-sized resource for nurses confronting pediatric emergencies provides immediate access to vital, life-saving information. Ideal for a variety of settings, this guide distills the wisdom of expert pediatric emergency clinicians who provide a wealth of critical information from basic foundational knowledge through red flag presentations and triage. After describing how to best incorporate the guide into practice, the book conveys important contextual information about pediatric developmental stages, anatomy and physiology, and how to communicate effectively with patients and caregivers. This essential resource provides comprehensive triage content; a combination of concept-based learning, disease pathology, and recognition according to body system; and psychosocial considerations. Additionally, behavioral health issues, congenital cardiac anomalies, and children with unique needs, along with assessments, interventions, critical medications, and selected components of resuscitation are covered. This text provides emergency, urgent care, clinic, school nurses and others, both experienced and inexperienced, with a pocket reference when caring for the pediatric patient. A quick-reference section highlights emergency pediatric procedures and medication administration for at-a-glance information. Chapters contain space for taking notes, inscribing important phone numbers, or pasting facility-specific policies and procedures. Key Features: Concise, pocket-sized, immediate-access format Useful for emergency, urgent care, clinic, school, detention center, summer camp settings, and others Utilizes a systematic evidence-based approach for the triage, assessment, and identification of appropriate interventions for a variety of clinical presentations Describes nursing pearls and critical concepts of pediatric emergency care Addresses typical vs. atypical patient presentations Provides step-by-step information for pediatric procedures Addresses anatomic and physiologic age-specific considerations Applicable to each disease pathology or injury Icons are used throughout the book to quickly direct the user to specific content areas Contains blank note pages for customization

"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!

This book represents the first multidisciplinary scientific work on a deep volcanic maar lake in comparison with other similar temperate lakes. The syntheses of the main characteristics of Lake Pavin are, for the first time, set in a firmer footing comparative approach, encompassing regional, national, European and international aquatic science contexts. It is a unique lake because of its permanently anoxic monimolimnion, and furthermore, because of its small surface area, its substantially low human influence, and by the fact that it does not have a river inflow. The book reflects the scientific research done on the general limnology, history, origin, volcanology and geological environment as well as on the geochemistry and biogeochemical cycles. Other chapters focus on the biology and microbial ecology whereas the sedimentology and paleolimnology are also given attention. This volume will be of special interest to researchers and advanced students, primarily

in the fields of limnology, biogeochemistry, and aquatic ecology. Clinics in Developmental Medicine No. 158 Over the past 10-15 years there has been a significant increase in the understanding of migraine and tension headache in children but there is currently no single source of current information for paediatric neurologists and paediatricians. In this book an international team of experts in the headache area addresses that gap and provides an extensive and detailed review of the recent findings in migraine and tension headache as well as headaches caused by underlying neurological disorders. They give an up-to-date assessment of the causes of childhood headache and better definitions and criteria for diagnosis, pointing the way to important future areas of research. This book, with its evidence-based plans of management and guidelines for investigations, will be essential reading for all clinicians treating headache in children.

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

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

The European DayWater project has developed a prototype of an Adaptive Decision Support System (ADSS) related to urban stormwater pollution source control. The DayWater ADSS greatly facilitates decision-making for stormwater source control, which is currently impeded by the large number of stakeholders involved and by the necessary multidisciplinary knowledge. This book presents the results of this project, providing new insights into both technical and management issues. The main objectives of its technical chapters are pollution source control modelling, risk and impact assessment, and evaluation and comparison of best management practices. It also covers management aspects, such as the analysis of the decision-making processes in stormwater source control, at a European scale, and stormwater management strategies in general. The combination of scientific-technical and socio-managerial knowledge, with the strong cooperation of numerous end-users, reflects the innovative character of this book which includes actual applications of the ADSS prototype in significant case studies. DayWater: an Adaptive Decision Support System for Urban Stormwater Management contains 26 chapters collectively prepared by DayWater scientific partners and end-users associated with this European Research and Development project. It includes: A general presentation of the DayWater Adaptive Decision Support System (ADSS) structure and operation modes A detailed description of the major components of this ADSS prototype The assessment of its components in significant case studies in France, Germany and Sweden The proceedings of the International Conference on Decision Support Systems for Integrated Urban Water Management, held in Paris on 3-4 November 2005. The book presents the ADSS prototype including a combination of freely accessible on-line databases, guidance documents, "road maps" and modelling or multi-criteria analysis tools. As demonstrated in several significant case studies the challenge for stormwater managers is to make the benefits of urban stormwater management visible to society, resulting in active co-operation of a diversity of stakeholders. Only then, will sustainable management succeed. DayWater: an Adaptive Decision Support System for Urban Stormwater Management advances this cause of sustainable urban management through Urban stormwater management, and makes achievable (by means of risk and vulnerability tools which are included) the goal of integrated urban water management (IUWM).

"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."--Publisher's description.

The Deep Mixing Method (DMM), a deep in-situ soil stabilization technique using cement and/or lime as a stabilizing agent, was developed in Japan and in the Nordic countries independently in the 1970s. Numerous research efforts have been made in these areas investigating properties of treated soil, behavior of DMM improved ground under static and d

Providing a comprehensive interdisciplinary assessment, and with a particular focus on expressions of tension and anxiety about modernity, this collection examines visual culture in nineteenth-century Europe as it attempted to redefine itself in the face of social change and new technologies. Contributing scholars from the fields of history, art, literature and the history of science investigate the role of visual representation and the dominance of the image by looking at changing ideas expressed in representations of science, technology, politics, and culture in advertising, art, periodicals, and novels. They investigate how, during the period, new emphasis was placed on the visual with emerging forms of mass communication?photography, lithography, newspapers, advertising, and cinema?while older forms as varied as poetry, the novel, painting, interior decoration, and architecture became transformed. The volume includes investigations into new innovations and scientific development such as the steam engine, transportation and engineering, the microscope, "spirit photography," and the orrery, as well as how this new technology is reproduced in illustrated periodicals. The essays also look at more traditional forms of creative expression to show that the same concerns and anxieties about science, technology and the changing perceptions of the natural world can be seen in the art of Armand Guillaumin, Auguste Rodin, Gustave Caillebotte, and Camille Pissarro, in colonial nineteenth-century novels, in design manuals, in museums, and in the decorations of domestic interior spaces. Visions of the Industrial Age, 1830-1914 offers a thorough exploration of both the nature of modernity, and the nature of the visual.

Praise for the first edition: "[This book] succeeds singularly at providing a structured introduction to this active field of research. ... it is arguably the most accessible overview yet published of the mathematical ideas and principles that one needs to master to enter the field of high-dimensional statistics. ... recommended to anyone interested in the main results of current research in high-dimensional statistics as well as anyone interested in acquiring the core mathematical skills to enter this area of research." —Journal of the American Statistical Association Introduction to High-Dimensional Statistics, Second Edition preserves the philosophy of the first edition: to be a concise guide for students and researchers discovering the area and interested in the mathematics involved. The main concepts and ideas are presented in simple settings, avoiding thereby unessential technicalities. High-dimensional statistics is a fast-evolving field, and much progress has been made on a large variety of topics, providing new insights and methods. Offering a succinct presentation of the mathematical foundations of high-dimensional statistics, this new edition: Offers revised chapters from the previous edition, with the inclusion of many additional materials on some important topics, including compress sensing, estimation with convex constraints, the slope estimator, simultaneously low-rank and row-sparse linear regression, or aggregation of a continuous set of estimators. Introduces three new chapters on iterative algorithms, clustering, and minimax lower bounds. Provides enhanced appendices, minimax lower bounds mainly with the addition of the Davis-Kahan perturbation bound and of two simple versions of the Hanson-Wright concentration inequality. Covers cutting-edge statistical methods including model selection, sparsity and the Lasso, iterative hard thresholding, aggregation, support vector machines, and learning theory. Provides detailed exercises at the end of every chapter with collaborative solutions on a wiki site. Illustrates concepts with simple but clear practical examples.

Corpus Linguistics for Translation and Contrastive Studies provides a clear and practical introduction to using corpora in these fields. Giving special attention to parallel corpora, which are collections of texts in two or more languages, and demonstrating the potential benefits for multilingual corpus linguistics research to both translators and researchers, this book: explores the different types of parallel corpora available, and shows how to use basic and advanced search procedures to analyse them; explains how to compile a parallel corpus, and discusses their uses for translation purposes and to research linguistic phenomena across languages; demonstrates the use of corpus extracts across a wide range of texts, including dictionaries, novels by authors including Jane Austen and Mikhail Bulgakov, and newspapers such as The Sunday Times; is illustrated with case studies from a range of lan-

guages including Finnish, Russian, English and French. Written by two experienced researchers and practitioners, Corpus Linguistics for Translation and Contrastive Studies is essential reading for postgraduate students and researchers working within the area of translation and contrastive studies.

With the market-leading nursing fundamentals text in Canada, you can be assured that students will develop a firm educational foundation that will help them to succeed. Written in a clear manner and organized logically, this book will teach students all of the principles, concepts and skills necessary for them to thrive, both academically and professionally. A trusted favourite for Canadian faculty and students, the new Fourth Canadian Edition offers the most complete teaching and learning package available. A companion CD and Evolve website included with the book ensure that students have the most up-to-date and practical tools at their fingertips, and provide instructors with a host of resources to assist in their lesson planning, development and delivery. The new Fourth Canadian Edition of this nursing classic is the most current and comprehensive text available. . Nursing skills include steps and rationales to illustrate how and why a skill is performed . Critical thinking models illustrate how to provide the best care for clients . Nursing care plans include sections on Assessment, Planning, Interventions and Evaluation . Client teaching boxes emphasize key points for patient education . Boxes on older adults, culture and primary health care highlight key principles and aspects of nursing care . Evidence-informed practice guidelines provide examples of recent guidelines for Canadian nursing practice . Research highlights provide abstracts of current nursing research studies and explain the implications for daily practice . Companion CD includes student learning activities, Butterfield's Fluids and Electrolytes Tutorial, and more . Companion Evolve website includes review questions, interactive exercises, and more . Completely revised and updated to reflect current Canadian nursing practice . New chapter on Surviving Cancer . New chapter on Nursing Informatics . 3 new Canadian section editors . An all-new Canadian editorial advisory board . Over 55 contributors from across the country . Emphasis on the Media Resources that accompany each chapter help to detail the comprehensive electronic resources available for that specific topic . Addition of new Nursing Story boxes that describe real-life scenarios . Increased emphasis on nurse and client safety, including Safety Alerts embedded throughout the text that highlight safe practices and techniques . New appendix on laboratory values Review Guides/Certification Prep/Pocket Guides

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.

Children represent a special challenge for emergency care providers, because they have unique medical needs in comparison to adults. For decades, policy makers and providers have recognized the special needs of children, but the system has been slow to develop an adequate response to their needs. This is in part due to inadequacies within the broader emergency care system. Emergency Care for Children examines the challenges associated with the provision of emergency services to children and families and evaluates progress since the publication of the Institute of Medicine report Emergency Medical Services for Children (1993), the first comprehensive look at pediatric emergency care in the United States. This new book offers an analysis of: • The role of pediatric emergency services as an integrated component of the overall health system. • System-wide pediatric emergency care planning, preparedness, coordination, and funding. • Pediatric training in professional education. • Research in pediatric emergency care. Emergency Care for Children is one of three books in the Future of Emergency Care series. This book will be of particular interest to emergency health care providers, professional organizations, and policy makers looking to address the pediatric deficiencies within their emergency care systems.

A synthesis of theoretical and practical research on combinatorial auctions from the perspectives of economics, operations re-

search, and computer science. With a foreword by Vernon L. Smith, recipient of the 2002 Nobel Prize in Economics. The study of combinatorial auctions—auctions in which bidders can bid on combinations of items or “packages”—draws on the disciplines of economics, operations research, and computer science. This landmark collection integrates these three perspectives, offering a state-of-the-art survey of developments in combinatorial auction theory and practice by leaders in the field. Combinatorial auctions (CAs), by allowing bidders to express their preferences more fully, can lead to improved economic efficiency and greater auction revenues. However, challenges arise in both design and implementation. *Combinatorial Auctions* addresses each of these challenges. After describing and analyzing various CA mechanisms, the book addresses bidding languages and questions of efficiency. Possible strategies for solving the computationally intractable problem of how to compute the objective-maximizing allocation (known as the winner determination problem) are considered, as are questions of how to test alternative algorithms. The book discusses five important applications of CAs: spectrum auctions, airport takeoff and landing slots, procurement of freight transportation services, the London bus routes market, and industrial procurement. This unique collection makes recent work in CAs available to a broad audience of researchers and practitioners. The integration of work from the three disciplines underlying CAs, using a common language throughout, serves to advance the field in theory and practice.

Advanced language learning has only recently begun to capture the interest and attention of applied linguists and professionals in language education in the United States. In this breakthrough volume, experts in the field lay the groundwork for approaching the increasingly important role of advanced language learning in the larger context of multilingual societies, globalization, and security. This volume presents both general and theoretical insights and language-specific considerations in college classrooms spanning a range of languages, from the commonly taught languages of English, French, and German to the less commonly taught Farsi, Korean, Norwegian, and Russian. Among theoretical frameworks likely to be conducive to imagining and fostering instructed “advancedness” in a second language, this volume highlights a cognitive-semantic approach. The theoretical and data-based findings make clear that advanced learners in particular are characterized by the capacity to make situated choices from across the entire language system, from vocabulary and grammar to discourse features, which suggests the need for a text-oriented, meaning-driven approach to language teaching, learning, and research. This volume also considers whether and how information structuring in second-language composition reveals first-language preferences of grammaticized concepts. Other topics include curricular and in-

structional approaches to narrativity, vocabulary expansion, the demands on instructed programs for efficiency and effectiveness in order to assure advanced levels, and learners’ ability to function in professional contexts with their diverse oral and written genre requirements. Finally, the volume probes the role and nature of assessment as a measurement tool for both researching and assessing advanced language learning and as an essential component of improving programs.

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.

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 Manchester Triage System (MTS) is the most widely used triage system in the UK, Europe and Australia, with tens of millions of patients being processed through hospital emergency departments. It is also used in hospitals throughout Brazil. *Emergency Triage* is the core text for the MTS, which utilises a risk averse system of prioritisation for patients in all unscheduled care settings. As such, it is an essential text for all emergency department staff using the MTS, in particular triage nurses. The book is both a training tool and a reference for daily use in the Emergency Depart-

ment and prehospital settings. This edition features revised protocols that reflect new approaches to prioritisation, with accompanying revised flowcharts - the core part of the book. Table of Contents Presentation flow charts index 1: Introduction 2: The decision-making process and triage 3: The triage method 4: Pain assessment as part of the triage process 5: Patient management, triage and the triage nurse 6: Auditing the triage process 7: Telephone triage 8: Beyond prioritisation to other applications

To go “beyond” the work of a leading intellectual is rarely an unambiguous tribute. However, when Gideon Toury founded *Descriptive Translation Studies* as a research-based discipline, he laid down precisely that intellectual challenge: not just to describe translation, but to explain it through reference to wider relations. That call offers at once a common base, an open and multidirectional ambition, and many good reasons for unambiguous tribute. The authors brought together in this volume include key players in Translation Studies who have responded to Toury’s challenge in one way or another. Their diverse contributions address issues such as the sociology of translators, contemporary changes in intercultural relations, the fundamental problem of defining translations, the nature of explanation, and case studies including pseudotranslation in Renaissance Italy, Sherlock Holmes in Turkey, and the coffee-and-sugar economy in Brazil. All acknowledge Translation Studies as a research-based space for conceptual coherence and creativity; all seek to explain as well as describe. In this sense, we believe that Toury’s call has been answered beyond expectations.

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.