En 50129 Standard Ebook And

Conan the Barbarian enters a new creative phase as
J.M. DeMatteis ("Kraven's Last Stand") debuts as series
writer. He will take Conan to the magical city in the
clouds, Mreead-Zza; return fan-favorites Jenna and
Murilo to the supporting cast; and team with John
Buscema on a set of stories pitting Conan against
Eilaynia, Princess of Mist. Then, Marvel legend Gil Kane
takes the artistic reins for an extended run featuring "The
Creation Quest" saga, while writer Bruce Jones
(Incredible Hulk) mixes a blend of humor and horror.
Plus: A story illustrated by titans John Buscema and
Neal Adams, a pair of Annuals by Roy Thomas and
Thomas and Buscema's Conan of the Isles graphic
novel, reprinted for the fi rst time! COLLECTING:
CONAN THE BARBARIAN (1970) 116-149, CONAN
THE BARBARIAN ANNUAL (1973) 6-9, CONAN OF
THE ISLES (1988), WHAT IF? (1977) 39
The Handbook of RAMS in Railway Systems: Theory
and Practice addresses the complexity in today's railway
systems, which use computers and electromechanical
components to increase efficiency while ensuring a high
level of safety. RAM (Reliability, Availability,
Maintainability) addresses the specifications and
standards that manufacturers and operators have to
meet. Modeling, implementation, and assessment of
RAM and safety requires the integration of railway
engineering systems; mathematical and statistical
methods; standards compliance; and financial/economic
factors. This Handbook brings together a group of

experts to present RAM and safety in a modern, comprehensive manner.

Set third graders up for success using this must-have resource! Based on today's standards, the activities in this book are designed to develop students' skills in reading, word study, language, writing, mathematics, social studies, and science. It also features fun, yet challenging, critical-thinking and extension activities and games. Divided into 10 engaging units, one for each month of the school year, this book is designed to supplement students' learning to help solidify the concepts they are learning in third grade and strengthen the connection between home and school. 180 Days of Language is a fun and effective daily practice workbook designed to help students improve their grammar skills. This easy-to-use third grade workbook is great for at-home learning or in the classroom. The engaging standards-based activities cover grade-level skills with easy to follow instructions and an answer key to quickly assess student understanding. Students will practice punctuation, capitalization, and spelling with daily activity pages. Watch as students improve their grammar and writing skills with these quick independent learning activities.Parents appreciate the teacher-approved activity books that keep their child engaged and learning. Great for homeschooling, to reinforce learning at school, or prevent learning loss over summer.Teachers rely on the daily practice workbooks to save them valuable time. The ready to implement activities are perfect for daily morning review or homework. The activities can also be

used for intervention skill building to address learning gaps.

What does imperialism mean in the absence of colonial conquest and imperial rule?

This book constitutes the proceedings of the Workshops held in conjunction with SAFECOMP 2019, 38th International Conference on Computer Safety, Reliability and Security, in September 2019 in Turku, Finland. The 32 regular papers included in this volume were carefully reviewed and selected from 43 submissions; the book also contains two invited papers. The workshops included in this volume are: ASSURE 2019: 7th International Workshop on Assurance Cases for Software-Intensive Systems DECSoS 2019: 14th ERCIM/EWICS/ARTEMIS Workshop on Dependable Smart Embedded and Cyber-Physical Systems and Systems-of-Systems SASSUR 2019: 8th International Workshop on Next Generation of System Assurance Approaches for Safety-Critical Systems STRIVE 2019: Second International Workshop on Safety, securiTy, and pRivacy In automotiVe systEms WAISE 2019: Second International Workshop on Artificial Intelligence Safety Engineering

Exploring the ambiguous relationship between fandom and consumer culture, this book provides a critical overview of fans, fan cultures and fan experiences in relation to the broader experience and transformation economy. Fans and Fan Cultures discusses key theoretical concepts concerning celebrity, fandoms, subculture, consumerism and marketing through a range of examples in film, travel and tourism, football and

music. With an emphasis on social media, and how various online platforms are utilised by brands, artists and fans, the authors explore how this type of communication often contributes to trivialising authentic expressions of cultural and social values and identities. The 2003 Iraq war remains among the most mysterious armed conflicts of modernity. In The Iraq War, John Keegan offers a sharp and lucid appraisal of the military campaign, explaining just how the coalition forces defeated an Iraqi army twice its size and addressing such questions as whether Saddam Hussein ever possessed weapons of mass destruction and how it is possible to fight a war that is not, by any conventional measure, a war at all. Drawing on exclusive interviews with Donald Rumsfeld and General Tommy Franks, Keegan retraces the steps that led to the showdown in Iraq, from the highlights of Hussein's murderous rule to the diplomatic crossfire that preceded the invasion. His account of the combat in the desert is unparalleled in its grasp of strategy and tactics. The result is an urgently needed and up-to-date book that adds immeasurably to our understanding of those twenty-one days of war and their long, uncertain aftermath.

This book proposes a general methodology to introduce Global Navigation Satellite System (GNSS) integrity, starting from a rigorous mathematical description of the problem. It highlights the major issues that designers need to resolve during the development of GNSS-based systems requiring a certain level of confidence on the position

estimates. Although it follows a general approach, the final chapters focus on the application of GNSS integrity to rail transportation, as an example. By describing the main requirements in the context of train position function, one of which is the safe function of any train control system, it shows the critical issues associated with the concept of safe position integrity. In particular, one case study clarifies the key differences between the avionic domain and the railway domain related to the application of GNSS technologies, and identifies a number of railway-signaling hazards linked with the use of such technology. Furthermore, it describes various railway-signaling techniques to mitigate such hazards to prepare readers for the future evolution of train control systems, also based on the GNSS technology. This unique book offers a valuable reference guide for engineers and researchers in the fields of satellite navigation and rail transportation. Leverage Oracle Database 11g Release 2 High Availability Features Protect your critical business assets and achieve maximum database uptime using the detailed information in this Oracle Press guide. Oracle Database 11g Release 2 High Availability: Maximize Your Availability with Grid Infrastructure, Oracle Real Application Clusters, and Oracle Data Guard, Second Edition provides cost-effective solutions to current availability challenges. Discover how to grid-enable your IT framework, roll

out Oracle Real Application Clusters, maintain standby databases, and deploy Oracle Flashback. Monitoring, tuning, and disaster recovery techniques are also covered in this comprehensive resource. Install Oracle Clusterware (as part of Oracle's grid infrastructure) or upgrade from an earlier version Build test clusters and hosts using Oracle VM Work with Oracle Automatic Storage Management and Oracle Automatic Storage Management Cluster File System Create synchronized standby databases using Oracle Data Guard Reliably archive and restore data with Oracle Recovery Manager Use Oracle Flashback to identify and undo user errors Configure Oracle Enterprise Manager Grid Control for management of an Oracle maximum availability architecture environment

This proceedings volume explores the latest advances in transport and logistics, while also discussing the applications of modern information technologies, telecommunications, electronics, and prospective research methods and analyzing their impacts on society and the environment, which in turn determine the future development of these technologies. The book is intended for a broad readership, including transport and logistics business planners and technical experts, leveraging industry knowledge and facilitating technology adoption in promising business regions and transit corridors such as Ukraine, Kazakhstan, and others. The

authors, who include policy planners and crafters as well as education and training professionals, address various types of intermodal transport such as rail, road, maritime, air, etc.

This book presents the state of the art, challenges and future trends in automotive software engineering. The amount of automotive software has grown from just a few lines of code in the 1970s to millions of lines in today's cars. And this trend seems destined to continue in the years to come, considering all the innovations in electric/hybrid, autonomous, and connected cars. Yet there are also concerns related to onboard software, such as security, robustness, and trust. This book covers all essential aspects of the field. After a general introduction to the topic, it addresses automotive software development, automotive software reuse, E/E architectures and safety, C-ITS and security, and future trends. The specific topics discussed include requirements engineering for embedded software systems, tools and methods used in the automotive industry, software product lines, architectural frameworks, various related ISO standards, functional safety and safety cases, cooperative intelligent transportation systems, autonomous vehicles, and security and privacy issues. The intended audience includes researchers from academia who want to learn what the fundamental challenges are and how they are being

tackled in the industry, and practitioners looking for cutting-edge academic findings. Although the book is not written as lecture notes, it can also be used in advanced master's-level courses on software and system engineering. The book also includes a number of case studies that can be used for student projects.

In recent years, a considerable amount of effort has been devoted, both in industry and academia, to the development, validation and verification of critical systems, i.e. those systems whose malfunctions or failures reach a critical level both in terms of risks to human life as well as having a large economic impact. Certifications of Critical Systems - The CECRIS Experience documents the main insights on Cost Effective Verification and Validation processes that were gained during work in the European Research Project CECRIS (Certification of Critical Systems). The objective of the research was to tackle the challenges of certification by focusing on those aspects that turn out to be more difficult/important for current and future critical systems industry: the effective use of methodologies, processes and tools. Starting from both the scientific and industrial state of the art methodologies for system development and the impact of their usage on the verification and validation and certification of critical systems, the project aimed at developing strategies and techniques supported by automatic or

semi-automatic tools and methods for these
activities, setting guidelines to support engineers
during the planning of the verification and validation
phases.

Encourage second-grade students to build their
reading comprehension and word study skills using
daily practice activities. Great for after school,
intervention, or homework, teachers and parents can
help students gain regular practice through these
quick, diagnostic-based activities that are correlated
to College and Career Readiness and other state
standards. Both fiction and nonfiction reading
passages are provided as well as data-driven
assessment tips and digital versions of the
assessment analysis tools and activities. With these
easy-to-use activities, second graders will boost their
reading skills in a hurry!

This book addresses the development of safety-
critical software and to this end proposes the
SafeScrum® methodology. SafeScrum® was
inspired by the agile method Scrum, which is
extensively used in many areas of the software
industry. Scrum is, however, not intended or
designed for use with safety-critical systems; hence
the authors propose guidelines and additions to
make it both practically useful and compliant with the
additional requirements found in safety standards.
The book provides an overview of agile software
development and how it can be linked to safety and

relevant safety standards. SafeScrum® is described in detail as a useful approach for reaping the benefits of agile methods, and is intended as a set of ideas and a basis for adaptation in industry projects. The book covers roles, processes and practices, and documentation. It also includes tips on how standard software process tools can be employed. Lastly, some insights into relevant research in this new and emerging field are provided, and selected real-world examples are presented. The ideas and descriptions in this book are based on collaboration with the industry, in the form of discussions with assessment organizations, general discussions within the research fields of safety and software, and last but not least, the authors' own experiences and ideas. It was mainly written for practitioners in industry who know a great deal about how to produce safety-critical software but less about agile development in general and Scrum in particular.

If you've been asked to maintain large and complex Hadoop clusters, this book is a must. Demand for operations-specific material has skyrocketed now that Hadoop is becoming the de facto standard for truly large-scale data processing in the data center. Eric Sammer, Principal Solution Architect at Cloudera, shows you the particulars of running Hadoop in production, from planning, installing, and configuring the system to providing ongoing maintenance. Rather than run through all possible

scenarios, this pragmatic operations guide calls out what works, as demonstrated in critical deployments. Get a high-level overview of HDFS and MapReduce: why they exist and how they work Plan a Hadoop deployment, from hardware and OS selection to network requirements Learn setup and configuration details with a list of critical properties Manage resources by sharing a cluster across multiple groups Get a runbook of the most common cluster maintenance tasks Monitor Hadoop clusters—and learn troubleshooting with the help of real-world war stories Use basic tools and techniques to handle backup and catastrophic failure

A number of advances have taken place in panel data analysis during the pastthree decades and it continues to be one of the most active areas of research. This volume contains 13 significant contributions focusing on modelling strategies, data issues, theoretical analysis and applications. Applied econometrics papers on the economics of labor, health, telecommunications, finance and macroeconomics are provided as well as a survey of recent theoretical developments in panal data analysis. Contributors include both well known scholars and younger researchers from Australia, Canada, Europe and the United States of America.

Handbook of RAMS in Railway SystemsTheory and PracticeCRC Press

This book constitutes the refereed proceedings of the Third International Workshop and Tutorial, FMTea 2019, Held as Part of the Third World Congress on Formal

Methods, FM 2019, Porto, Portugal, October 2019. The 14 full papers presented together with 3 abstract papers were carefully reviewed and selected from 22 submissions. The papers are organized in topical sections named: Tutorial lectures; Teaching Program Verification; Teaching Program Development; and Effective Teaching Techniques.

This book constitutes the refereed proceedings of five workshops co-located with SAFECOMP 2017, the 36th International Conference on Computer Safety, Reliability, and Security, held in Trento, Italy, in September 2017. The 38 revised full papers presented together with 5 introductory papers to each workshop, and three invited papers, were carefully reviewed and selected from 49 submissions. This year's workshops are: ASSURE 2017 – Assurance Cases for Software-Intensive Systems; DECSoS 2017 – ERCIM/EWICS/ARTEMIS Dependable Embedded and Cyber-Physical Systems and Systems-of-Systems; SASSUR 2017 – Next Generation of System Assurance Approaches for Safety-Critical Systems; TIPS 2017 – Timing Performance in Safety Engineering; TELERISE 2017 Technical and legal Aspects of Data Privacy and Security.

We all know that safety should be an integral part of the systems that we build and operate. The public demands that they are protected from accidents, yet industry and government do not always know how to reach this common goal. This book gives engineers and managers working in companies and governments around the world a pragmatic and reasonable approach to system safety and risk assessment techniques. It explains in

easy-to-understand language how to design workable safety management systems and implement tested solutions immediately. The book is intended for working engineers who know that they need to build safe systems, but aren't sure where to start. To make it easy to get started quickly, it includes numerous real-life engineering examples. The book's many practical tips and best practices explain not only how to prevent accidents, but also how to build safety into systems at a sensible price. The book also includes numerous case studies from real disasters that describe what went wrong and the lessons learned. See What's New in the Second Edition: New chapter on developing government safety oversight programs and regulations, including designing and setting up a new safety regulatory body, developing safety regulatory oversight functions and governance, developing safety regulations, and how to avoid common mistakes in government oversight Significantly expanded chapter on safety management systems, with many practical applications from around the world and information about designing and building robust safety management systems, auditing them, gaining internal support, and creating a safety culture New and expanded case studies and "Notes from Nick's Files" (examples of practical applications from the author's extensive experience) Increased international focus on world-leading practices from multiple industries with practical examples, common mistakes to avoid, and new thinking about how to build sustainable safety management systems New material on safety culture, developing leading safety performance indicators, safety

maturity model, auditing safety management systems, and setting up a safety knowledge management system The standard-setting reference in medical toxicology—trusted as the leading evidencebased resource for poison emergencies A Doody's Core Title for 2017! For decades, one name has been synonymous with the most respected, rigorous perspectives on medical toxicology and the treatment of poisoned and overdosed patients: Goldfrank's Toxicologic Emergencies. Presented in full color, Goldfrank's delivers essential, patientcenteredcoverage of every aspect of poison management. The editors and authors are recognized as preeminent scholars in their specialties and provide unmatched coverage of all aspects of toxicologic emergencies, from pharmacology and clinical presentation to cutting-edge treatment strategies. Goldfrank's Toxicologic Emergencies, Tenth Edition begins with an examination of medical toxicology principles and techniques. It then reviews the biochemical, molecular, and pathophysiologic basis of toxicology, followed by an intense focus on toxicologic principles related to special patient populations. Features Case studies enhance your understanding of the clinical application of the text material Practical focus on the pathophysiologic basis of medical toxicology The Antidotes in Depth sections delivers the expertise of toxicologists across the world as they present treatments for critically ill poisoned and overdosed patients and allow you to easily identify key issues relating to the use of complex and often unfamiliar therapies The principles of risk management, medicolegal decision making,

patient safety, post mortem toxicology and the assessment of ethanol induced impairment described in chapters and Special Considerations emphasize the interface between medical toxicology, the law, and quality care

This book offers a highly revealing and troubling view of today's high school students and the ways they pursue high grades and success. Denise Pope, veteran teacher and curriculum expert, follows five motivated and successful students through a school year, closely shadowing them and engaging them in lengthy reflections on their school experiences. What emerges is a double-sided picture of school success. On the one hand, these students work hard in school, participate in extracurricular activities, serve their communities, earn awards and honours, and appear to uphold school values. But on the other hand, they feel that in order to get ahead they must compromise their values and manipulate the system by scheming, lying, and cheating. In short, they do school, that is, they are not really engaged with learning nor can they commit to such values as integrity and community. The words and actions of these five students - two boys and three girls from diverse ethnic and socioeconomic backgrounds - underscore the frustrations of being caught in a grade trap that pins future success to high grades and test scores. Their stories raise critical questions that are too important for parents, educators, and community leaders to ignore. Are schools cultivating an environment that promotes intellectual curiosity, cooperation, and integrity? Or are they fostering anxiety, deception, and

hostility? Do today's schools inadvertently impede the very values they claim to embrace? Is the success that current assessment practices measure the kind of success we want for our children?

Cybersecurity and Privacy issues are becoming an important barrier for a trusted and dependable global digital society development.In this context, new holistic approaches, methodologies, techniques and tools are needed to cope with those issues, and mitigate cyberattacks

The safety case (SC) is one of the railway industry's most important deliverables for creating confidence in their systems. This is the first book on how to write an SC, based on the standard EN 50129:2003. Experience has shown that preparing and understanding an SC is difficult and time consuming, and as such the book provides insights that enhance the training for writing an SC. The book discusses both "regular" safety cases and agile safety cases, which avoid too much documentation, improve communication between the stakeholders, allow quicker approval of the system, and which are important in the light of rapidly changing technology. In addition, it discusses the necessity of frequently updating software due to market requirements, changes in requirements and increased cyber-security threats. After a general introduction to SCs and agile thinking in chapter 1, chapter 2 describes the majority of the roles that are relevant when developing railway-signaling systems. Next, chapter 3 provides information related to the assessment of signaling systems, to certifications based on IEC 61508 and to the authorization of signaling systems. Chapter 4 then explains how an agile safety plan satisfying the requirements given in EN 50126-1:1999 can be developed, while chapter 5 provides a brief introduction to

safety case patterns and notations. Lastly, chapter 6 combines all this and describes how an (agile) SC can be developed and what it should include. To ensure that infrastructure managers, suppliers, consultants and others can take full advantage of the agile mind-set, the book includes concrete examples and presents relevant agile practices. Although the scope of the book is limited to signaling systems, the basic foundations for (agile) SCs are clearly described so that they can also be applied in other cases.

The annual International Conference on Global Security, Safety and Sustainability (ICGS3) is an established platform in which security, safety and sustainability issues can be examined from several global perspectives through dialogue between acad- ics, students, government representatives, chief executives, security professionals, and research scientists from the United Kingdom and from around the globe. The three-day conference focused on the challenges of complexity, rapid pace of change and risk/opportunity issues associated with modern products, systems, special events and infrastructures. The importance of adopting systematic and systemic - proaches to the assurance of these systems was emphasized within a special stream focused on strategic frameworks, architectures and human factors. The conference provided an opportunity for systems scientists, assurance researchers, owners, ope- tors and maintainers of large, complex and advanced systems and infrastructures to update their knowledge on the state of best practice in these challenging domains while networking with the leading researchers and solution providers. ICGS3 2010 received paper submissions from more than 17 different countries in all continents. Only 31 papers were selected and were presented as full papers. The program also included a number of keynote lectures by leading researchers, security

professionals and government representatives.
Advances in Safety, Reliability and Risk Management
contains the papers presented at the 20th European Safety
and Reliability (ESREL 2011) annual conference in Troyes,
France, in September 2011. The books covers a wide range
of topics, including: Accident and Incident Investigation;
Bayesian methods; Crisis and Emergency Management;
Decision Making
Lacan's psychoanalytic take on what makes a pervert
perverse is not the fact of habitually engaging in specific
"abnormal" or transgressive sexual acts, but of occupying a
particular structural position in relation to the Other.
Perversion is one of Lacan's three main ontological diagnostic
structures, structures that indicate fundamentally different
ways of solving the problems of alienation, separation from
the primary caregiver, and castration, or having limits set by
the law on one's jouissance. The perverse subject has
undergone alienation but disavowed castration, suffering from
excessive jouissance and a core belief that the law and social
norms are fraudulent at worst and weak at best. In
Perversion, Stephanie Swales provides a close reading (a
qualitative hermeneutic reading) of what Lacan said about
perversion and its substructures (i.e., fetishism, voyeurism,
exhibitionism, sadism, and masochism). Lacanian theory is
carefully explained in accessible language, and perversion is
elucidated in terms of its etiology, characteristics, symptoms,
and fundamental fantasy. Referring to sex offenders as a
sample, she offers clinicians a guide to making differential
diagnoses between psychotic, neurotic, and perverse
patients, and provides a treatment model for working with
perversion versus neurosis. Two detailed qualitative clinical
case studies are presented—one of a neurotic sex offender
and the other of a perverse sex offender—highlighting crucial
differences in the transference relation and subsequent

treatment recommendations for both forensic and private practice contexts. Perversion offers a fresh psychoanalytic approach to the subject and will be of great interest to scholars and clinicians in the fields of psychoanalysis, psychology, forensic science, cultural studies, and philosophy.

This book explores the critical role of acquisition, application, enhancement, and management of knowledge and human competence in the context of the largely digital and data/information dominated modern world. Whilst humanity owes much of its achievements to the distinct capability to learn from observation, analyse data, gain insights, and perceive beyond original realities, the systematic treatment of knowledge as a core capability and driver of success has largely remained the forte of pedagogy. In an increasingly intertwined global community faced with existential challenges and risks, the significance of knowledge creation, innovation, and systematic understanding and treatment of human competence is likely to be humanity's greatest weapon against adversity. This book was conceived to inform the decision makers and practitioners about the best practice pertinent to many disciplines and sectors. The chapters fall into three broad categories to guide the readers to gain insight from generic fundamentals to discipline-specific case studies and of the latest practice in knowledge and competence management.

The 2011 International Comparison Programme (ICP) is a worldwide statistical initiative that aims to estimate Purchasing Power Parities (PPPs) to be used as currency converters to compare the size and price levels of economies around the world -- crucial information for research in comparative analysis and policy making.

This is a revised and very expanded version of the previous second edition of the book. "Pharmacokinetic and

Pharmacodynamic Data Analysis" provides an introduction into pharmacokinetic and pharmacodynamic concepts using simple illustrations and reasoning. It describes ways in which pharmacodynamic and pharmacodynamic theory may be used to give insight into modeling questions and how these questions can in turn lead to new knowledge. This book differentiates itself from other texts in this area in that it bridges the gap between relevant theory and the actual application of the theory to real life situations. The book is divided into two parts; the first introduces fundamental principles of PK and PD concepts, and principles of mathematical modeling, while the second provides case studies obtained from drug industry and academia. Topics included in the first part include a discussion of the statistical principles of model fitting, including how to assess the adequacy of the fit of a model, as well as strategies for selection of time points to be included in the design of a study. The first part also introduces basic pharmacokinetic and pharmacodynamic concepts, including an excellent discussion of effect compartment (link) models as well as indirect response models. The second part of the text includes over 70 modeling case studies. These include a discussion of the selection of the model, derivation of initial parameter estimates and interpretation of the corresponding output. Finally, the authors discuss a number of pharmacodynamic modeling situations including receptor binding models, synergy, and tolerance models (feedback and precursor models). This book will be of interest to researchers, to graduate students and advanced undergraduate students in the PK/PD area who wish to learn how to analyze biological data and build models and to become familiar with new areas of application. In addition, the text will be of interest to toxicologists interested in learning about determinants of exposure and performing toxicokinetic

modeling. The inclusion of the numerous exercises and models makes it an excellent primary or adjutant text for traditional PK courses taught in pharmacy and medical schools. A diskette is included with the text that includes all of the exercises and solutions using WinNonlin.

Over 100 cyborgs, robots and erotic super pin-ups fill each of these popular collection by world famous airbrush illustrator, Hajime Sorayama.

Syringomelia is a relatively rare clinical entity in which fluid-filled cavities develop within the spinal cord. Although modern imaging technologies usually permit an accurate diagnosis at an early stage, syringomyelia remains an enigmatic condition. This reference monograph provides an up-to-date account of the present state of understanding of syringomyelia and related disorders. The editors aim to document the best clinical practice in diagnosis and treatment and to provide clear guidance on how to reduce the incidence of severe outcomes. New challenges are addressed, including the appropriate management of the increasing number of apparently idiopathic syrinx cavities that are detected. In addition, controversies in current practice and directions for future research are fully discussed. Syringomelia will be an invaluable source of information for experts in the field, specialists in various related disciplines and other interested health care professionals.

Improve reading fluency while providing fun and purposeful practice for performance. Motivate students with this reader's theater script and build students' knowledge through grade-level content. Included graphic organizer helps visual learners.

This book constitutes the revised selected papers of the 14th International Conference on Critical Information Infrastructures Security, CRITIS 2019, held in Linköping, Sweden, in September 2019. The 10 full papers and 5 short papers presented were carefully reviewed and selected from 30 submissions. They are grouped in the following topical sections: Invited Papers, Risk Management, Vulnerability Assessment, Resilience and Mitigation Short Papers, and Industry and Practical Experience Reports.

This book brings together internationally prominent scholars renowned for their work on post-Soviet republics, as well as outstanding emerging scholars native of Central Asia in order to discuss the state of education in the Central Asian Republics of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. Drawing on their individual contexts and research, the authors offer analyses and critiques of some of the social, political, and economic issues in education in their respective countries, and some insights about how local actions engage with the challenges and problems, as well as with the possibilities and opportunities they face. Since gaining their independence in 1991, the five republics of Central Asia have been undergoing some enormous political, social, linguistic, cultural, and economic changes, even as we write. This collection shows that researchers are increasingly interested in exploring the development of education in this part of the world. In these countries, education plays a significant role in transitioning from centrally planned to market economies and is seen as the key resource to facilitate

entry into the global competitiveness sphere. This book will be of particular interest to educators, researchers, and policy makers engaged in research or with a particular interest in curricula, and education systems and reforms, and to undergraduate and graduate students studying and researching education in Central Asia or in other post-Soviet contexts.

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