

## Mission Gamma: Lesser Evil Bk 4 (Star Trek: Deep Space Nine)

Sensors are integral to modern living and are found in a huge number of applications in science, engineering and technology thus it is critical for scientists and technologists to understand the physical principles behind sensor types as well as their characteristics, applications, and how they can be suitably employed in sensor technologies. Whilst there exists a vast literature on the physics and characteristics of traditional sensors, this book provides a broad overview of the range of sensor technologies and attendant topics needed to optimise and utilise these devices in the modern world. Not only reviewing sensors by classification, the book encompasses the physics, design characteristics, simulation and interface electronics, and it includes case studies, future challenges and several other aspects of wider sensor technology to provide an overview of modern sensors and their applications. The broad scope will appeal to industrial and academic researchers and application engineers, especially those developing and implementing real-time hardware implementations employing smart sensors for emerging applications. Key Features Features a broad review of sensor types, including MEMS, wearable and smart sensors Presents application of modern sensors and emerging research directions Incorporates case studies Reviews wider associated technologies such as simulation, materials and interface electronics Interdisciplinary appeal making the text suitable for industrial and academic researchers as well as application engineers Capacity development is one of the pillars through which the Food and Agriculture Organisation of the United Nations supports member countries. This manual serves as a resource for better understanding the ecology of bats, their natural history, their role in providing ecosystem services, techniques used for monitoring populations, and for the detection, identification and monitoring of viruses naturally circulating in bats and that can have significant implication if they are transmitted to people either through direct contact, or indirectly, through livestock. This manual will engage professionals from multiple disciplines ranging from public health and veterinary medicine to natural resource managers and biologists, but most importantly, highlights the need to understand the anthropogenic drivers resulting in disease transmission from bats to people.

*Cathedral (Cradle of Darkness Book Two)* A Vampire Dark Romance Addison Cain

This account of sources of ionizing radiation and methods of radiation protection describes units of radiation protection, measurement techniques, biological effects, environmental radiation and many applications. Each chapter contains problems with solutions.

This textbook is the new edition of Purnell's famous *Transcultural Health Care*, based on the Purnell twelve-step model and theory of cultural competence. This textbook, an extended version of the recently published *Handbook*, focuses on specific populations and provides the most recent research and evidence in the field. This new updated edition discusses individual competences and evidence-based practices as well as international standards, organizational cultural competence, and perspectives on health care in a global context. The individual chapters present selected populations, offering a balance of collectivistic and individualistic cultures. Featuring a uniquely comprehensive assessment guide, it is the only book that provides a complete profile of a population group across clinical practice settings. Further, it includes a personal understanding of the traditions and customs of society, offering all health professionals a unique perspective on the implications for patient care.

This book highlights recent research on bio-inspired computing and its various innovative applications in Information and Communication Technologies. It presents 50 high-quality papers from the 9th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2018) and 7th World Congress on Information and Communication Technologies (WICT 2018), which was held at Toc H Institute of Science and Technology (TIST) on December 17–19, 2018. IBICA-WICT 2018 was a premier conference and brought together researchers, engineers and practitioners whose work involved bio-inspired computing, computational intelligence and their applications in information security, real-world contexts etc. Including contributions by authors from 22 countries, the book offers a valuable reference guide for all researchers, students and practitioners in the fields of Computer Science and Engineering.

This engaging and clearly written textbook/reference provides a must-have introduction to the rapidly emerging interdisciplinary field of data science. It focuses on the principles fundamental to becoming a good data scientist and the key skills needed to build systems for collecting, analyzing, and interpreting data. The *Data Science Design Manual* is a source of practical insights that highlights what really matters in analyzing data, and provides an intuitive understanding of how these core concepts can be used. The book does not emphasize any particular programming language or suite of data-analysis tools, focusing instead on high-level discussion of important design principles. This easy-to-read text ideally serves the needs of undergraduate and early graduate students embarking on an "Introduction to Data Science" course. It reveals how this discipline sits at the intersection of statistics, computer science, and machine learning, with a distinct heft and character of its own. Practitioners in these and related fields will find this book perfect for self-study as well. Additional learning tools: Contains "War Stories," offering perspectives on how data science applies in the real world Includes "Homework Problems," providing a wide range of exercises and projects for self-study Provides a complete set of lecture slides and online video lectures at [www.data-manual.com](http://www.data-manual.com) Provides "Take-Home Lessons," emphasizing the big-picture concepts to learn from each chapter Recommends exciting "Kaggle Challenges" from the online platform Kaggle Highlights "False Starts," revealing the subtle reasons why certain approaches fail Offers examples taken from the data science television show "The Quant Shop" ([www.quant-shop.com](http://www.quant-shop.com))

[The Rights of War and Peace](#)

[Ketamine](#)

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[Strategies and Tactics for the New Professoriate](#)

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[The Wiley International Handbook of Mentoring](#)

[Community Forest Management as a Carbon Mitigation Option: Case Studies](#)

[ICT Systems Security and Privacy Protection](#)

[The Perfectibility of Man](#)

[The Brontosopic Calendar and Religious Practice](#)

[Cathedral \(Cradle of Darkness Book Two\)](#)

[Cultural Competence Concepts in Nursing Care](#)

[Why the Time Has Come for the World's Most Misunderstood Energy Source](#)

This book presents perspectives from world experts in the field of wisdom studies to propose how wisdom can provide the foundation upon which solutions to social and global problems can be grounded. The authors argue that where society has come to rely on leaders with skills relating to knowledge and intelligence; instead we should focus on wisdom-based acumen for our leaders in government, business, and the military. In this book the authors offer evidence-based definitions of wisdom and apply these to world problems they believe could potentially be solved using wise solutions. Among the case studies confronted are terrorism and war, poverty and economic disparity, climate change, increasing antibiotic resistance and political corruption. Focusing on the cognitive, social and emotional processes involved in everyday decision-making, this book presents a compelling argument for the application of wise problem-solving to complex world issues that will appeal in particular to those in leadership, teaching and policy roles, and open new pathways in the fields of wisdom-studies, psychology, sociology and political theory.

"Karl Jansen's book *Ketamine, Dreams, and Realities* is a goldmine of information on this fascinating substance that combines in a unique way the properties of an anesthetic and a psychedelic. It is clearly written, well researched and documented, and presents a balanced and objective view point. The author's broad perspective that covers all the aspects of Ketamine from pharmacology to its use in raves makes this book interesting for clinicians and researchers, as well as the general public."- Stan Grof, M.D., author of *Psychology of the Future: Lessons From Modern Consciousness Research; LSD Psychotherapy* "Indispensable reading for those with any interest in ketamine. Entertaining, thought-provoking, and thorough." - Rick Strassman, M.D., author of *DMT: The Spirit Molecule: A Doctor's Revolutionary Research into the Biology of Near-Death and Mystical Experiences* "It is an excellent book... a well done comprehensive review of the entire history of ketamine." - Evgeny Krupitsky, M.D., Ph.D. Pioneer researcher into the use of ketamine-assisted psychotherapy in the treatment of alcoholism and heroin addiction.

Using empirical research, *Effective College and University Teaching: Strategies and Tactics for the New Professoriate* gives faculty and graduate teaching assistants the tools for understanding why certain teaching practices work and how to adjust their teaching to changing classroom room and online environments. The majority of books on college and university teaching are "how to" books. This book takes a unique approach and provides both the rationale and a detailed guide for how to use and teach these practices to others. Written by leading scholars and expert master teachers, this book outlines, reviews, and discusses the best practices for preparing graduate students to become effective in their duties as teaching assistants and as teachers of record and for new faculty teaching earlier in their careers. The book provides full coverage of those topics central to developing efficacious training practices aimed at the professional development of teachers at the college and university level.

*Conservation Biology in Sub-Saharan Africa* comprehensively explores the challenges and potential solutions to key conservation issues in Sub-Saharan Africa. Easy to read, this lucid and accessible textbook includes fifteen chapters that cover a full range of conservation topics, including threats to biodiversity, environmental laws, and protected areas management, as well as related topics such as sustainability, poverty, and human-wildlife conflict. This rich resource also includes a background discussion of what conservation biology is, a wide range of theoretical approaches to the subject, and concrete examples of conservation practice in specific African contexts. Strategies are outlined to protect biodiversity whilst promoting economic development in the region. Boxes covering specific themes written by scientists who live and work throughout the region are included in each chapter, together with recommended readings and suggested discussion topics. Each chapter also includes an extensive bibliography. *Conservation Biology in Sub-Saharan Africa* provides the most up-to-date study in the field. It is an essential resource, available on-line without charge, for undergraduate and graduate students, as well as a handy guide for professionals working to stop the rapid loss of biodiversity in Sub-Saharan Africa and elsewhere.

A collection of articles from various disciplines on globalization

From the author of *Avatar (I & II)* and *Section 31: Cloak*, this intense story reveals the much-anticipated fate of Jake Sisko, missing since *Avatar Book Two*, as well as the long-awaited return of someone missing since the first season of *Star Trek: Deep Space Nine*... Months ago, young Jake Sisko came upon a mysterious prophecy in the ruins of B'hala, one that told of a Son destined to enter the Celestial Temple of the Prophets and return home with a lost Herald. Certain that the ancient text was intended for him, Jake entered the wormhole to bring back his father, Captain Benjamin Sisko—missing since his final, fateful confrontation with Gul Dukat in the Fire Caves of Bajor. But Jake's quest has failed. Or so he believes. Flung across the galaxy by a power beyond his understanding, Jake is rescued by a strange ship with an even stranger alien crew. Joining them on a voyage unlike any he has ever experienced, Jake learns that his search for the truth will lead him to find the last thing he ever expected, and to discoveries far beyond his wildest imaginings.

"Addison Cain's writing blows me away each time!" NYT Bestselling author Anna Zaires *My love for her is forbidden*. When the princess was placed in my care, the devil ordered that I never show his daughter

mercy, affection, or a gentle hand. To keep her safe from the denizens of our dark king's Cathedral, Jade's life as my ward has been pitiless. She despises me. Yet I am utterly, irrevocably in love. Infamous for my coldness, unquestioned in my fealty, the devil forgets that there are older, more terrible monsters in the dark—and I have sold my soul to the most ancient of evil so that Jade might one day be mine. CATHERDRAL is a standalone novel in the Cradle of Darkness series culminating in an HEA. The horror prequel, Catacombs, will enrich the experience of this book but is not necessary. Keywords: Vampire, capture fantasy, vampire romance, possessive alpha male dark romance, Dark romance, psychological romance, gothic romance, paranormal romance, dystopian, dystopian romance, complete power exchange, seductive romance, Alpha Hero, Antihero, antihero romance, antihero dark romance, Suffering Heroine, Obsessive Hero, abduction to love, Abuse of Power, beauty and the beast, blackmail, passionate lovers, tortured heroine, tragic past, unrequited love, sexually romantic books, series, romantic suspense, collections, anthologies, jealous possessive romance, forbidden romance, hunted female, angsty alpha romance, horror romance, romantic suspense, thriller, #freepearl, standalone, guaranteed HEA

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[The Data Science Design Manual](#)

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This book maps the current state of policy, service provision and funding for mental health care across Europe, taking into account the differing historical contexts that have shaped both the development and the delivery of services.

This open access book, published under a CC BY 4.0 license in the Pubmed indexed book series Handbook of Experimental Pharmacology, provides up-to-date information on best practice to improve experimental design and quality of research in non-clinical pharmacology and biomedicine.

The book entitled Medicinal Plants and Natural Product Research describes various aspects of ethnopharmacological uses of medicinal plants; extraction, isolation, and identification of bioactive compounds from medicinal plants; various aspects of biological activity such as antioxidant, antimicrobial, anticancer, immunomodulatory activity, etc., as well as characterization of plant secondary metabolites as active substances from medicinal plants.

The Etruscan Brontoscopic Calendar is a rare document of omens foretold by thunder. It long lay hidden, embedded in a Greek translation within a Byzantine treatise from the age of Justinian. The first complete English translation of the Brontoscopic Calendar, this book provides an understanding of Etruscan Iron Age society as revealed through the ancient text, especially the Etruscans' concerns regarding the environment, food, health and disease. Jean MacIntosh Turfa also analyzes the ancient Near Eastern sources of the Calendar and the subjects of its predictions, thereby creating a picture of the complexity of Etruscan society reaching back before the advent of writing and the recording of the calendar.

This book has been considered by academicians and scholars of great significance and value to literature. This forms a part of the knowledge base for future generations. We have represented this book in the same form as it was first published. Hence any marks seen are left intentionally to preserve its true nature.

A timely and thought-provoking solution to the world's energy shortfall The dramatic increases in oil and natural gas prices, the finite supply of fossil fuels, and concerns over emissions and global warming are forcing us to consider alternatives. In this measured and knowledgeable book, energy experts Alan Herbst and George Hopley argue that the time has come for the U.S. to revitalize its nuclear generation assets in order to successfully meet growing domestic electricity requirements and lessen our dependence on foreign sources of energy. Nuclear Energy Now provides an informed look at the benefits and drawbacks associated with this controversial alternative to traditional energy sources. It opens with a brief overview of commercial nuclear development in the U.S. during the past half-century and moves on to discuss what the future may hold if new initiatives—supported by the Energy Policy Act of 2005—gain traction. Along the way, readers will find informed insights into why the need for nuclear power has become so critical and how we can safely add capacity in the coming years. Exploring all of the issues related to developing America's nuclear energy capabilities safely and cost-effectively, Nuclear Energy Now is a must-read for anyone concerned about our oil dependency, the environment, and future of the nation.

[Herodotus](#)

[29th IFIP TC 11 International Conference, SEC 2014, Marrakech, Morocco, June 2-4, 2014, Proceedings](#)

[Textbook for Transcultural Health Care: A Population Approach](#)

[Histories of Computing in Eastern Europe](#)

[Good Research Practice in Non-Clinical Pharmacology and Biomedicine](#)

[Twilight](#)

[Hispania Vetus](#)

[Creating Standards](#)

[Including the Law of Nature and of Nations](#)

[Advances in Modern Sensors: Physics, Design, Simulation and Applications](#)

[Innovations in Bio-Inspired Computing and Applications](#)

[Programming for Engineering and Scientific Applications, Second Edition](#)

[Research Frontiers and Future Challenges](#)

Manuscript cultures based on Arabic script feature various tendencies in standardisation of orthography, script types and layout. Unlike previous studies, this book steps outside disciplinary and regional boundaries and provides a typological cross-cultural comparison of standardisation processes in twelve Arabic-influenced writing traditions where different cultures, languages and scripts interact. A wide range of case studies give insights into the factors behind uniformity and variation in Judeo-Arabic in Hebrew script, South Palestinian Christian Arabic, New Persian, Aljamiado of the Spanish Moriscos, Ottoman Turkish, a single multilingual Ottoman manuscript, Sino-Arabic in northwest China, Malay Jawi in the Moluccas, Kanuri and Hausa in Nigeria, Kabyle in Algeria, and Ethiopian Fidäl script as used to transliterate Arabic. One of the findings of this volume is that different domains of manuscript cultures have distinct paths of standardisation, so that orthography tends to develop its own standardisation principles irrespective of norms applied to layout and script types. This book will appeal to readers interested in manuscript studies, sociolinguistics, literacy studies, and history of writing.

THE TIME HAS COME...for a new era of exploration. With the Dominion War behind them, the crew of the U.S.S. Defiant journeys through the wormhole as Commander Elias Vaughn leads a "corps of discovery" to blaze new trails into the unexplored reaches of the Gamma Quadrant. THE TIME HAS COME ...for a civilization to reach a crossroads. As political forces throughout the Alpha Quadrant intersect at Deep Space 9™ to determine the future of Bajor, the planet's theological unity threatens to shatter. And for Colonel Kira Nerys, the path of the Prophets may become a road to ruin. THE TIME HAS COME...for a father and daughter to confront their past while a mother and son fight for the future, for lovers to be tested and for friendships to transform, and for worlds on opposite ends of the galaxy to face the dusk...or the dawn. TWILIGHT

This book constitutes the refereed proceedings of the 29th IFIP TC 11 International Information Security and Privacy Conference, SEC 2014, held in Marrakech, Morocco, in June 2014. The 27 revised full papers and 14 short papers presented were carefully reviewed and selected from 151 submissions. The papers are organized in topical sections on intrusion detection, data security, mobile security, privacy, metrics and risk assessment, information flow control, identity management, identifiability and decision making, malicious behavior and fraud and organizational security.

Classical FORTRAN: Programming for Engineering and Scientific Applications, Second Edition teaches how to write programs in the Classical dialect of FORTRAN, the original and still most widely recognized language for numerical computing. This edition retains the conversational style of the original, along with its simple, carefully chosen subset language and its focus on floating-point calculations. New to the Second Edition Additional case study on file I/O More about CPU timing on Pentium processors More about the g77 compiler and Linux With numerous updates and revisions throughout, this second edition continues to use case studies and examples to introduce the language elements and design skills needed to write graceful, correct, and efficient programs for real engineering and scientific applications. After reading this book, students will know what statements to use and where as well as why to avoid the others, helping them become expert FORTRAN programmers.

Braithwaite argues that shame can be used as a constructive way to help criminals.

Homeland security and context In the Geographical Dimensions of Terrorism (GDOT) (Cutter et al. 2003), the first book after 9/11 to address homeland security and geography, we developed several thematic research agendas and explored intersections between geographic research and the importance of context, both geographical and political, in relationship to the concepts of terrorism and security. It is good to see that a great deal of new thought and research continues to flow from that initial research agenda, as illustrated by many of the papers of this new book, entitled Geospatial Technologies and Homeland Security: Research Frontiers and Future Challenges. Context is relevant not only to understanding homeland security issues broadly, but also to the conduct of research on geospatial technologies. It is impossible to understand the implications of a homeland security strategy, let alone hope to make predictions, conduct meaningful modeling and research, or assess the value and dangers of geospatial technologies, without consideration of overarching political, social, economic, and geographic contexts within which these questions are posed.

This book constitutes the refereed post-conference proceedings of the IFIP WG 9.7 International Workshop on the History of Computing, HC 2018, Held at the 24th IFIP World Computer Congress, WCC 2018, in Poznań, Poland, in September 2018. The 16 revised full papers were carefully reviewed and selected from 20 submissions. They reflect academic approaches to history along with the expertise of museum and other public history professionals as well as the experience of computing and information science practitioners. The papers are organized in the following sections: Eastern Europe, Poland, Soviet Union, CoCom and Comecon; analog computing, and public history.

[IFIP WG 9.7 International Workshop on the History of Computing, HC 2018, Held at the 24th IFIP World Computer Congress, WCC 2018, Poznań, Poland, September 19–21, 2018, Revised Selected Papers](#)

[Proceedings of the 9th International Conference on Innovations in Bio-Inspired Computing and Applications \(IBICA 2018\) held in Kochi, India during December 17-19, 2018](#)

[Plant Abiotic Stress Tolerance](#)

[Seventh Edition](#)

[A Critical Approach](#)

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[Mental Health Policy And Practice Across Europe](#)

The first collection in the area of mentoring that applies theory to real-world practice, research, programs, and recommendations from an international perspective. In today's networked world society, mentoring is a crucial area for study that requires a deep international understanding for effective implementation. Despite the immense benefits of mentoring, current literature on this subject is surprisingly sparse. The Wiley International Handbook of Mentoring fills the need for a comprehensive volume of in-depth information on the different types of mentoring programs, effective mentoring practices, and emerging practical and applicable theories. Based on sound research methodologies, this unique text presents original essays by experts from over ten different countries, demonstrating the ways mentoring can make a difference in the workplace and in the classroom; these experts have an understanding of mentoring worldwide having worked in mentoring in over forty countries. Each of the Handbook's four sections—mentoring paradigms, practices, programs, and possibilities—include a final synthesis chapter authored by the section editors that captures the essence of the lessons learned, applies a global context, and recommends research avenues for further exploration. This innovative volume demonstrates how mentoring in any culture can help employees to complete tasks and advance in their positions, aid in socialization and assimilation in various settings, provide diverse groups access to resources and information, navigate through personalities, politics, policies, and procedures, and much more. Offers an inclusive, international perspective that supports moving mentoring into a discipline of its own and lays a theoretical foundation for further research. Shows how emerging practical theories can be implemented in actual programs and various scenarios. Examines a wide range of contemporary paradigms, practices, and programs in the field of mentoring, including a panorama of introspections on mentoring from international scholars and practitioners. Includes historical and epistemological content, background information and definitions, and overviews of fundamental aspects of mentoring. The Wiley International Handbook of Mentoring is an essential volume for a global readership, particularly teachers of mentoring courses, trainers, and researchers and practitioners in a variety of fields such as business, education, government, politics, sciences, industry, or sports.

Plants have to manage a series of environmental stresses throughout their entire lifespan. Among these, abiotic stress is the most detrimental; one that is responsible for nearly 50% of crop yield reduction and appears to be a potential threat to global food security in coming decades. Plant growth and development reduces drastically due to adverse effects of abiotic stresses. It has been estimated that crop can exhibit only 30% of their genetic potentiality under abiotic stress condition. So, this is a fundamental need to understand the stress responses to facilitate breeders to develop stress resistant and stress tolerant cultivars along with good management practices to withstand abiotic stresses. Also, a holistic approach to understanding the molecular and biochemical interactions of plants is important to implement the knowledge of resistance mechanisms under abiotic stresses. Agronomic practices like selecting cultivars that is tolerant to wide range of climatic condition, planting date, irrigation scheduling, fertilizer management could be some of the effective short-term adaptive tools to fight against abiotic stresses. In addition, "system biology" and "omics approaches" in recent studies offer a long-term opportunity at the molecular level in dealing with abiotic stresses. The genetic approach, for example, selection and identification of major conditioning genes by linkage mapping and quantitative trait loci (QTL), production of mutant genes and transgenic introduction of novel genes, has imparted some tolerant characteristics in crop varieties from their wild ancestors. Recently research has revealed the interactions between micro-RNAs (miRNAs) and plant stress responses exposed to salinity, freezing stress and dehydration. Accordingly transgenic approaches to generate stress-tolerant plant are one of the most interesting researches to date. This book presents the recent development of agronomic and molecular approaches in conferring plant abiotic stress tolerance in an organized way. The present volume will be of great interest among research students and teaching community, and can also be used as reference material by professional researchers.

Star Trek's grittiest and most challenging series may have reached its climactic conclusion on the television screen, but all-new adventures on the frontiers of Federation space continue between the covers of Pocket Books. In the aftermath of the Dominion War that brought the Star Trek universe to the brink of ruin, space station Deep Space Nine - the galaxy's nexus of military and scientific intrigue, situated as it is on the wormhole that links two quadrants - once again becomes a flashpoint of impending Armageddon when a surprise attack cripples the station, killing the First Officer and threatening the fragile peace. Colonel Kira and the surviving crew of DS9 - along with four controversial new officers - are all that stand against the outbreak of a new conflict and a doom foretold by the Prophets to coincide with the birth of Captain Benjamin Sisko's child. Meanwhile, Captain Jean-Luc Picard and the crew of the USS Enterprise make a startling discovery, one that will determine the course of an entire civilization and profoundly affect the lives of the crew of Deep Space Nine...

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