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An A-Z of English Grammar & Usage Geoffrey N. Leech 2001 In a completely thoroughly edition of 'An A-Z of English Grammar and Usage' - an established favourite among teachers - Geoffrey leech and his colleagues provide teachers and learners of English with a unique reference grammar. Accessible, easy-to-use, dictionary-like format. Comprehensive coverage of English grammar in over 600 fully cross-referenced entries. - common grammatical key words, such as 'more', 'what', 'unless' 'can'. - Main terms for talking about grammar, meaning and usage, such as 'indirect object', 'pronoun', 'tag question'. - Extra language and communicative ehelp, such as 'greetings', 'introductions', 'punctuation', 'letter writing', 'e-mails'. Simple and clear explanations, supported by real-life examples, diagrams, and entertaining new illustrations Helpful notes on style, intonation, and British and American usage.

Online Distance Education Olaf Zawacki-Richter 2014-06-01 Online Distance Education: Towards a Research Agenda offers a systematic overview of the major issues, trends, and areas of priority in online distance education research. In each chapter, an international expert or team of experts provides an overview of one timely issue in online distance education, summarizing major research on the topic, discussing theoretical insights that guide the research, posing questions and directions for future research, and discussing the implications for distance education practice as a whole. Intended as a primary reference and guide for distance educators, researchers, and policymakers, Online Distance Education addresses aspects of distance education practice that have often been marginalized, including issues of cost and economics, concerns surrounding social justice, cultural bias, the need for faculty professional development, and the management and growth of learner communities. At once soundly empirical and thoughtfully reflective, yet also forward-looking and open to new approaches to online and distance teaching, this text is a solid resource for researchers in a rapidly expanding discipline.

Cambridge English for Scientists Student's Book with Audio CDs (2) Tamzen Armer 2011-05-05 Cambridge English for Scientists is a short course (40-60 hours) for student and professional scientists.

Informatics for Health: Connected Citizen-Led Wellness and Population Health R. Randell 2017-05-30 Over recent years there has been major investment in research infrastructure to harness the potential of routinely collected health data. In 2013, The Farr Institute for Health Informatics Research was established in the UK, undertaking health informatics research to enhance patient and public health by the analysis of data from multiple sources and unleashing the value of vast sources of clinical, biological, population and environmental data for public benefit. The Medical Informatics Europe (MIE) conference is already established as a key event in the calendar of the European Federation of Medical Informatics (EFMI); The Farr Institute has been establishing a conference series. For 2017, the decision was made to

combine the power and established reputational excellence of EFMI with the emerging and innovative research of The Farr Institute community to create 'Informatics for Health 2017', a joint conference that creates a scientific forum allowing these two communities to share knowledge, insights and experience, advance cross-disciplinary thinking, and stimulate creativity. This book presents the 116 full papers presented at that conference, held in Manchester, UK in April 2017. The papers are grouped under five headings: connected and digital health; health data science; human, organisational, and social aspects; knowledge management; and quality, safety, and patient outcomes, and the book will be of interest to all those whose work involves the analysis and use of data to support more effective delivery of healthcare.

Computers Take Flight James E. Tomayko 2000

Psyop U. S. Army 2009-03 Written as a Top Secret US Army procedural manual and released under the Freedom of Information act this manual describes the step-by-step process recommended to control and contain the minds of the enemy and the general public alike. Within these 180+ pages you will read in complete detailed the Mission of PSYOP as well as PSYOP Roles, Policies and Strategies and Core Tasks. Also included are the logistics and communication procedures used to insure the "right" people get the "right" information.

Complexity Melanie Mitchell 2009-04-01 What enables individually simple insects like ants to act with such precision and purpose as a group? How do trillions of neurons produce something as extraordinarily complex as consciousness? In this remarkably clear and companionable book, leading complex systems scientist Melanie Mitchell provides an intimate tour of the sciences of complexity, a broad set of efforts that seek to explain how large-scale complex, organized, and adaptive behavior can emerge from simple interactions among myriad individuals. Based on her work at the Santa Fe Institute and drawing on its interdisciplinary strategies, Mitchell brings clarity to the workings of complexity across a broad range of biological, technological, and social phenomena, seeking out the general principles or laws that apply to all of them. Richly illustrated, *Complexity: A Guided Tour*--winner of the 2010 Phi Beta Kappa Book Award in Science--offers a wide-ranging overview of the ideas underlying complex systems science, the current research at the forefront of this field, and the prospects for its contribution to solving some of the most important scientific questions of our time.

Microalgae Biotechnology for Development of Biofuel and Wastewater Treatment Md. Asraful Alam 2019-04-30 This book addresses microalgae, which represent a very promising biomass resource for wastewater treatment and producing biofuels. Accordingly, microalgae are also an expanding sector in biofuels and wastewater treatment, as can be seen in several high-profile start-ups from around the globe, including Solix Biofuels, Craig Venter's Synthetic Genomics, PetroSun, Chevron Corporation, ENN Group etc. In addition, a number of recent studies and patent applications have confirmed the value of modern microalgae for biofuels production and wastewater treatment systems. However, substantial inconsistencies have been observed in terms of system boundaries, scope, the cultivation of microalgae and oil extraction systems, production costs and economic viability, cost-lowering components, etc. Moreover, the downstream technologies and core principles involved in liquid fuel extraction from microalgae cells are still in their early stages, and not always adequate for industrial production. Accordingly, multilateral co-operation between universities, research institutes, governments, stakeholders and researchers is called for in order to make microalgae biofuels economical. Responding to this challenge, the book begins with a general introduction to microalgae and the algae industry, and subsequently discusses all major aspects of microalgal biotechnology, from strain isolation and robust strain development, to biofuel development, refinement and wastewater treatment.

Several Short Sentences About Writing Verlyn Klinkenborg 2012-08 Counsels aspiring writers on how to move past conventional understandings about creativity, writer's block, and other literary challenges to develop a greater understanding of how thinking, noticing, and learning are integral parts of the writing process.

Woe Is I: The Grammarphobe's Guide to Better English in Plain English Patricia T. O'Conner 2004-06-01 The bestselling guide to grammar--now new and expanded--includes a whole new chapter on language in the age of email.

Advanced Strength and Conditioning Anthony Turner 2022-02-15 Becoming an effective strength and conditioning practitioner requires the development of a professional skills set and a thorough understanding of the scientific basis of best practice. Aimed at advanced students and novice-to-expert practitioners, in this book the authors explore the latest scientific evidence and apply it to exercise selection and programming choices across the full range of areas in strength and conditioning, from strength and power, speed and agility, to aerobic conditioning. Since the first edition of this text was written extensive research has expanded the supporting evidence base that provides the theoretical foundation for each chapter. In addition, some areas that were previously under-researched have now been expanded and some key concepts have been further challenged. Each chapter is written by experts with experience in a wide variety of sports, including both applied and research experience, ensuring this concise but sophisticated textbook is the perfect bridge from introductory study to effective professional practice. While advanced concepts are explored within the book, the coach must not forget that consistency in the application of the basic principles of strength and conditioning is the foundation of athletic development. *Advanced Strength and Conditioning: An Evidence-based Approach* is a valuable resource for all advanced students and practitioners of strength and conditioning and fitness training.

A Practical English Grammar Audrey Jean Thomson 1988

The Elements of Style William Strunk Jr. 2018-05-11 The Elements of Style William Strunk concentrated on specific questions of usage—and the cultivation of good writing—with the recommendation "Make every word tell"; hence the 17th principle of composition is the simple instruction: "Omit needless words." The book was also listed as one of the 100 best and most influential books written in English since 1923 by Time in its 2011 list.

Empowering 21st Century Learners Through Holistic and Enterprising Learning Geok Bee Teh 2018-12-12 This book consists of a collection of selected papers presented at the TARC International Conference 2016 held from 17 to 18 October, 2016. It offers a tool for empowering schools and teachers as a way forward for transforming education.

Eats, Shoots & Leaves Lynne Truss 2004-04-12 We all know the basics of punctuation. Or do we? A look at most neighborhood signage tells a different story. Through sloppy usage and low standards on the internet, in email, and now text messages, we have made proper punctuation an endangered species. In *Eats, Shoots & Leaves*, former editor Lynne Truss dares to say, in her delightfully urbane, witty, and very English way, that it is time to look at our commas and semicolons and see them as the wonderful and necessary things they are. This is a book for people who love punctuation and get upset when it is mishandled. From the invention of the question mark in the time of Charlemagne to George Orwell shunning the semicolon, this lively history makes a powerful case for the preservation of a system of printing conventions that is much too subtle to be mucked about with.

Convergent Cognitive Information Technologies Vladimir Sukhomlin 2020-01-31 This book constitutes the refereed proceedings of the Third International Conference on Convergent Cognitive Information Technologies, Convergent 2018, held in Moscow, Russia, in December 2018. The 26 revised full papers and 9 short papers were carefully reviewed and selected from 147 submissions. The papers of this volume are organized in topical sections on theoretical questions of computer science, computational mathematics, computer science and cognitive information technologies; cognitive information technologies in control systems; big data and applications; the Internet of Things (IoT): standards, communication and information technologies, network applications; smart cities: standards, cognitive-information technologies and their applications.- cognitive information technologies in the digital economics.- digital transformation of transport.

Second Language Pronunciation Assessment Talia Isaacs 2016-12-22 This book is open access under a CC BY licence. It spans the areas of assessment, second language acquisition (SLA) and pronunciation and examines topical issues and challenges that relate to formal and informal assessments of second language (L2) speech in classroom, research and real-world contexts. It showcases insights from assessing other skills (e.g. listening and writing) and highlights perspectives from research in speech sciences, SLA, psycholinguistics and sociolinguistics, including lingua franca communication, with concrete implications for pronunciation assessment. This collection will help to establish commonalities across research areas and facilitate greater consensus about key issues, terminology and best practice in L2 pronunciation research and assessment. Due to its interdisciplinary nature, this book will appeal to a mixed audience of researchers, graduate students, teacher-educators and exam board staff with varying levels of expertise in pronunciation and assessment and wide-ranging interests in applied linguistics.

Technology, Innovation and Creativity in Digital Society Daria Bylieva 2021-10-25 This book requires an interdisciplinary understanding of creativity, ideal for the formation of a digital public culture. Educating students, young professionals and future engineers is to develop their capacity for creativity. Can creativity be learned? With this question, the relations of technology and art appear in a new light. Especially the notion of "progress" takes on a new meaning and must be distinguished from innovation. The discussion of particular educational approaches, the exploration of digital technologies and the presentation of best practice examples conclude the book. University teachers show how the teaching of creativity reinforces the teaching of other subjects, especially foreign languages.

Democracy, Elections, and Constitutionalism in Africa Charles M. Fombad 2021-03-11 This volume examines democracy and elections in Africa, taking stock of the state of constitutional democracy on the continent after the democratic gains of the 1990s and 2000s, focusing on how competitive politics or multiparty democracy can be realized and how, through competition, such politics could lead to better policy and practice outcomes.

Philosophical Foundations of the Law of Equity Dennis Klimchuk 2020-04-02 The law of Equity, a latecomer to the field of private law theory, raises fundamental questions about the relationships between law and morality, the nature of rights, and the extent to which we are willing to compromise on the rule of law ideal to achieve social goals. In this volume, leading scholars come together to address these and other questions about underlying principles of Equity and its relationship to the common law: What relationships, if any, are there between the legal, philosophical, and moral senses of 'equity'? Does Equity form a second-order constraint on law? If so, is its operation at odds with the rule of law? Do the various theories of Equity require some kind of separation of law and equity-and, if they do, what kind of separation? The volume further sheds light on some of the most topical questions of jurisprudence that are embedded in the debate around 'fusion'. A noteworthy addition to the Philosophical Foundations

series, this volume is an important contribution to an ongoing debate, and will be of value to students and scholars across the discipline.

A Manual for Writers of Research Papers, Theses, and Dissertations, Seventh Edition Kate L. Turabian 2009-08-14 Dewey. Bellow. Strauss. Friedman. The University of Chicago has been the home of some of the most important thinkers of the modern age. But perhaps no name has been spoken with more respect than Turabian. The dissertation secretary at Chicago for decades, Kate Turabian literally wrote the book on the successful completion and submission of the student paper. Her *Manual for Writers of Research Papers, Theses, and Dissertations*, created from her years of experience with research projects across all fields, has sold more than seven million copies since it was first published in 1937. Now, with this seventh edition, Turabian's *Manual* has undergone its most extensive revision, ensuring that it will remain the most valuable handbook for writers at every level—from first-year undergraduates, to dissertation writers apprehensively submitting final manuscripts, to senior scholars who may be old hands at research and writing but less familiar with new media citation styles. Gregory G. Colomb, Joseph M. Williams, and the late Wayne C. Booth—the gifted team behind *The Craft of Research*—and the University of Chicago Press Editorial Staff combined their wide-ranging expertise to remake this classic resource. They preserve Turabian's clear and practical advice while fully embracing the new modes of research, writing, and source citation brought about by the age of the Internet. Booth, Colomb, and Williams significantly expand the scope of previous editions by creating a guide, generous in length and tone, to the art of research and writing. Growing out of the authors' best-selling *Craft of Research*, this new section provides students with an overview of every step of the research and writing process, from formulating the right questions to reading critically to building arguments and revising drafts. This leads naturally to the second part of the *Manual for Writers*, which offers an authoritative overview of citation practices in scholarly writing, as well as detailed information on the two main citation styles (“notes-bibliography” and “author-date”). This section has been fully revised to reflect the recommendations of the fifteenth edition of *The Chicago Manual of Style* and to present an expanded array of source types and updated examples, including guidance on citing electronic sources. The final section of the book treats issues of style—the details that go into making a strong paper. Here writers will find advice on a wide range of topics, including punctuation, table formatting, and use of quotations. The appendix draws together everything writers need to know about formatting research papers, theses, and dissertations and preparing them for submission. This material has been thoroughly vetted by dissertation officials at colleges and universities across the country. This seventh edition of Turabian's *Manual for Writers of Research Papers, Theses, and Dissertations* is a classic reference revised for a new age. It is tailored to a new generation of writers using tools its original author could not have imagined—while retaining the clarity and authority that generations of scholars have come to associate with the name Turabian.

Studying Engineering Raymond B. Landis 2007

Soil erosion: the greatest challenge for sustainable soil management Food and Agriculture Organization of the United Nations 2019-05-16 Despite almost a century of research and extension efforts, soil erosion by water, wind and tillage continues to be the greatest threat to soil health and soil ecosystem services in many regions of the world. Our understanding of the physical processes of erosion and the controls on those processes has been firmly established. Nevertheless, some elements remain controversial. It is often these controversial questions that hamper efforts to implement sound erosion control measures in many areas of the world. This book, released in the framework of the Global Symposium on Soil Erosion (15-17 May 2019) reviews the state-of-the-art information related to all topics related to soil erosion.

International Cyber Incidents Eneken Tikk 2010

Stopping By Woods on a Snowy Evening Robert Frost 2021-11-09 An illustrated interpretation of Robert Frost's classic poem of loss, family bonds, and promises to keep.

Hard Core Cartels OECD 2003-05-23 Anti-cartel measures seek to prevent violations of competition law such as agreements among competitors to fix prices, restrict product supply or submit collusive tenders. This report examines the harm caused by cartels and the progress made to strengthen methods of investigation and sanctions systems to tackle this problem. It also outlines and identifies the challenges that lie ahead.

Google It Newton Lee 2016-10-23 From Google search to self-driving cars to human longevity, is Alphabet creating a neoteric Garden of Eden or Bentham's Panopticon? Will King Solomon's challenge supersede the Turing test for artificial intelligence? Can transhumanism mitigate existential threats to humankind? These are some of the overarching questions in this book, which explores the impact of information awareness on humanity starting from the Book of Genesis to the Royal Library of Alexandria in the 3rd century BC to the modern day of Google Search, IBM Watson, and Wolfram|Alpha. The book also covers Search Engine Optimization, Google AdWords, Google Maps, Google Local Search, and what every business leader must know about digital transformation. "Search is curiosity, and that will never be done," said Google's first female engineer and Yahoo's sixth CEO Marissa Mayer. The truth is out there; we just need to know how to Google it!

Competence-based Vocational and Professional Education Martin Mulder 2016-09-08 This book presents a comprehensive overview of extant literature on competence-based vocational and professional education since the introduction of the competence concept in the 1950s. To structure the field, the book distinguishes between three approaches to defining competence, based on 1. functional behaviourism, 2. integrated occupationalism, and 3. situated professionalism. It also distinguishes between two ways of operationalizing competence: 1. behaviour-oriented generic, and 2. task-oriented specific competence. Lastly, it identifies three kinds of competencies, related to: 1. specific activities, 2. known jobs, and 3. the unknown future. Competence for the unknown future must receive more attention, as our world is rapidly evolving and there are many 'glocal' challenges which call for innovation and a profound transformation of policies and practices. The book presents a range of different approaches to competence-based education, and demonstrates that competence-based education is a worldwide innovation, which is institutionalized in various ways. It presents the major theories and policies, specific components of educational systems, such as recognition, accreditation, modelling and assessment, and developments in discipline-oriented and transversal competence domains. The book concludes by synthesizing the different perspectives with the intention to contribute to further improving vocational and professional education policy and practice. Joao Santos, Deputy Head of Unit C5, Vocational Training and Adult Education, Directorate General for Employment, Social Affairs and Inclusion, European Commission: "This comprehensive work on competence-based education led by Martin Mulder, provides an excellent and timely contribution to the current debate on a New Skills Agenda for Europe, and the challenge of bridging the employment and education and training worlds closer together. This book will influence our work aimed at improving the relevance of vocational education to support initial and continuing vocational education and training policy and practice aimed at strengthening the key competencies for the 21st century." Prof. Dr. Reinhold Weiss, Deputy President and Head of the Research, Federal Institute for Vocational Education and Training (BIBB), Bonn, Germany: "This book illustrates that the idea and concept of competence is not only a buzzword in educational debates but key to innovative pedagogical thinking as well as educational practice." Prof. Dr. Johanna Lasonen, College of Education, University of South Florida, Tampa, USA: "Competence-based Vocational and Professional Education is one of the most important multi-disciplinary book in education

and training. This path-breaking book offers a timely, rich and global perspective on the field. The book is a good resource for practitioners, policymakers and researchers."

Grammar Girl's Quick and Dirty Tips for Better Writing Mignon Fogarty 2008-07-08 Online sensation Grammar Girl makes grammar fun and easy in this New York Times bestseller Are you stumped by split infinitives? Terrified of using "who" when a "whom" is called for? Do you avoid the words "affect" and "effect" altogether? Grammar Girl is here to help! Mignon Fogarty, a.k.a. Grammar Girl, is determined to wipe out bad grammar—but she's also determined to make the process as painless as possible. A couple of years ago, she created a weekly podcast to tackle some of the most common mistakes people make while communicating. The podcasts have now been downloaded more than twenty million times, and Mignon has dispensed grammar tips on Oprah and appeared on the pages of The New York Times, The Wall Street Journal, and USA Today. Written with the wit, warmth, and accessibility that the podcasts are known for, Grammar Girl's Quick and Dirty Tips for Better Writing covers the grammar rules and word-choice guidelines that can confound even the best writers. From "between vs. among" and "although vs. while" to comma splices and misplaced modifiers, Mignon offers memory tricks and clear explanations that will help readers recall and apply those troublesome grammar rules. Chock-full of tips on style, business writing, and effective e-mailing, Grammar Girl's print debut deserves a spot on every communicator's desk.

Astronomy Andrew Fraknoi 2017-12-19 Astronomy is written in clear non-technical language, with the occasional touch of humor and a wide range of clarifying illustrations. It has many analogies drawn from everyday life to help non-science majors appreciate, on their own terms, what our modern exploration of the universe is revealing. The book can be used for either a one-semester or two-semester introductory course (bear in mind, you can customize your version and include only those chapters or sections you will be teaching.) It is made available free of charge in electronic form (and low cost in printed form) to students around the world. If you have ever thrown up your hands in despair over the spiraling cost of astronomy textbooks, you owe your students a good look at this one. Coverage and Scope Astronomy was written, updated, and reviewed by a broad range of astronomers and astronomy educators in a strong community effort. It is designed to meet scope and sequence requirements of introductory astronomy courses nationwide. Chapter 1: Science and the Universe: A Brief Tour Chapter 2: Observing the Sky: The Birth of Astronomy Chapter 3: Orbits and Gravity Chapter 4: Earth, Moon, and Sky Chapter 5: Radiation and Spectra Chapter 6: Astronomical Instruments Chapter 7: Other Worlds: An Introduction to the Solar System Chapter 8: Earth as a Planet Chapter 9: Cratered Worlds Chapter 10: Earthlike Planets: Venus and Mars Chapter 11: The Giant Planets Chapter 12: Rings, Moons, and Pluto Chapter 13: Comets and Asteroids: Debris of the Solar System Chapter 14: Cosmic Samples and the Origin of the Solar System Chapter 15: The Sun: A Garden-Variety Star Chapter 16: The Sun: A Nuclear Powerhouse Chapter 17: Analyzing Starlight Chapter 18: The Stars: A Celestial Census Chapter 19: Celestial Distances Chapter 20: Between the Stars: Gas and Dust in Space Chapter 21: The Birth of Stars and the Discovery of Planets outside the Solar System Chapter 22: Stars from Adolescence to Old Age Chapter 23: The Death of Stars Chapter 24: Black Holes and Curved Spacetime Chapter 25: The Milky Way Galaxy Chapter 26: Galaxies Chapter 27: Active Galaxies, Quasars, and Supermassive Black Holes Chapter 28: The Evolution and Distribution of Galaxies Chapter 29: The Big Bang Chapter 30: Life in the Universe Appendix A: How to Study for Your Introductory Astronomy Course Appendix B: Astronomy Websites, Pictures, and Apps Appendix C: Scientific Notation Appendix D: Units Used in Science Appendix E: Some Useful Constants for Astronomy Appendix F: Physical and Orbital Data for the Planets Appendix G: Selected Moons of the Planets Appendix H: Upcoming Total Eclipses Appendix I: The Nearest Stars, Brown Dwarfs, and White Dwarfs Appendix J: The Brightest Twenty Stars Appendix K: The Chemical Elements Appendix L: The Constellations Appendix M: Star Charts and Sky Event Resources

A Manual for Writers of Research Papers, Theses, and Dissertations, Eighth Edition Kate L. Turabian 2013-04-09 A little more than seventy-five years ago, Kate L. Turabian drafted a set of guidelines to help students understand how to write, cite, and formally submit research writing. Seven editions and more than nine million copies later, the name Turabian has become synonymous with best practices in research writing and style. Her Manual for Writers continues to be the gold standard for generations of college and graduate students in virtually all academic disciplines. Now in its eighth edition, *A Manual for Writers of Research Papers, Theses, and Dissertations* has been fully revised to meet the needs of today's writers and researchers. The Manual retains its familiar three-part structure, beginning with an overview of the steps in the research and writing process, including formulating questions, reading critically, building arguments, and revising drafts. Part II provides an overview of citation practices with detailed information on the two main scholarly citation styles (notes-bibliography and author-date), an array of source types with contemporary examples, and detailed guidance on citing online resources. The final section treats all matters of editorial style, with advice on punctuation, capitalization, spelling, abbreviations, table formatting, and the use of quotations. Style and citation recommendations have been revised throughout to reflect the sixteenth edition of *The Chicago Manual of Style*. With an appendix on paper format and submission that has been vetted by dissertation officials from across the country and a bibliography with the most up-to-date listing of critical resources available, *A Manual for Writers* remains the essential resource for students and their teachers.

QED at Large Talia Ringer 2019-09-03 Development of formal proofs of correctness of programs can increase actual and perceived reliability and facilitate better understanding of program specifications and their underlying assumptions. Tools supporting such development have been available for over 40 years but have only recently seen wide practical use. Projects based on construction of machine-checked formal proofs are now reaching an unprecedented scale, comparable to large software projects, which leads to new challenges in proof development and maintenance. Despite its increasing importance, the field of proof engineering is seldom considered in its own right; related theories, techniques, and tools span many fields and venues. QED at Large covers the timeline and research literature concerning proof development for program verification, including theories, languages, and tools. It emphasizes challenges and breakthroughs at each stage in history and highlights challenges that are currently present due to the increasing scale of proof developments. This monograph is intended for use by researchers and students who are new to the field. It provides the reader with an insightful overview of the work that has led to modern-day techniques for formally verifying software. In times of increasing automation, this underpins many software systems so future trends are also highlighted.

Digital Transformation of Learning Organizations Dirk Ifenthaler 2021 This open access volume provides insight into how organizations change through the adoption of digital technologies. Opportunities and challenges for individuals as well as the organization are addressed. It features four major themes: 1. Current research exploring the theoretical underpinnings of digital transformation of organizations. 2. Insights into available digital technologies as well as organizational requirements for technology adoption. 3. Issues and challenges for designing and implementing digital transformation in learning organizations. 4. Case studies, empirical research findings, and examples from organizations which successfully adopted digital workplace learning.

The language dimension in all subjects Jean-Claude Beacco 2016-10-24 Mastering the language of schooling is essential for learners to develop the skills necessary for school success and for critical thinking. It is fundamental for participation in democratic societies, and for social inclusion and cohesion. This handbook is a policy and working document which promotes convergence and coherence between the linguistic dimensions of various school subjects. It proposes measures to make explicit – in curricula,

pedagogic material and teacher training – the specific linguistic norms and competences which learners must master in each school subject. It also presents the learning modalities that should allow all learners, and in particular the most vulnerable among them, to benefit from diversified language-learning situations in order to develop their cognitive and linguistic capacities.

Advances in Neural Computation, Machine Learning, and Cognitive Research III Boris

Kryzhanovsky 2019-09-03 This book describes new theories and applications of artificial neural networks, with a special focus on answering questions in neuroscience, biology and biophysics and cognitive research. It covers a wide range of methods and technologies, including deep neural networks, large scale neural models, brain computer interface, signal processing methods, as well as models of perception, studies on emotion recognition, self-organization and many more. The book includes both selected and invited papers presented at the XXI International Conference on Neuroinformatics, held on October 7-11, 2019, in Dolgoprudny, a town in Moscow region, Russia.

War and Peace in Outer Space Cassandra Steer 2021-01-11 "Historically, strategic restraint was the dominant approach among nations active in outer space, all of whom understood that continued access to and use of space required holding back on threats or activities which might jeopardize the status quo of peace in space. However, recently there has been a discernible shift in international rhetoric towards a more offensive approach to defense in space. The U.S. move towards establishing a "Space Force" has been echoed by similar announcements in France and Japan. India launched an anti-satellite weapon test and announced proudly that it thereby joined the elite group of China, Russia and the U.S., who have all demonstrated this capability in the past. And as technologies in space advance, along with our terrestrial dependence on space-based systems for our peaceful civilian lives and for support of terrestrial warfare, the political stability of this vulnerable environment comes under threat. These factors, combined with a lack of transparency about actual capabilities and intentions on the part of all major players in space, creates a cyclical escalation which has led some commentators to describe this as a return to a Cold War-type arms race, and to the foreseeability of a space-based conflict. Due to many unique characteristics of the space domain, an armed conflict in space would be catastrophic for all players, including neutral States, commercial actors, and international civil society. Due to the specificity of the space domain, specialized expertise must be provided to decision-makers, and interdisciplinary opinions must be sought from a multitude of stakeholders. To that end, this volume provides a wide spectrum of perspectives from experts who have engaged together at a conference hosted by the Center for Ethics in the Rule of Law to discuss these issues. Ethical, legal and policy solutions are offered here by those with experience in the space sector, including academia, legal practitioners, military lawyers and operators, diplomats and policy advisors"--

Digital Science Tatiana Antipova 2022-01-17 This book gathers selected papers that were submitted to the 2021 International Conference on Digital Science (DSIC 2021) that aims to make available the discussion and the publication of papers on all aspects of single and multidisciplinary research on conference topics. DSIC 2021 was held on October 15–17, 2021. An important characteristic feature of conference is the short publication time and worldwide distribution. Written by respected researchers, the book covers a range of innovative topics related to: digital economics; digital education; digital engineering; digital environmental sciences; digital finance, business and banking; digital health care, hospitals and rehabilitation; digital media; digital medicine, pharma and public health; digital public administration; digital technology and applied sciences. This book may be used for private and professional non-commercial research and classroom use (e.g., sharing the contribution by mail or in hard copy form with research colleagues for their professional non-commercial research and classroom use); for use in presentations or handouts for any level students, researchers, etc.; for the further

development of authors' scientific career (e.g., by citing, and attaching contributions to job or grant application).

Gitanjali Rabindranath Tagore 2017-06-25T16:22:32Z Widely regarded as one of the most important figures in Indian (and more specifically Bengali) literary history, Rabindranath Tagore was the first Indian—indeed, the first person outside Europe—to win the Nobel Prize in Literature, largely in recognition of his “spiritual offering of songs,” *Gitanjali*. Tagore himself translated the poems from the original Bengali, taking many liberties in the process. His English translation is rightly recognized as a work distinct from the Bengali original, consisting of major revisions, many elisions, and many poems originally published in other collections. Tagore’s lyrical simplicity, vivid imagery, and themes of nature, spirituality, death, and transcendence combine to produce a truly unique, powerfully moving work of thoughtful beauty. For many who read it, Tagore’s words in Song XCVI ring true: “What I have seen is unsurpassable. I have tasted of the hidden honey of this lotus that expands on the ocean of light, and thus I am blessed.” This book is part of the Standard Ebooks project, which produces free public domain ebooks.

Advanced Grammar in Use Martin Hewings 2009

Advances in Computing and Information Technology Natarajan Meghanathan 2012-08-13 The international conference on Advances in Computing and Information technology (ACITY 2012) provides an excellent international forum for both academics and professionals for sharing knowledge and results in theory, methodology and applications of Computer Science and Information Technology. The Second International Conference on Advances in Computing and Information technology (ACITY 2012), held in Chennai, India, during July 13-15, 2012, covered a number of topics in all major fields of Computer Science and Information Technology including: networking and communications, network security and applications, web and internet computing, ubiquitous computing, algorithms, bioinformatics, digital image processing and pattern recognition, artificial intelligence, soft computing and applications. Upon a strength review process, a number of high-quality, presenting not only innovative ideas but also a founded evaluation and a strong argumentation of the same, were selected and collected in the present proceedings, that is composed of three different volumes.