

M13 Tactical T R Imports Inc

This book collects the papers in the special issue "Airborne Laser Scanning" in Remote Sensing (Nov. 2016) and several other selected papers published in the same journal in the past few years. Our intention is to reflect recent technological developments and innovative techniques in this field. The book consists of 23 papers in six subject areas: 1) Single photon and Geiger-mode Lidar, 2) Multispectral lidar, 3) Waveform lidar, 4) Registration of point clouds, 5) Trees and terrain, and 6) Building extraction. The book is a valuable resource for scientists, engineers, developers, instructors, and graduate students interested in lidar systems and data processing.

Developed and expanded from the work presented at the New Energetic Materials and Propulsion Techniques for Space Exploration workshop in June 2014, this book contains new scientific results, up-to-date reviews, and inspiring perspectives in a number of areas related to the energetic aspects of chemical rocket propulsion. This collection covers the entire life of energetic materials from their conceptual formulation to practical manufacturing; it includes coverage of theoretical and experimental ballistics, performance properties, as well as laboratory-scale and full system-scale, handling, hazards, environment, ageing, and disposal. Chemical Rocket Propulsion is a unique work, where a selection of accomplished experts from the pioneering era of space propulsion and current technologists from the most advanced international laboratories discuss the future of chemical rocket propulsion for access to, and exploration of, space. It will be of interest to both postgraduate and final-year undergraduate students in aerospace engineering, and practicing aeronautical engineers and designers, especially those with an interest in propulsion, as well as researchers in energetic materials.

This collection of expert articles explores the development drivers of new technology-based firms and projects. It provides perspectives for an in-depth understanding of how technological inventions lead to the creation of new and sustainable companies or business units. The authors address methods and concepts that help technology-based start-ups and entrepreneurial projects successfully develop innovative products and services.

This book can save your life! The best defense for any scenario is to be prepared. The Gun Digest Book of Combat Handgunnery prepares you for potential life-threatening situations with practical instruction and expert guidance. Author Massad Ayoob teaches you the skills to keep you and your family safe in any violent encounter, including: Selecting the right pistol, ammunition and holster How to use and accessorize your handgun Close-quarter battle techniques used by law enforcement and the U.S. military In addition to the tactical aspects of self-defense, Ayoob also covers practical information about selecting a used handgun and the legal aspects of self-defense with a firearm. Firearms technology and tactics change throughout the years, which is why the updated 6th edition of The Gun Digest Book of Combat Handgunnery is essential to the well-being of you and your family. Remember, your best defense is to be prepared.

Communications Infrastructure, Systems and Applications

Urban Living Labs

Turing's Imitation Game

Theory and Applications

Theory and Practice

First International ICST Conference, EuropeComm 2009, London, UK, August 11-13, 2009, Revised Selected Papers

From Midshipman to Field Marshal

No British social movement captured contemporary imaginations as Chartism did. This unique book is the only history to offer complete, in-depth coverage of the full chronological spread of its activities (1838-58), based throughout on detailed research.

Achieving operational excellence is a challenge for the pharmaceutical industry, with many companies setting successful examples time and again. This book presents such leading practices for managing operational excellence throughout the pharmaceutical industry. Based on the St.Gallen OPEX Model the authors describe the current status of OPEX and the future challenges that have to be dealt with. The ample theoretical background is complemented hand-in-hand by case studies contributed by authors from leading pharmaceutical companies.?

Assesses options for managing the Army's arsenals and ammunition plants.

This volume contains the papers presented at the third biennial Information Systems Foundations ('Theory, Representation and Reality₂') Workshop, held at The Australian National University in Canberra from 27-28 September 2006. The focus of the workshop was, as for the others in the series, the foundations of Information Systems as an academic discipline. The particular emphasis was, as in past workshops, the adequacy and completeness of theoretical underpinnings and the research methods employed. At the same time the practical nature of the applications and phenomena with which the discipline deals were kept firmly in view. Accordingly, the papers in this volume range from the unashamedly theoretical in their focus (Designing for Mutability in Information Systems Artifacts; Towards a Unified Theory of Fit: Task, Technology and Individual) to the much more practically oriented (An Action-Centred Approach to Conceptualising Information Support for Routine Work).

The National Radio Astronomy Observatory and Its Impact on US Radio Astronomy

Infinity and Truth

Historical Record of the First Or the Royal Regiment of Dragoons

Organizational Routines

Medical Consequences of Nuclear Warfare

The Gun Digest Book of Combat Handgunnery

Chartism

This electronic version has been made available under a Creative Commons (BY-NC-ND) open access license. Eurasian security governance has received increasing attention since 1989. The North Atlantic Treaty Organisation, the institution that best served the security interests of the West in its competition with the Soviet Union, is now relatively ill-equipped resolve the threats emanating from Eurasia to the Atlantic system of security governance. This book

investigates the important role played by identity politics in the shaping of the Eurasian security environment. It investigates both the state in post-Soviet Eurasia as the primary site of institutionalisation and the state's concerted international action in the sphere of security. This investigation requires a major caveat: state-centric approaches to security impose analytical costs by obscuring substate and transnational actors and processes. The terrorist attacks on the World Trade Center and the Pentagon marked the maturation of what had been described as the 'new terrorism'. Jervis has argued that the western system of security governance produced a security community that was contingent upon five necessary and sufficient conditions. The United States has made an effort to integrate China, Russia into the Atlantic security system via the Partnership for Peace (PfP) programme and the Euro-Atlantic Partnership Council. The Black Sea Economic Cooperation has become engaged in disseminating security concerns in fields such as environment, energy and economy. If the end of the Cold War left America triumphant, Russia's new geopolitical hand seemed a terrible demotion. Successfully rebalancing the West and building a collaborative system with Russia, China, Europe and America probably requires more wisdom and skill from the world's leaders.

One of the major challenges facing organization studies has been for a long time to develop an operational content to the notion of routines . This book offers important advances in this direction, both conceptually and through illuminating case studies. Giovanni Dosi, Sant Anna School of Advanced Studies, Pisa, Italy This book showcases advanced empirical research that applies the concept of organizational routines to understanding organizations and how they change and evolve. The contributions gathered in the book cover qualitative, quantitative, and archival methods for empirical research applying the concept of organizational routines. Specific issues highlighted include the use of event-sequence methods in the analysis of organizational routines, the impact of standard operating procedures on recurrent behaviour patterns, and the stability, resilience, and change of organizational routines. The book thus provides an overview of different empirical methods applied to study organizational routines, and of their prerequisites, analytical power, and contribution. This comprehensive book will be of great interest to scholars and postgraduate students in the fields of organization theory, strategy, and organization behaviour. Researchers in organization, management and economic science, organizational change and evolutionary theories will also find this book invaluable.

The new 33rd Edition of the Blue Book of Gun Values by S.P. Fjestad has been expanded to 2,432 pages, easily making it the highest page count of any firearms book currently in print. New 2012 makes and models have been included, along with updated values on discontinued firearms and antiques. Once again, the 80-page Photo Percentage Grading System provides high resolution color images that are the last word to help ascertain any firearm's correct condition factor based on the percentage of original condition. Revolvers, pistols, rifles, and shotguns are also shown separately, in addition to NRA Antique Condition Factors.

This electronic version has been made available under a Creative Commons (BY-NC-ND) open access license. The Conservative Party's survival as a significant political force was now open to serious question for the first time since the crisis over the Corn Laws. The Labour Party has commanded a fairly consistent level of attention, whether in office or in opposition. But it seems that the Conservatives are fated to be regarded either as unavoidable or irrelevant. This book presents an analysis that suggests that the party leader plays a less important role in Conservative recoveries than a distinctive policy programme and an effective party organization. It examines the Conservative position on a series of key issues, highlighting the difficult dilemmas which confronted the party after 1997, notably on economic policy. New Labour's acceptance of much of the main thrust of Thatcherite economic policy threw the Conservatives off balance. The pragmatism of this new position and the 'In Europe, not run by Europe' platform masked a significant move towards Euro-skepticism. The book also traces how the Scottish Conservative and Unionist Parties adapted to the creation of the Scottish Parliament, exploring the re-organisation of the Scottish party, its electoral fortunes and political prospects in the new Scottish politics. It examines issues of identity and nationhood in Conservative politics in the 1997-2001 period, focusing on the 'English Question' and the politics of 'race'. The predictable results of the Conservatives' failure to develop an attractive, consistent narrative are then analysed. Right-wing populist parties with charismatic leaders enjoyed some electoral success under the proportional representation systems in 2002.

Theory, Representation and Reality

Human Benefit through the Diffusion of Information Systems Design Science Research

Leading Pharmaceutical Operational Excellence

Insights in New Technology-Based Firms, Research Spin-Offs and Corporate Environments

A New History

Time-Sensitive Remote Sensing

Heaven Is a World of Love

Since the mid-1980s, the psychology of liberation movement has been a catalyst for collective and individual change in communities throughout Latin America, and beyond; and recent political developments are making its powerful, transformative ideas more relevant than ever before. **Psychology of Liberation: Theory and Applications** updates the activist frameworks developed by Ignacio Martin-Baro and Paulo Freire with compelling stories from the frontlines of conflict in the developing and developed worlds, as social science and psychological practice are allied with struggles for peace, justice, and equality. In these chapters, liberation is presented as both an ongoing process and a core dimension of wellbeing, entailing the reconstruction of social identity and the transformation of all parties involved, both oppressed and oppressors. It also expands the social consciousness of professionals, bringing more profound meaning to practice and enhancing related areas such as peace psychology, as shown in articles such as these: **Philippines: the role of liberation movements in the transition to democracy. Venezuela: liberation psychology as a therapeutic intervention with street youth. South Africa: the movement for representational knowledge. Muslim world: religion, the state, and the gendering of human rights. Ireland: linking personal and political development. Australia: addressing issues of racism, identity, and immigration. Colombia: building cultures of peace from the devastation of war.** **Psychology of Liberation** demonstrates the commitment to overcome social injustices and oppression. The book is a critical resource for social and community psychologists as well as policy analysts. It can also be used as a text for graduate courses in psychology, sociology, social work and community studies.

Be careful of what you wish for...you just might get it...then what? Also a place called Villefranche is mentioned in one of my stories. The port of Ville was home port to the US naval ship I lived on for 2 years. It, the port is located in the South of France. I loved every min on board and all of my time in the Mediterranean area. Someday I will return. The picture on back cover is that of The Port of Villefranche...

Volcanoes release plumes of gas and ash to the atmosphere during episodes of passive and explosive behavior. These ejecta have important implications for the chemistry and composition of the troposphere and stratosphere, with the capacity to alter Earth's radiation budget and climate system over a range of temporal and spatial scales. Volcanogenic sulphur dioxide reacts to form sulphate aerosols, which increase global albedo, e.g., by reducing surface temperatures, in addition to perturbing the formation processes and optical properties of clouds. Released halogen species can also deplete stratospheric and tropospheric ozone. Volcanic degassing, furthermore, played a key role in the formation of Earth's atmosphere, and volcanic plumes can affect air quality, pose hazards to aviation and human health, as well as damage ecosystems. The chemical compositions and emission rates of volcanic plumes are also monitored via a range of direct-sampling and remote-sensing instrumentation, in order to gain insights into subterranean processes, in the respect of the magmatic bodies these volatiles exsolve from. Given the significant role these gases play in driving volcanic activity, e.g., via pressurisation, the study of volcanic plumes is proving to be an increasingly fruitful means of improving our understanding of volcanic systems, potentially in concert with observations from geophysics and contributions from fluid dynamical modelling of conduit dynamics. This Special Issue is aimed at presenting the state of the art of the multidisciplinary science concerning all aspects of volcanic plumes, of relevance to the volcanology, climatology, atmospheric science, and remote sensing communities.

As the crew of the starship *Mother Night* embarks on a colonizing mission to relieve Earth of the ever-growing population, a terrorist plague is unleashed on the ship, and as their journey ends, an ancient relic awaits them--one that can provide hope and redemption or cause the destruction of humankind. Reprint.

A Comprehensive Survey of Energetic Materials

IFIP WG 8.2/8.6 International Working Conference, Perth, Australia, March 30 - April 1, 2010, Proceedings

Rethinking Governance of the Army's Arsenal and Ammunition Plants

Proceedings of IT4Fashion 2016

Advances in Airborne Lidar Systems and Data Processing

Open Skies

The Sword in Early Medieval Northern Europe

This book constitutes the proceedings of the 2010 Joint International Working Conference of the International Federation for Information Processing Working Groups 8.2 and 8.6. Both working groups are part of IFIP Technical Committee 8, the technical committee addressing the field of Information Systems. IFIP WG 8.2, the International of Information Systems and Organizations, was established in 1977. IFIP WG 8.6, Diffusion, Transfer and Implementation of Information Technology, was established in 1994. In accordance with their respective themes, both IFIP WG 8.2 and IFIP WG 8.6 have long had an interest in the human impact of information systems. In December 1998, they held a joint working conference in Helsinki, Finland, on the theme "Information Systems: Current Issues and Future Challenges." The two working groups' joint interest in and collaboration on research concerning the human side of IS is continued and extended through this joint working conference, held on the campus of Curtin University of Technology, from March 30 to April 1, 2010, in Perth, Western Australia. This conference, "Human Benefit Through the Diffusion of Information Systems Design Science Research," combines the traditional themes of the two working groups with the growing interest within the IS research field in the area of design science research.

This open access book on the history of the National Radio Astronomy Observatory covers the scientific discoveries and technical innovations of late 20th century

radio astronomy with particular attention to the people and institutions involved. The authors have made extensive use of the NRAO Archives, which contain an unparalleled collection of documents pertaining to the history of radio astronomy, including the institutional records of NRAO as well as the personal papers of many of the pioneers of U.S. radio astronomy. Technical details and extensive citations to original sources are given in notes for the more technical readers, but are not required for an understanding of the body of the book. This book is intended for an audience ranging from interested lay readers to professional researchers studying the scientific, technical, political, and cultural development of a new science, and how it changed the course of 20th century astronomy.

Collaborative Networks is a fast developing area, as shown by the already large number of diverse real-world implemented cases and the dynamism of its related involved research community. Being recognized as the most focused scientific and technical conference on Collaborative Networks, PRO-VE continues to offer the opportunity for presentation and discussion of both the latest research developments as well as the practical application case studies.

Of the many good gifts the Lord has given his church on earth, none exceeds that of his love. The things of this earth are temporary, but “love never ends” (1 Cor. 13:8)—it is a present taste of future glory, made available through communion with the Holy Spirit. In this classic work, Heaven Is a World of Love, New England pastor Jonathan Edwards encourages Christians struggling through the imperfect life here on earth to experience the perfect love of God through an exposition of the biblical foundations for the cause of God’s love, the objects of God’s love, the enjoyment of God’s love, and the fruits of God’s love. Each page of pastoral insight will leave readers hungry to experience more of God.

Limiting institutions?

Understanding and Using the Controller Area Network Communication Protocol

Aircraft Yearbook

Experience, Identity, Representation

Aircraft Year Book

Biotechnology for Beginners

Recirculating Songs

All cities face a pressing challenge – how can they provide economic prosperity and social cohesion while achieving environmental sustainability? In response, new collaborations are emerging in the form of urban living labs – sites devised to design, test and learn from social and technical innovation in real time. The aim of this volume is to examine, inform and advance the governance of sustainability transitions through urban living labs. Notably, urban living labs are proliferating rapidly across the globe as a means through which public and private actors are testing innovations in buildings, transport and energy systems. Yet despite the experimentation taking place on the ground, we lack systematic learning and international comparison across urban and national contexts about their impacts and effectiveness. We have limited knowledge on how good practice can be scaled up to achieve the transformative change required. This book brings together leading international researchers within a systematic comparative framework for evaluating the design, practices and processes of urban living labs to enable the comparative analysis of their potential and limits. It provides new insights into the governance of urban sustainability and how to improve the design and implementation of urban living labs in order to realise their potential.

This book documents the state of the art in the use of remote sensing to address time-sensitive information requirements. Specifically, it brings together a group of authors who are both researchers and practitioners, who work toward or are currently using remote sensing to address time-sensitive information requirements with the goal of advancing the effective use of remote sensing to supply time-sensitive information. The book addresses the theoretical implications of time-sensitivity on the remote sensing process, assessments or descriptions of methods for expediting the delivery and improving the quality of information derived from remote sensing, and describes and analyzes time-sensitive remote sensing applications, with an emphasis on lessons learned. This book is intended for remote sensing scientists, practitioners (e.g., emergency responders or administrators of emergency response agencies), and students, but will also be of use to those seeking to understand the potential of remote sensing to address a range of pressing issues, particularly natural and anthropogenic hazard response.

Can you tell the difference between talking to a human and talking to a machine? Or, is it possible to create a machine which is able to converse like a human? In fact, what is it that even makes us human? Turing's Imitation Game, commonly known as the Turing Test, is fundamental to the science of artificial intelligence. Involving an interrogator conversing with hidden identities, both human and machine, the test strikes at the heart of any questions about the capacity of machines to behave as humans. While this subject area has shifted dramatically in the last few years, this book offers an up-to-date assessment of Turing's Imitation Game, its history, context and implications, all illustrated with practical Turing tests. The contemporary relevance of this topic and the strong emphasis on example transcripts makes this book an ideal companion for undergraduate courses in artificial intelligence, engineering or computer science.

This book contains all refereed papers that were accepted to the third edition of the « Complex Systems Design & Management » (CSD&M 2012) international conference that took place in Paris (France) from December 12-14, 2012. (Website: <http://www.csdm2012.csdm.fr>) These proceedings cover the most recent trends in the emerging field of complex systems sciences & practices from an industrial and academic perspective, including the main industrial domains (transport, defense & security, electronics, energy & environment, e-services), scientific & technical topics (systems fundamentals, systems architecture & engineering, systems metrics & quality, systemic tools) and system types (transportation systems, embedded systems, software & information systems, systems of systems, artificial ecosystems). The CSD&M 2012 conference is organized under the guidance of the CESAMES non-profit organization (<http://www.cesames.net>).

Proceedings of the Third International Conference on Complex Systems Design & Management CSD&M 2012

Experimenting with City Futures

The Conservatives in crisis

Network-Centric Collaboration and Supporting Frameworks

Chemical Rocket Propulsion

Impacts on the Atmosphere and Insights into Volcanic Processes

Proceedings of the INFUS 2021 Conference, held August 24-26, 2021. Volume 1

This book offers a hands-on guide to designing, analyzing and debugging a communication infrastructure based on the Controller Area Network (CAN) bus. Although the CAN bus standard is well established and currently used in most automotive systems, as well as avionics, medical systems and other devices, its features are not fully understood by most developers, who tend to misuse the network. This results in lost opportunities for better efficiency and performance. These authors offer a comprehensive range of architectural solutions and domains of analysis. It also provides formal models and analytical results, with thorough discussion of their applicability, so that it serves as an invaluable reference for researchers and students, as well as practicing engineers.

A wide-ranging study of the significance of swords throughout the whole Anglo-Saxon period, offering valuable insights into the meaning of and attitude towards swords.

With the MG 34, the German Wehrmacht introduced an entirely new concept in automatic firepower - the general-purpose machine gun (GPMG). In itself the MG 34 was an excellent weapon: an air-cooled, recoil-operated machine gun that could deliver killing firepower at ranges of more than 1,000m. Yet simply by changing its mount and feed mechanism, the operator could radically transform its function. On its standard bipod it was a light machine gun, ideal for infantry assaults; on a tripod it could serve as a sustained-fire medium machine gun. During World War II, the MG 34 was superseded by a new GPMG - the MG 42. More efficient to manufacture and more robust, it had a blistering 1,200rpm rate of fire. Nicknamed 'Hitler's buzzsaw' by Allied troops, it was arguably the finest all-round GPMG ever produced, and alongside the MG 34 it inflicted heavy casualties. Featuring specially commissioned full-colour artwork and drawing upon numerous technical manuals and first-hand accounts, this study explores the technological development, varied roles and lasting influence of the revolutionary MG 34 and MG 42 machine guns and their postwar successors.

The First International ICST Conference on Communications Infrastructure, Systems and Applications in Europe (EuropeComm 2009) was held August 11-13, 2009, in London. EuropeComm 2009 brought together decision makers from the EU commission, top researchers and industry executives to discuss the directions of communications research and development in Europe. The event also attracted academia and industry representatives, as well as government officials to discuss the current developments and future trends in technology, applications and services in the communications field. Organizing this conference was motivated by the fact that the development and deployment of future services will require a common global-scale infrastructure, and therefore it is important that designers and stakeholders from all the systems stacks come together to discuss these developments. Rapidly decreasing costs of computational power, storage capacity, and communication bandwidth have led to the development of a multitude of applications carrying an increasingly huge amount of traffic on the global networking infrastructure. What we have seen is an evolution: an infrastructure looking for networked applications has evolved into an infrastructure striving to meet the social, technological and business challenges posed by the plethora of bandwidth-hungry emerging applications.

The Field Artillery Journal

Revitalising the Singing Practices of Indigenous Australia

Blue Book of Gun Values

Business Models and ICT Technologies for the Fashion Supply Chain

Advancing Empirical Research

The Challenge of Eurasian Security Governance

Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation

Biotechnology for Beginners, Second Edition, presents the latest information and developments from the field of biotechnology—the applied science of using living organisms and their by-products for commercial development—which has grown and evolved to such an extent over the past few years that increasing numbers of professionals work in areas that are directly impacted by the science.

For the first time, this book offers an exciting and colorful overview of biotechnology for professionals and students in a wide array of the life sciences, including genetics, immunology, biochemistry, agronomy, and animal science. This book also appeals to

the lay reader without a scientific background who is interested in an entertaining and informative introduction to the key aspects of biotechnology. Authors Renneberg and Demain discuss the opportunities and risks of individual technologies and provide historical data in easy-to-reference boxes, highlighting key topics. The book covers all major aspects of the field, from food biotechnology to enzymes, genetic engineering, viruses, antibodies, and vaccines, to environmental biotechnology, transgenic animals, analytical biotechnology, and the human genome. This stimulating book is the most user-friendly source for a comprehensive overview of this complex field. Provides accessible content to the lay reader who does not have an extensive scientific background Includes all facets of biotechnology applications Covers articles from the most respected scientists, including Alan Guttmacher, Carl Djerassi, Frances S. Ligler, Jared Diamond, Susan Greenfield, and more Contains a summary, annotated references, links to useful web sites, and appealing review questions at the end of each chapter Presents more than 600 color figures and over 100 illustrations Written in an enthusiastic and engaging style unlike other existing theoretical and dry-style biotechnology books

This book presents recent research in intelligent and fuzzy techniques. Emerging conditions such as pandemic, wars, natural disasters and various high technologies force people for significant changes in business and social life. The adoption of digital technologies to transform services or businesses, through replacing non-digital or manual processes with digital processes or replacing older digital technology with newer digital technologies through intelligent systems is the main scope of this book. It focuses on revealing the reflection of digital transformation in our business and social life under emerging conditions through intelligent and fuzzy systems. The latest intelligent and fuzzy methods and techniques on digital transformation are introduced by theory and applications. The intended readers are intelligent and fuzzy systems researchers, lecturers, M.Sc. and Ph.D. students studying digital transformation. Usage of ordinary fuzzy sets and their extensions, heuristics and metaheuristics from optimization to machine learning, from quality management to risk management makes the book an excellent source for researchers. This book presents high-quality original contributions on the fashion supply chain. A wide spectrum of application domains are covered, processing of big data coming from digital and social media channels, fashion new product development, fashion design, fashion marketing and communication strategy, business models and entrepreneurship, e-commerce and omni-channel management, corporate social responsibility, new materials for fashion product, wearable technologies. The contents are based on presentations delivered at IT4Fashion 2016, the 6th International Conference in Business Models and ICT Technologies for the Fashion Supply Chain, which was held in Florence, Italy, in April 2016. This conference series represents a targeted response to the growing need for research that reports and debates supply chain business models and technologies applied to the fashion industry, with the aim of increasing knowledge in the area of product lifecycle management and supply chain management in that industry.

This electronic version has been made available under a Creative Commons (BY-NC-ND) open access license. Frank and entertaining account of the University of Manchester's struggle to meet the Government's demands for the rapid expansion of higher education in the 1950s and the 1960s. Looks at the University's ambitious building program: the controversial attempts to reform its constitution and improve its communications amid demands for greater democracy in the workplace, the struggle to retain its old pre-eminence in a competitive world where new 'green field' universities were rivalling older civic institutions. Tells the story, not just from the point of view of administrators and academics, but also from those of students and support staff (such as secretaries, technicians and engineers). Uses, not only official records, but also student newspapers, political pamphlets, and reminiscences collected through interviews conducted by an experienced oral historian. The only book on the University of Manchester as a whole.

Volcanic Plumes

Outstanding Practices and Cases

Alpha Centauri

Information Systems Foundations

MG 34 and MG 42 Machine Guns

Technology Entrepreneurship

Containing an Account of Its Formation in the Reign of King Charles the Second, and of Its Subsequent Services to the Present Time

This volume is based on the talks given at the Workshop on Infinity and Truth held at the Institute for Mathematical Sciences, National University of Singapore, from 25 to 29 July 2011. The chapters cover topics in mathematical and philosophical logic that examine various aspects of the foundations of mathematics. The theme of the volume focuses on two basic foundational questions: (i) What is the nature of mathematical truth and how does one resolve questions that are formally unsolvable within the Zermelo–Fraenkel Set Theory with the Axiom of Choice, and (ii) Do the discoveries in mathematics provide evidence favoring one philosophical view over others? These issues are discussed from the vantage point of recent progress in foundational studies. The final chapter features questions proposed by the participants of the Workshop that will drive foundational research. The wide range of topics covered here will be of interest to students, researchers and mathematicians concerned with issues in the foundations of mathematics. Contents:Invited Lectures:Absoluteness, Truth, and Quotients (Ilijas Farah)A Multiverse Perspective on the Axiom of Constructibility (Joel David Hamkins)Hilbert, Bourbaki and the Scorning of Logic (A R D Mathias)Toward Objectivity in Mathematics (Stephen G Simpson)Sort Logic and Foundations of Mathematics (Jouko Väänänen)Reasoning about Constructive Concepts (Nik Weaver)Perfect Infinites and Finite Approximation (Boris Zilber)Special Session:An Objective Justification for Actual Infinity? (Stephen G Simpson)Oracle Questions (Theodore A Slaman and W Hugh Woodin) Readership: Mathematicians, philosophers, scientists, graduate students, academic institutions, and research organizations interested in logic and the philosophy of mathematics. Keywords:Mathematical Logic;Foundations of Mathematics;Philosophy of Mathematics;Mathematical Truth;Infinity;Set Theory;Proof Theory;MultiverseKey Features:All the contributors are world-renownedThe final chapter is written by Theodore A Slaman and W Hugh Woodin, who are two of the leading logicians in the world. They are also the volume editors

Print edition of multi-author work on Indigenous song. This is the first volume devoted specifically to the revitalisation of ancestral Indigenous singing practices in Australia. These traditions are at severe risk in many parts of the country, and this book investigates the strategies currently being implemented to reverse the damage. In some areas the ancestral musical culture is still transmitted across the generations; in others it is partially remembered, and being revitalised with the assistance of heritage recording and written documentation; but in many parts of Australia, the transmission of songs has been interrupted, and in those places revitalisation relies on research and restoration. The authors, Indigenous and non-Indigenous, consider these issues across a broad range of geographical locations, and from a number of different theoretical and methodological angles. The chapters provide helpful insights for Indigenous people and communities, researchers and educators, and anyone interested in the song traditions of Indigenous Australia.

Complex Systems Design & Management

Psychology of Liberation

A History of the University of Manchester, 1973–90

Pixie Dust

IFIP TC 5 WG 5.5, Seventh IFIP Working Conference on Virtual Enterprises, 25-27 September 2006, Helsinki, Finland