

## Twirpx Com

25 Problems for STEM Education introduces a new and emerging course for undergraduate STEM programs called Physical-Mathematical Informatics. This course corresponds with the new direction in education called STE(A)M (Science, Technology, Engineering, [Art] and Mathematics). The book focuses on undergraduate university students (and high school students), as well as the teachers of mathematics, physics, chemistry and other disciplines such as the humanities. This book is suitable for readers who have a basic understanding of mathematics and math software. Features Contains 32 interesting problems (studies) and new and unique methods of solving these physical and mathematical problems using a computer as well as new methods of teaching mathematics and physics Suitable for students in advanced high school courses and undergraduates, as well as for students studying Mathematical Education at the Master's or PhD level One of the only books that attempts to bring together ST(E)AM techniques, computational mathematics and informatics in a single, unified format

Russian public diplomacy attracts growing attention in the current global climate of tension and competition. However, it is often not understood or is misunderstood. Although some articles and book chapters exist, there are almost no books on Russian public diplomacy neither in Russian, nor in English. This edited collection is an in-depth and broad analysis of Russian public diplomacy in its conceptual understanding and its pragmatic aims and practice. Various aspects of Russian public diplomacy – from cultural to business practices – will interest professors, students and practitioners from various countries. Written by a diverse collection of the most prominent and capable scholars, from academia to international organizations, with a wealth of knowledge and objective experience, this book covers the vital topics and thoroughly analyzes the best practices and mistakes within the broad understanding of public diplomacy conducted by the Russian Federation.

Comprehensive Energy Systems provides a unified source of information covering the entire spectrum of energy, one of the most significant issues humanity has to face. This comprehensive book describes traditional and novel energy systems, from single generation to multi-generation, also covering theory and applications. In addition, it also presents high-level coverage on energy policies, strategies, environmental impacts and sustainable development. No other published work covers such breadth of topics in similar depth. High-level sections include Energy Fundamentals, Energy Materials, Energy Production, Energy Conversion, and Energy Management. Offers the most comprehensive resource available on the topic of energy systems Presents an authoritative resource authored and edited by leading experts in the field Consolidates information currently scattered in publications from different research fields (engineering as well as physics, chemistry, environmental sciences and economics), thus ensuring a common standard and language

Abstracts of II International Scientific and Practical Conference

This monograph explores the dire ecological, social, and economic situations facing mankind through comprehensive analyses of global ecological issues, poverty, environmental stability and regulation, and sustainable development. Drs. Victor Danilov-Danil'yan and Igor Reyf discuss the development of ecology as a science, the

increasing concern among scientists and public servants for the unsustainability of current economic and demographic trends, and the dire consequences our planet and civilization are already suffering as a result of the ongoing environmental and social crisis. They also address the philosophical implications of the crisis, and suggest possible solutions. The book conveys complex objects of study, namely the biosphere and the harmful anthropogenic processes it has been experiencing for decades, so that the work is accessible without omitting key components of the subject matter. Readers will learn about the social and economic contributors to a threatened biosphere, the mechanisms that maintain the stability of the global environment, and the scales at which sustainable development and preservation can be applied to initiate environmental regulation. Though intended to appeal to the general public and non-specialists, environmental researchers, organizations involved in sustainable development and conservation, and students engaged in ecology, environment, and sustainability studies will also find this book of interest.

This book describes for readers the entire, interconnected complex of theoretical and practical aspects of designing and organizing the production of various electronic devices, the general and main distinguishing feature of which is the high speed of processing and transmitting of digital signals. The authors discuss all the main stages of design - from the upper system level of the hierarchy (telecommunications system, 5G mobile communications) to the lower level of basic semiconductor elements, printed circuit boards. Since the developers of these devices in practice deal with distorted digital signals that are transmitted against a background of interference, the authors not only explain the physical nature of such effects, but also offer specific solutions as to how to avoid such parasitic effects, even at the design stage of high-speed devices. This volume is dedicated to Francis Bacon, to William Golding and to the tradition of writing utopias and dystopias. Although some of the articles contained herein were presented at the conference from which this book originated, there are also other contributions which join these to complete a 21st century vision on utopia, from the point of view of specialists in philology, philosophy, anthropology, etc. The novelty of such an undertaking comes from the fact that the editors enabled researchers from different fields to come together and create an interdisciplinary volume which contains very rigorous academic work alongside more relaxed essays.

This authoritative first volume provides a solid understanding of modern spacecraft classification, failure, and electrical component requirements. This book focuses on the study of modern spacecraft, including their classification, packaging and protection, design versions, launch failure and accident analysis, and the main requirements of electronic components used. Readers find comprehensive coverage of the design and development of individual components as well as systems, their packaging, and how to make them last in space. This is a useful resource for military and civil applications. Specific topics include: The manufacturing of electronics for space; The main physical mechanisms of the impact of destabilizing factors of outer space, including various kinds of radiation, high-energy galactic ions, and particles of cosmic dust; The design of advanced space-grade microelectronic products such as memory microcircuits, microprocessors, interface and logic of microcircuits and power control microcircuits; Facts and features about the "space race" that have not been available until now.

Smaller companies are abundant in the business realm and outnumber large companies by a wide margin. To maintain a competitive edge against other businesses, companies must ensure the most effective strategies and procedures are in place. This is particularly critical in smaller business environments that have fewer resources. Start-Ups and SMEs: Concepts, Methodologies, Tools, and Applications is a vital reference source that examines the strategies and concepts that will assist small and medium-sized enterprises to achieve competitiveness. It also explores the latest advances and developments for creating a system of shared values and beliefs in small business environments. Highlighting a range of topics such as entrepreneurship, innovative behavior, and organizational sustainability, this multi-volume book is ideally designed for entrepreneurs, business managers, executives, managing directors, academicians, business professionals, researchers, and graduate-level students.

Vernacular Architectural Preservation of Material and Spiritual Interconnected Cultural Heritage ALMIRA KHAFIZOVA, B.A. 10-19 PDF HTML An Industrial Heritage Case Study in Ayvalik: Ertem Olive Oil Factory GOZDE YILDIZ, PhD Candidate, NERIMAN SAHIN GUCHAN, Dr. 20-30 PDF HTML Multifunctionality of the oasis ecosystem. Case study: Biskra Oasis, Algeria FATMA ZOHRA HADAGHA, Ph.D. Candidate, BOURHANE EDDINE FARHI, Ph.D. Candidate, ABDALLAH FARHI, Dr., ALEXANDRU IONUT PETRISOR, Dr. 31-39 PDF HTML Catching Up With BIM: A Curriculum Re-Design Strategy ECE KUMKALE ACIKGOZ, Dr. 40-48 PDF HTML Exploring Design Principles of Bioclimatic Architecture and Double Skin Facades as A Convincing Tool for Energy Saving Sertac Ilter, Dr. 60-66 PDF HTML Investigating the Synergy of Integrated Project Delivery and Building Information Modeling in the Conservation of the Architectural Heritage BRAHMI BANI FERIEL, Dr., KITOUNI ILHAM, Dr., SASSI BOUDEMAGH SOUAD, Dr. 67-77 PDF HTML The Use of Textile-Based Materials in Shell System Design in Architecture and an Evaluation in Terms of Sustainability TUGBA ALIOGLU, AYSE SIREL 88-94 PDF HTML The Role of Advance Composite material In Contemporary Buildings Obasanjo Owoyale Adeola, Ph.D. Candidate, Mohammed Tauheed Alfa, Ph.D. Candidate 95-101 PDF HTML A Comparative Analysis On User Satisfaction In Closed And Open Office Buildings: Case Study Of Some Selected Buildings In Abuja Obasanjo Owoyale Adeola, Ph.D. Candidate, Barka Jonathan Kwaya, Ph.D. Candidate, Mohammed Tauheed Alfa, Ph.D. Candidate 102-106 PDF HTML Embracing Today's Economic And Technological Reality What It Means For Design Professionals YASEMIN INCE GUNEY, Dr. 107-111 PDF HTML Optimization Of Urban Street Lighting Conditions Focusing On Energy Saving, Safety And Users' Needs Christina Skandali, Dr., Y S Lambiri, Ph.D. Candidate 112-121 PDF HTML Evaluation of the Thermal Comfort in the Design of the Museum Routes: The Thermal Topology Selma SARAOU, Ph.D. Candidate, Azeddine Belakehal, Dr., Abdelghani Attar, Dr., Amar Bennadji, Dr. 122-136 PDF HTML A Discussion on Affordable Housing Projects; Case Study Mehr Housing, Iran MARYAM GHASEMI, Ph.D. candidate, NAZIFE OZAY, Dr. 137-145 PDF HTML Evaluation of Çanakkale Kilitbahir Castle in the Context of Refunctioning Kubra Duyar, MA.,

Yasemin Kucukgok, Dr., Meltem Duman Akyildiz, Mrs. 146-152 PDF HTML

This book presents a historical-philosophical analysis of the concept of 'evolution', considering the degree of development of the theories of evolution in cosmology, biology, neurobiology, and philosophy. 'Evolution' is defined here as the continuous and nonlinear complication of the structure of matter and types of interaction and environments. The book analyses existing approaches to the research of this concept in modern science and philosophy, looking at the ways in which its factors and causes have previously been explored. Unifying such interdisciplinary approaches to evolution in cosmology, biology, neurobiology, and philosophy, the book then discusses its own model, 'Evolving Matter', which considers not only the regularity of transition of a space vacuum in neural ensembles, but also the universe as a complex, non-uniform organisation. In addition, the book contains systematised interdisciplinary information on the theory of evolution.

Abstracts of III International Scientific and Practical Conference

The second volume in a series of handbooks on graphene research and applications Graphene is a valuable nanomaterial used in technology. This handbook features graphene topics related to Physics, Chemistry, and Biology. The Handbook of Graphene, Volume 2 delivers an overview on the numerous and diverse graphene research directions and innovations. The handbook covers a range of areas including graphene in optoelectronic devices and as a detector of biomolecules.

This book provides an overview of the current state of knowledge of Arctic ice shelves, ice islands and related features. Ice shelves are permanent areas of ice which float on the ocean surface while attached to the coast, and typically occur in very cold environments where perennial sea ice builds up to great thickness, and/or where glaciers flow off the land and are preserved on the ocean surface. These landscape features are relatively poorly studied in the Arctic, yet they are potentially highly sensitive indicators of climate change because they respond to changes in atmospheric, oceanic and glaciological conditions. Recent fracturing and breakup events of ice shelves in the Canadian High Arctic have attracted significant scientific and public attention, and produced large ice islands which may pose a risk to Arctic shipping and offshore infrastructure. Much has been published about Antarctic ice shelves, but to date there has not been a dedicated book about Arctic ice shelves or ice islands. This book fills that gap.

The TransNav 2013 Symposium held at the Gdynia Maritime University, Poland in June 2013 has brought together a wide range of participants from all over the world. The program has offered a variety of contributions, allowing to look at many aspects of the navigational safety from various different points of view.

Topics presente

Abstracts of X International Scientific and Practical Conference

Summing up the result of a research of a totemic problem, the author came to a conclusion that Totemism arose owing to impact of insuperable circumstances on

mentality of the person of the emergency situation taking place fifty eight thousand years ago.

War on the Eve of Nations: Conflicts and Militaries in Eastern Europe, 1450–1500 examines the relationship between warfare and nation building in Eastern Europe during the transition from the medieval to early modern periods.

This volume describes the application of the method of the differential specific forces (MDSF). By using this new method, the solutions to the problems of a dissipative viscoelastic and elastic-plastic contacts between curvilinear surfaces of two solid bodies can be found. The novelty is that the forces of viscosity and the forces of elasticity can be found by an integration of the differential specific forces acting inside an elementary volume of the contact zone. This volume shows that this method allows finding the viscoelastic forces for any theoretical or experimental dependencies between the distance of mutual approach of two curvilinear surfaces and the radiuses of the contact area. Also, the derivation of the integral equations of the viscoelastic forces has been given and the equations for the contact pressure have been obtained. The viscoelastic and elastic-plastic contacts at impact between two spherical bodies have been examined. The equations for work and energy in the phases of compression and restitution and at the rolling shear have been obtained. Approximate solutions for the differential equations of movement (displacement) by using the method of equivalent work have been calculated. This new method of differential specific viscoelastic forces allows us to find the equations for all viscoelastic forces. It is principally different from other methods that use Hertz's theory, the classical theory of elasticity and the tensor algebra. This method will be useful in research of contact dynamics of any shape of contacting surfaces. It also can be used for determination of the dynamic mechanical properties of materials and in the design of wear-resistant elements and coverings for components of machines and equipment that are in harsh conditions where they are subjected to the action of flow or jet abrasive particles. This volume will be useful for professional designers of machines and mechanisms as well as for the design and development of new advanced materials, such as wear-resistant elastic coatings and elements for pneumatic and hydraulic systems, stop valves, fans, centrifugal pumps, injectors, valves, gate valves, and in other installations.

Composed of selected research papers, this book brings together new developments and processes for managing complexity. The included works originate from renowned complexity thinkers, well established practitioners and new researchers in the area of complexity and detail issues of common interest. This book explores the process of Eurasian integration in the modern global world. The creation of the Eurasian Economic Union has become a key issue in modern Russian foreign policy. This book considers the role of the Eurasian Economic Union as a key element of regional and global integration.

This book explores the ontology of war and peace. Using the results of empirical and theoretical research in the field of geophilosophy, as well as neuroscience,

psychology, social philosophy and military history, it defines axiomatics of the theory of war and peace; formulates its consequences; tests the theory on the geophilosophy of Europe; and offers a new theoretical basis for the definition of the European Security Strategy. The text proves that war and peace are ways to achieve a regulatory compromise between manifestations of the active principle, which was initially laid in the foundation of the human mentality, and the influence of the external environment through natural selection.

Investigating changes in upbringing in the North Caucasus, a region notorious for violent conflict, this book explores the lives of the generation born after the dissolution of the USSR who grew up under conditions of turmoil and rapid social change. It avoids the 'traditional' presentation of the North Caucasus as a locus of violence, and instead presents the life of people in the region through the lens of the young generation growing up there. Using focus groups with teachers and students of different ethnic groups, as well as surveys and essays written by children, the book suggests that while the legacy of conflict plays a role in many children's lives, it is by no means the only factor in their upbringing. It explores how conflict has influenced upbringing, and goes on to consider factors such as the revival of religion, the impact of social and economic upheaval, and the shifting balance between school and parents. As well as revealing the dynamic influences on children's upbringing in the region, the book presents recommendations on how to address some of the challenges that arise. The role of government in education is also evaluated, and prospects for the future are considered. The book is useful for students and scholars of Education, Sociology and Central Asian Studies.

Lifestyle in Siberia and the Russian North breaks new ground by exploring the concept of lifestyle from a distinctly anthropological perspective. Showcasing the collective work of ten experienced scholars in the field, the book goes beyond concepts of tradition that have often been the focus of previous research, to explain how political, economic and technological changes in Russia have created a wide range of new possibilities and constraints in the pursuit of different ways of life. Each contribution is drawn from meticulous first-hand field research, and the authors engage with theoretical questions such as whether and how the concept of lifestyle can be extended beyond its conventionally urban, Euro-American context and employed in a markedly different setting. Lifestyle in Siberia and the Russian North builds on the contributors' clear commitment to diversifying the field and providing a novel and intimate insight into this vast and dynamic region. This book provides inspiring reading for students and teachers of Anthropology, Sociology and Cultural Studies and for anyone interested in Russia and its regions. By providing ethnographic case studies, it is also a useful basis for teaching anthropological methods and concepts, both at graduate and undergraduate level. Rigorous and innovative, it marks an important contribution to the study of Siberia and the Russian North.

Decision support systems (DSS) are widely touted for their effectiveness in aiding

decision making, particularly across a wide and diverse range of industries including healthcare, business, and engineering applications. The concepts, principles, and theories of enhanced decision making are essential points of research as well as the exact methods, tools, and technologies being implemented in these industries. From both a standpoint of DSS interfaces, namely the design and development of these technologies, along with the implementations, including experiences and utilization of these tools, one can get a better sense of how exactly DSS has changed the face of decision making and management in multi-industry applications. Furthermore, the evaluation of the impact of these technologies is essential in moving forward in the future. The Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering explores how decision support systems have been developed and implemented across diverse industries through perspectives on the technology, the utilizations of these tools, and from a decision management standpoint. The chapters will cover not only the interfaces, implementations, and functionality of these tools, but also the overall impacts they have had on the specific industries mentioned. This book also evaluates the effectiveness along with benefits and challenges of using DSS as well as the outlook for the future. This book is ideal for decision makers, IT consultants and specialists, software developers, design professionals, academicians, policymakers, researchers, professionals, and students interested in how DSS is being used in different industries.

Islam and the Orthodox Church in contemporary Russia are usually studied in isolation from each other, and each in relation to the Kremlin; the latter demands the development of a home-grown and patriotic 'religious traditionalism, as a bulwark against subversive 'non-traditional' imports. This volume breaks new ground by focusing on charismatic missionaries from both religions who bypass the hierarchies of their respective faith organizations and challenge the 'traditionalism' paradigm from within Russia's many religious traditions, and who give new meanings to the well-known catchwords of Russia's identity discourse. The Moscow priest Daniil Sysoev confronted the Russian Orthodox Church with 'Uranopolitism', a spiritual vision that defies patriotism and nationalism; the media-savvy Geidar Dzhemal projected an 'Islamic Eurasianism' and a world revolution for which Russia's Muslims would provide the vanguard; and the Islamic terrorist Said Buriatskii found respect among left- and right-wing Russians through his Islamic adaptation of Lev Gumilev's 'passionarity' paradigm. On the other side, Russian experts and journalists who propagate the official paradigm of Russia's 'traditional Islam' argue from either Orthodox or secularist perspectives, and fail to give content to the concept. This allows even moderate Salafis to argue that their creed is Russia's real 'traditionalist' Islam. This book was originally published as a special issue of Islam and Christian-Muslim Relations.

The Matica and Beyond is a comparative study of the cultural associations

established to further national movements in nineteenth-century Europe by publishing literary and scientific texts in the national language.

This book is open access under a CC-BY license. The volume presents papers on vocational education, project-based learning and science didactic approaches, illustrating with sample cases, and with a special focus on Central Asian states.

Thematically embedded in the area of Technical Vocational Education and Training (TVET), the book examines the following main topics: project-based learning (PBL), specific didactics with a linkage to food technologies and laboratory didactics, media and new technologies in TVET, evaluation of competencies including aspects of measurement, examination issues, and labour market and private sector issues in TVET, and research methods with a focus on empirical research and the role of scientific networks. It presents outcomes from TVET programmes at various universities, colleges, and teacher training institutes in Central Asia.

Abstracts of I International Scientific and Practical Conference

This book, with contributions by both leading scholars and industry experts, provides a coherent framework for understanding complex determinants and patterns of industry competitiveness. Divided into eight parts, it covers both quantitative and qualitative research on the following topics: technologies, economic development, and human resources in Industry 4.0; management in the digital economy; artificial intelligence and knowledge management approaches; drivers of sustainable and innovative development in corporations; resilient and competitive systems in the energy sector; compliance and anti-corruption mechanisms; and competence networks and technological integration. Thanks to its highly stimulating discussions on the determinants and patterns of industry competitiveness, this book appeals to a wide readership.

Improvements in the application of online learning technologies are continually on the rise as the expectation for individuals to obtain a higher education grows and more people are seeking alternative modes of education. As more institutions implement e-learning systems, it has become increasingly important to explore the advancements and obstacles of these technologies. The Handbook of Research on Estimation and Control Techniques in E-Learning Systems presents the latest research in online learning and educational technologies for a diverse range of students and educational environments. Featuring comprehensive coverage on the implementation and usage of e-education systems, this publication explores a variety of pertinent topics including, but not limited to, ubiquitous computer technology, e-learning environments, and challenges in implementing these technologies, serving as a crucial reference source for researchers, professionals, academicians, students, government officials, and technology developers interested in the adoption and implementation of e-learning systems.

The Dot of Noah's-Darwin's: the Ark, evolution, totemism and interspecific wars.

Correspondence with anthropological journalsLitres

In Cold Rush Martin Breum travels through and describes the new quest for the Arctic and the tortuous ongoing diplomatic endeavours to maintain peace, while the governments involved all develop still stronger security presences.

Metacognition plays an important role in numerous aspects of higher educational learning strategies. When properly integrated in the educational system, schools are



better equipped to build more efficient and successful learning strategies for students in higher education. *Metacognition and Successful Learning Strategies in Higher Education* is a detailed resource of scholarly perspectives that discusses current trends in learning assessments. Featuring extensive coverage on topics such as spiritual intelligence strategies, literacy development, and ubiquitous learning, this is an ideal reference source for academicians, graduate students, practitioners, and researchers who want to improve their learning strategies using metacognition studies.

This is an unlikely story of true events. The Day that changed the World in the United States (bombing of the Twin Towers), the Day of Fate in Germany and the Day of Destiny in Israel are all connected with the 11th day of the 9th month. These 9/11 dates entail much more than three events in three countries. In the Hebrew tradition, they include all the calamities that have befallen the Jews from the time of the Destruction of the First Temple and Second Temple, the Expulsion of the Jews from England, France, Spain through to the Holocaust in World War II. These events are, in turn, part of a larger history, which linked the same date with cosmic events such as a day of Cosmic Battle and the Birth of Venus and gave special significance to the numbers 9 and 11. Part one explores this tradition and surveys a range of sources from a former German officer involved in the plot against Hitler, to various conspiracy theories. These events are also related to swastikas and hexagrams. Since World War II there has been a trend to associate swastikas with an evil, German Aryan tradition and hexagrams (e.g. six-pointed Star of David) with a good, Jewish Semitic tradition. Historically, a Jewish connection with the Star of David is late Mediaeval rather than Biblical. Swastikas and hexagrams are found in both the Aryan and the Semitic tradition. Hence, the new trend distorts a complex history. More disturbingly, in the guise of tolerance and political correctness, one version of stories is highlighted, others are being suppressed and truth is endangered.

The Arctic zone of the Earth is a major source of mineral and other natural resources for the future development of science and technology. It contains a large supply of strategic mineral deposits, including rare earths, copper, phosphorus, niobium, platinum-group elements, and other critical metals. The continued melting of the sea ice due to climate change makes these resources more accessible than ever before. However, the mineral exploration in the Arctic has always been a challenge due to the climatic restrictions, remote location, and vulnerability of Arctic ecosystems. This book covers a broad range of topics related to the problem of Arctic mineral resources, including geological, geochemical, and mineralogical aspects of their occurrence and formation; chemical technologies; and environmental and economic problems related to mineral exploration. The contributions can be tentatively classified into four major types: geodynamics and metallogeny, mineralogy and petrology, mineralogy and crystallography, and mining and chemical technologies associated with the exploration of mineral deposits and the use of raw materials for manufacturing new products. The book can be of interest for all those interested in Arctic issues and especially in Arctic mineral resources and associated problems of mineralogy, geology, geochemistry, and technology.

Abstracts of V International Scientific and Practical Conference

Today's philosophy of knowledge usually takes into consideration only two leading components: the material world in which we live, and the ideal world of the human

brain. They contradict and, at the same time, complement each other, while their cooperation creates new knowledge and its practical implications. This book propounds quite a different conception of producing new ideas, and introduces onto the scene the semiotic reality: signs and sign systems (progenies of human mind). According to this view, the material world is transformed in our mind, where it receives its sign vesture. Then, it can be explained and understood by various audiences, and enters the depository of human wisdom. As the book shows, the interplay of the three realities (ontological, semiotic and virtual) gives rise to many new notions, like metathinking and the second scientific period of our civilization, among others.

In legal interpretation, where does meaning come from? Law is made from language, yet law, unlike other language-related disciplines, has not so far experienced its "pragmatic turn" towards inference and the construction of meaning. This book investigates to what extent a pragmatically based view of linguistic and legal interpretation can lead to new theoretical views for law and, in addition, to practical consequences in legal decision-making. With its traditional emphasis on the letter of the law and the immutable stability of a text as legal foundation, law has been slow to take the pragmatic perspective: namely, the language-user's experience and activity in making meaning. More accustomed to literal than to pragmatic notions of meaning, that is, in the text rather than constructed by speakers and hearers the disciplines of law may be culturally resistant to the pragmatic turn. By bringing together the different but complementary perspectives of pragmatists and lawyers, this book addresses the issue of to what extent legal meaning can be productively analysed as deriving from resources beyond the text, beyond the letter of the law. This collection re-visits the feasibility of the notion of literal meaning for legal interpretation and, at the same time, the feasibility of pragmatic meaning for law. Can explications of pragmatic meaning support court actions in the same way concepts of literal meaning have traditionally supported statutory interpretations and court judgements? What are the consequences of a user-based view of language for the law, in both its practices of interpretation and its definition of itself as a field? Readers will find in this collection means of approaching such questions, and promising routes for inquiry into the genre- and field-specific characteristics of inference in law. In many respects, the problem of literal vs. pragmatic meaning confined to the text vs. reaching beyond it will appear to parallel the dichotomy in law between textualism and intentionalism. There are indeed illuminating connections between the pair of linguistic terms and the more publicly controversial legal ones. But the parallel is not exact, and the linguistic dichotomy is in any case anterior to the legal one. Even as linguistic-pragmatic investigation may serve legal domains, the legal questions themselves point back to central conditions of all linguistic meaning.

Abstracts of XIX International Scientific and Practical Conference

This book introduces new approaches to semiotics and metaphysical philosophy, innovations that show how mature semiotics naturally leads to new vistas in philosophical thinking. It also demonstrates how researchers change their initial formulations over the course of their research, arriving at fresh results that sometimes conflict with their original interpretations. In order to do this, the book gathers together a series of papers by the author composed over the course of more than 30 years of semiotic studies. The ideas presented in these essays lead to conclusions that differ significantly from some currently accepted philosophical views. The volume concludes

with a section that presents some practical implementations of these theoretical concepts, related to issues such as the construction of new scientific languages, and introduces a new format for bibliographies that may be more helpful to readers of scientific literature than the standard presentation in use today.

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