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The 2nd Annual 2016 International Workshop on Materials Science and Engineering (IWMSE 2016) was held in Guangzhou, Guangdong, China on August 12 – August 14, 2016. The main aim of IWMSE 2016 was to provide a platform for scientists and engineers, to get together to share their research findings, exchange ideas and identify the future directions of R&D in

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materials science. In this conference, we have received over 272 high-quality papers, however, only 160 articles are included in the proceedings, covering topics such as ceramics and glasses, amorphous materials, nanomaterials and thin layers, soft magnetic materials, biomaterials, polymers, photovoltaic materials, steels, tool materials, composites, as well as functional and smart materials.

This volume is a post-conference publication of the 4th World Congress on

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Social Simulation (WCSS), with contents selected from among the 80 papers originally presented at the conference. WCSS is a biennial event, jointly organized by three scientific communities in computational social science, namely, the Pacific-Asian Association for Agent-Based Approach in Social Systems Sciences (PAAA), the European Social Simulation Association (ESSA), and the Computational Social Science Society of the Americas (CSSSA). It is, therefore, currently the most prominent conference in the area of

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agent-based social simulation. The papers selected for this volume give a holistic view of the current development of social simulation, indicating the directions for future research and creating an important archival document and milestone in the history of computational social science. Specifically, the papers included here cover substantial progress in artificial financial markets, macroeconomic forecasting, supply chain management, bank networks, social networks, urban planning, social norms and group formation, cross-

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cultural studies, political party competition, voting behavior, computational demography, computational anthropology, evolution of languages, public health and epidemics, AIDS, security and terrorism, methodological and epistemological issues, empirical-based agent-based modeling, modeling of experimental social science, gaming simulation, cognitive agents, and participatory simulation. Furthermore, pioneering studies in some new research areas, such as the theoretical foundations

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of social simulation and categorical social science, also are included in the volume.

The Power and Poetry of Mathematics
19th International Workshop, CSL 2005,
14th Annual Conference of the EACSL,
Oxford, UK, August 22-25, 2005,
Proceedings

Nuclear Science Abstracts

Graph-Theoretic Concepts in Computer
Science

6th International Conference, ReMiCS 2001
and 1st Workshop of COST Action 274 TARSKI

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Oisterwijk, The Netherlands, October 16–21, 2001 Revised Papers

Relational Methods in Computer Science

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

The 2016 International Workshop on Material Science and Environmental Engineering (IWMSEE2016) was held in Wuhan, Hubei, China from January 22nd to January 24th, 2016. Out of the 214 submissions from various parts of the world, only 85 papers were chosen by the Technical Program Committee. IWMSEE2016 aims to

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bring together researchers, engineers and students from the areas of Material Science and Environmental Engineering to share and discuss the output of their research and the progress made, in the areas of Material Science and Engineering, Environmental Protection and Sustainable Development, Renewable Energy and Building Energy Saving, Environmental Science and Engineering, Modeling, Simulation and Control System and Safety Management. The conference program is extremely rich and profound and features high-impact presentations of selected papers and additional ground-breaking contributions. All the selected papers demonstrate elements of originality, significance and clarity for the purpose of this conference. Contents:Material Science and EngineeringEnvironmental Protection and Sustainable DevelopmentRenewable Energy and Building Energy SavingEnvironmental Science and

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Engineering Modeling Simulation and Control System Safety Management Readership: Researchers and academics in materials science and environmental engineering.

Military Schools and Courses of Instruction in the Science and Art of War, in France, Prussia, Austria ...

Science Abstracts

Soft Computing as Transdisciplinary Science and Technology

The 1994 Space and Earth Science Data Compression Workshop

Computer Science Logic

English Mechanic and Mirror of Science and Arts

Material Science and Environmental

Engineering The Proceedings of 2016 International Workshop on Material Science and Environmental

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*Engineering (IWMSEE2016)World Scientific
A Publishers Weekly best book of 1995! Dr.
Michael Guillen, known to millions as the science
editor of ABC's Good Morning America, tells the
fascinating stories behind five mathematical
equations. As a regular contributor to daytime's
most popular morning news show and an
instructor at Harvard University, Dr. Michael
Guillen has earned the respect of millions as a
clear and entertaining guide to the exhilarating
world of science and mathematics. Now Dr.
Guillen unravels the equations that have led to the*

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inventions and events that characterize the modern world, one of which -- Albert Einstein's famous energy equation, $E=mc^2$ -- enabled the creation of the nuclear bomb. Also revealed are the mathematical foundations for the moon landing, airplane travel, the electric generator -- and even life itself. Praised by Publishers Weekly as "a wholly accessible, beautifully written exploration of the potent mathematical imagination," and named a Best Nonfiction Book of 1995, the stories behind The Five Equations That Changed the World, as told by Dr. Guillen, are not

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only chronicles of science, but also gripping dramas of jealousy, fame, war, and discovery.

*English Mechanic and World of Science
Five Equations That Changed the World
Volume 16*

*The Proceedings of 2016 International Workshop
on Material Science and Environmental
Engineering (IWMSEE2016)*

The Fourth World Congress

*Proceedings of the NATO Advanced Research
Workshop on Hydrogen Materials Science an
Chemistry of Carbon Nanomaterials, Sudak,*

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Crimea, Ukraine, September 14-20, 2003

This well-reviewed and vigorous series presents research summaries on aspects of soil science which are as diverse as the subject itself, and range through physical, chemical and biological approaches to the study of soils. Volume 16 contains articles dealing with the role of phosphorus in soil, modeling of chemical absorption in soils, tests to determine nutrient availability and element toxicity in

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soils, the effects of sewage sludge on soil microbes, and methods to estimate soil water retention based on physical properties of soil.

This book constitutes the thoroughly refereed post-proceedings of the 32nd International Workshop on Graph-Theoretic Concepts in Computer Science, WG 2006, held in Bergen, Norway in June 2006. The 30 revised full papers presented together with one invited paper were carefully selected from 91

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submissions. The papers address all aspects of graph-theoretic concepts in computer science.

SI Units

A Treatise

Drawn from Recent Official Reports and Documents

Proceedings of the fourth IEEE

International Workshop WSTST' 05

Computer Science in Industrial Application

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This volume constitutes the refereed proceedings of the 24th International Workshop on Computer Science Logic, CSL 2010, held in Brno, Czech Republic, in August 2010. The 33 full papers presented together with 7 invited talks, were carefully reviewed and selected from 103 submissions. Topics covered include automated deduction and interactive theorem proving, constructive mathematics and type theory, equational logic and term rewriting, automata and games, modal and temporal logic, model checking, decision procedures, logical aspects of computational complexity, finite model theory, computational proof theory, logic programming and constraints, lambda calculus and combinatory logic, categorical logic and topological semantics, domain theory,

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database theory, specification, extraction and transformation of programs, logical foundations of programming paradigms, verification and program analysis, linear logic, higher-order logic, and nonmonotonic reasoning.

This book constitutes the refereed proceedings of the 19th International Workshop on Computer Science Logic, CSL 2005, held as the 14th Annual Conference of the EACSL in Oxford, UK in August 2005. The 33 revised full papers presented together with 4 invited contributions were carefully reviewed and selected from 108 papers submitted. All current aspects of logic in computer science are addressed ranging from mathematical logic and logical foundations to methodological issues and applications of

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logics in various computing contexts. The volume is organized in topical sections on semantics and logics, type theory and lambda calculus, linear logic and ludics, constraints, finite models, decidability and complexity, verification and model checking, constructive reasoning and computational mathematics, and implicit computational complexity and rewriting.

24th International Workshop, CSL 2010, 19th Annual Conference of the EACSL, Brno, Czech Republic, August 23-27, 2010, Proceedings

How to Write a Good Tune

Hydrogen Materials Science and Chemistry of Carbon Nanomaterials

Proceedings of a Workshop Sponsored by the National

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Aeronautics and Space Administration and the Center of Excellence in Space Data and Information Sciences and Held at the University of Utah, Salt Lake City, Utah, April 2, 1994

Advances in Soil Science

Automotive Science and Mathematics

This book constitutes the thoroughly refereed joint postproceedings of the 8th International Seminar on Relational Methods in Computer Science, the 3rd International Workshop on Applications of Kleene Algebra, and the Workshop of COST Action 274. The 17 revised full papers presented together with 3 invited papers address foundational and methodological aspects

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of the calculi of relations and Kleene algebra, and their application in various areas of computer science and information processing.

This volume presents the proceedings of the workshop CSL '91 (Computer Science Logic) held at the University of Berne, Switzerland, October 7-11, 1991. This was the fifth in a series of annual workshops on computer sciencelogic (the first four are recorded in LNCS volumes 329, 385, 440, and 533). The volume contains 33 invited and selected papers on a variety of logical topics in computer science, including abstract datatypes, bounded theories, complexity results, cut elimination, denotational semantics, infinitary queries, Kleene algebra with

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recursion, minimal proofs, normal forms in infinite-valued logic, ordinal processes, persistent Petri nets, plausibility logic, program synthesis systems, quantifier hierarchies, semantics of modularization, stable logic, term rewriting systems, termination of logic programs, transitive closure logic, variants of resolution, and many others.

Materials Science And Engineering - Proceedings Of The 2nd Annual International Workshop (Iwmse 2016) Military Schools and Courses of Instruction in the Science and Art of War, in France, Prussia, Austria, Russia, Sweden, Switzerland, Sardinia, England, and the United States Drawn from Recent Official Reports and Documents by Henry Barnard

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8th International Seminar on Relational Methods in Computer Science, 3rd International Workshop on Applications of Kleene Algebra, Workshop of COST Action 274: TARSKI, St. Catharines, ON, Canada, February 22-26, 2005, Selected Revised Papers
Proceedings of the 7th Annual International Workshop on Materials Science and Engineering, (IWMSE 2021), Changsha, Hunan, China, 21-23 May 2021
Advances in Computational Social Science
Senior Workshop Calculations

CSIA 2014 focusses on improvements in computer science in industrial application. The contributions are grouped into five main sections:1. Computer and Information Technology.2.

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Business management, E-commerce and Tourism. This section covers mainly basic theory and general method of economic management businesses and market economy.&nbs

The 2003 International Conference "Hydrogen Materials Science and Chemistry of Carbon Nanomaterials" was held in September 2003. In the tradition of the earlier ICHMS conferences, this meeting served as an interdisciplinary forum for the presentation and discussion of the most recent research on transition to hydrogen-based energy systems, technologies for hydrogen production, storage, utilization, materials, energy and environmental problems. The aim of the volume is to provide an overview of the latest scientific results on research and development in the different topics cited

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above. The representatives from industry, public laboratories, universities and governmental agencies have presented the most recent advances in hydrogen concepts, processes and systems, to evaluate current progress in these areas of investigations and to identify promising research directions for the future.

Indian Books in Print

1994 Space and Earth Science Data Compression Workshop

English Mechanics and the World of Science

32nd International Workshop, WG 2006, Bergen, Norway,

June 22-23, 2006, Revised Papers

5th Workshop, CSL '91, Berne, Switzerland, October 7-11,

1991. Proceedings

Material Science and Environmental Engineering

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This book constitutes the joint refereed proceedings of the 17th International Workshop on Computer Science Logic, CSL 2003, held as the 12th Annual Conference of the EACSL and of the 8th Kurt Gödel Colloquium, KGC 2003 in Vienna, Austria, in August 2003. The 30 revised full papers presented together with abstracts of 9 invited presentations were carefully reviewed and selected from a total of 112 submissions. All current aspects of computer science logic are addressed ranging from mathematical logic and logical foundations to the application of logics in various computing aspects.

This volume contains the selected papers resulting from the 7th Annual International Workshop on Materials Science and Engineering, and is focusing on the following six aspects: 1. Various Materials Properties, Processing, and Manufactures; 2.

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Multifunctional Materials Properties, Processing, and Manufactures; 3. Nanomaterials and Biomaterials; 4. Civil Materials and Sustainable Environment; 5. Electrochemical Valuation, Fracture Resistance, and Assessment; 6. Designs Related to Materials Science and Engineering. This proceeding presents and discusses key concepts and analyzes the state-of-the-art of the field. IWMSE 2021 is an academic conference in a series held once per year. The conference not only provides insights on materials science and engineering, but also affords conduit for future research in these fields. It provides opportunities for the delegates to exchange new ideas and application experiences, to establish business or research relations and to find global partners for future collaboration.

Advances in Materials Science and Engineering
Military Schools and Courses of Instruction in the Science and Art

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of War in France, Prussia, Austria, Russia, Sweden, Switzerland, Sardinia, England, and the United States

Physics abstracts

With which are Incorporated "the Mechanic", "Scientific Opinion," and the "British and Foreign Mechanic."

Popular Science

Military Schools and Courses of Instruction in the Science and Art of War, in France, Prussia, Austria, Russia, Sweden, Switzerland, Sardinia, England, and the United States ... Part 1. France and Prussia. [Originally issued in the American Journal of Education under the title: "Military Schools in France and Prussia."]

This book constitutes the thoroughly refereed joint post-proceedings of the

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6th International Conference on Relational Methods in Computer Science, RelMICS 2001 and the 1st Workshop of COST Action 274 TARSKI, Theory and Application of Relational Structures as Knowledge Instruments held in Oisterwijk, The Netherlands, in October 2001. The 20 revised full papers presented together with an invited paper were carefully reviewed and selected. The papers are organized in topical sections on algebraic and

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logical foundations of real world relations, mechanization of relational reasoning, and relational scaling and preferences.

Automotive technicians and students need a firm grasp of science and technology in order to fully appreciate and understand how mechanisms and systems of modern vehicles work.

Automotive Science and Mathematics presents the necessary principles and applications with all the examples and

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exercises relating directly to motor vehicle technology and repair, making it easy for automotive students and apprentices to relate the theory back to their working practice. The coverage of this book is based on the syllabus requirements of the BTEC First in Vehicle Technology, BTEC National in Vehicle Repair and Technology, and the IMI Certificate and Diploma in Vehicle Maintenance and Repair, but will help all automotive students and apprentices

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at levels 2 and 3 and up to and including HNC/HND, foundation and first degree with their studies and in achieving the Key Skill 'Application of Number' at levels 2 and 3. The book is designed to cater for both light and heavy vehicle courses. Full worked solutions of most exercises are available as a free download for lecturers only from <http://textbooks.elsevier.com>. Allan Bonnick is a motor vehicle education

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and training consultant and was formerly Head of Motor Vehicle Engineering, Eastbourne College. He is the author of several established automotive engineering textbooks.

17th International Workshop, CSL 2003,
12th Annual Conference of the EACSL,
and 8th Kurt Gödel Colloquium, KGC
2003, Vienna, Austria, August 25-30,
2003, Proceedings

Workshop Calculation & Science
(Mechanical)

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Proceedings of the 2014 Pacific-Asia Workshop on Computer Science and Industrial Application (CSIA 2014), Bangkok, Thailand, November 17-18, 2014

This book presents the proceedings of the Fourth International Workshop on Soft Computing as Transdisciplinary Science and Technology (WSTST '05), May 25-27, 2005, Muroran, Japan. It brings together the original work of international soft computing/computational intelligence researchers, developers, practitioners, and users. This proceedings provide contributions to all areas of

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soft computing including intelligent hybrid systems, agent-based systems, intelligent data mining, decision support systems, cognitive and reactive distributed artificial intelligence (AI), internet modelling, human interface, and applications in science and technology.