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Heat Exchanger Design Handbook - Kuppan Thulukkanam 2000-02-23
"This comprehensive reference covers all the important aspects of heat exchangers (HEs)--their design and modes of operation--and practical, large-scale applications in process, power, petroleum, transport, air conditioning, refrigeration, cryogenics, heat recovery, energy, and other industries. Reflecting the author's extensive practical experienc
Radio-electronics - 1977

Encyclopaedia of Religion and Ethics: Suffering-Zwingli - James Hastings 1922

Proceedings of EUCOMES 08 - Marco Ceccarelli 2008-11-27
The EUCOMES08, Second European Conference on Mechanism Science is the second event of a series that has been started in 2006 as a conference activity for an European community working in Mechanism Science. The ?rst event was held in Obergurgl, Austria in 2006. This year EUCOMES08 Conference has come to Cassino in Italy taking place from 17 to 20 September 2008.
TheaimoftheEUCOMESConference istobringtogetherEuropean researchers, industry professionals and students from the broad ranges of disciplines referring to Mechanism Science, in an intimate, collegial and stimulating environment. In this second event we have received an increased attention to the initiative, as canbeseenbythefactthattheEUCOMES08Proceedingswillcontaincontributions by authors even from all around the world. This means also that there is a really interest to have not only a conference frame but even a need of aggregation for an European Community well identi?ed in Mechanism Science with the aim to strengthen common views and collaboration activities among European researchers and institutions. I believe that a reader will take advantage of the papers in these Proceedings with further satisfaction and motivation for her or his work. These papers cover the wide ?eld of the Mechanism Science. The program of EUCOMES08 Conference has included technical sessions with oral presentations, which, together with informal conversations during the social program, have enabled to offer wide opportunities to share experiences and discuss scienti?c achievements and current trends in the areas encompassed by the EUCOMES08 conference.

Human-Computer Interaction. Theoretical Approaches and Design Methods - Masaaki Kurosu 2022-06-16
The three-volume set LNCS 13302, 13303 and 13304 constitutes the refereed proceedings of the Human Computer Interaction thematic area of the 24th International Conference on Human-Computer Interaction, HCII 2022, which took place virtually in June-July 2022. The 132 papers included in this HCI 2022 proceedings were organized in topical sections as follows: Part I: Theoretical and Multidisciplinary Approaches in

HCI; Design and Evaluation Methods, Techniques and Tools; Emotions and Design; and Children-Computer Interaction, Part II: Novel Interaction Devices, Methods and Techniques; Text, Speech and Image Processing in HCI; Emotion and Physiological Reactions Recognition; and Human-Robot Interaction, Part III: Design and User Experience Case Studies, Persuasive Design and Behavioral Change; and Interacting with Chatbots and Virtual Agents.
Index of Conference Proceedings Received - British Library. Lending Division 1980

News in Engineering - 1985

The Coral Reef Era: From Discovery to Decline - James Bowen 2015-01-06
On 4 June 1629, the Batavia, pride of the Dutch East India Company Fleet, was wrecked on her maiden voyage in a seemingly empty expanse of the Indian Ocean. The question “how did this happen?” led to 300 years of investigation by those curious to solve the enigma: what are corals and how are coral reefs formed?. Relying heavily on primary source material Part 1 traces the sequential evolution of scientific thought and practice as the author explores the way this evolution is reflected in the search for understanding corals. At each stage, answers lead to fresh questions that challenge investigators to solve the riddle and new branches of science emerge. Then, with the first enigma finally understood, a new enigma arose. Why are Reefs dying? Part 2 traces the range of problems that have emerged in the past 50 years as marine, ecological, reef and climate scientists attempt to put the pieces of the jigsaw together. Is there a new “canary in the coal mine” warning of the fate of the world as we know it if man’s impact on his environment continues unchecked?.
How Molecular Forces and Rotating Planets Create Life - Jan Spitzer 2021-02-09
A reconceptualization of origins research that exploits a modern understanding of non-covalent molecular forces that stabilize living prokaryotic cells. Scientific research into the origins of life remains exploratory and speculative. Science has no definitive answer to the biggest questions--"What is life?" and "How did life begin on earth?" In this book, Jan Spitzer reconceptualizes origins research by exploiting a modern understanding of non-covalent molecular forces and covalent bond formation--a physicochemical approach propounded originally by Linus Pauling and Max Delbrück. Spitzer develops the Pauling-Delbrück premise as a physicochemical jigsaw puzzle that identifies key stages in life's emergence, from the formation of first oceans, tidal sediments, and proto-biofilms to progenotes, proto-cells and the first cellular organisms.
Engineering News and American Contract Journal - 1893

Technology Developments: the Role of Mechanism and Machine Science and IFToMM - Marco Ceccarelli 2011-05-26
This is the first book of a series that will focus on MMS (Mechanism and Machine Science). This book also presents IFToMM, the International Federation on the Promotion of MMS and its activity. This volume contains contributions by IFToMM officers who are Chairs of member organizations (MOs), permanent commissions (PCs), and technical committees (TCs), who have reported their experiences and views toward the future of IFToMM and MMS. The book is composed of three parts: the first with general considerations by high-standing IFToMM persons, the second chapter with views by the chairs of PCs and TCs as dealing with specific subject areas, and the third one with reports by the chairs of MOs as presenting experiences and challenges in national and territory communities. This book will be of interest to a wide public who wish to know the status and trends in MMS both at international level through IFToMM and in national/local frames through the leading actors of activities. In addition, the book can be considered also a fruitful source to find out “who’s who” in MMS, historical backgrounds and trends in MMS developments, as well as for challenges and problems in future activity by IFToMM community and in MMS at large.
Technical Translations - 1962

The American Magazine - 1921

Machine Design - Andrew D. Dimarogonas 2000-12-18

Computer aided design (CAD) emerged in the 1960s out of the growing acceptance of the use of the computer as a design tool for complex systems. As computers have become faster and less expensive while handling an increasing amount of information, their use in machine design has spread from large industrial needs to the small designer.
Deus ex machina - Paolo Tinti 2004

Vibrations of Mechanical Systems and the History of Mechanical Design - Raghu Echempati 1993

Microstructural Design of Advanced Engineering Materials - Dmitri A. Molodov 2013-07-17
The choice of a material for a certain application is made taking into account its properties. If, for example one would like to produce a table, a hard material is needed to guarantee the stability of the product, but the material should not be too hard so that manufacturing is still as easy as possible - in this simple example wood might be the material of choice. When coming to more advanced applications the required properties are becoming more complex and the manufacturer`s desire is to tailor the properties of the material to fit the needs. To let this dream come true, insights into the microstructure of materials is crucial to finally control the properties of the materials because the microstructure determines its properties. Written by leading scientists in the field of microstructural design of engineering materials, this book focuses on the evolution and behavior of granular microstructures of various advanced materials during plastic deformation and treatment at elevated temperatures. These topics provide essential background and practical information for materials scientists, metallurgists and solid state physicists.
To Engineer is Human - Henry Petroski 2018-10-16
“Though ours is an age of high technology, the essence of what engineering is and what engineers do is not common knowledge. Even the most elementary of principles upon which great bridges, jumbo jets, or super computers are built are alien concepts to many. This is so in part because engineering as a human endeavor is not yet integrated into our culture and intellectual tradition. And while educators are currently wrestling with the problem of introducing technology into conventional academic curricula, thus better preparing today’s students for life in a world increasingly technological, there is as yet no consensus as to how technological literacy can best be achieved. " I believe, and I argue in this essay, that the ideas of engineering are in fact in our bones and part of our human nature and experience. Furthermore, I believe that an understanding and an appreciation of engineers and engineering can be gotten without an engineering or technical education. Thus I hope that the technologically uninitiated will come to read what I have written as an introduction to technology. Indeed, this book is my answer to the questions 'What is engineering?' and 'What do engineers do?'" - Henry Petroski, To Engineer is Human
Mechanical Engineering - 1967-07

The Cumulative Book Index - 1978
A world list of books in the English language.
Product Engineering - 1953

Building - 1902

Energy Research Abstracts - 1979

Engineering Applications of Neural Networks - Lazaros S. Iliadis 2013-09-25
The two volumes set, CCIS 383 and 384, constitutes the refereed proceedings of the 14th International Conference on Engineering Applications of Neural Networks, EANN 2013, held on Halkidiki, Greece, in September 2013. The 91 revised full papers presented were carefully reviewed and selected from numerous submissions. The papers describe the applications of artificial neural networks and other soft computing approaches to various fields such as pattern recognition-predictors, soft computing applications, medical applications of AI, fuzzy inference, evolutionary algorithms, classification, learning and data mining, control techniques-aspects of AI evolution, image and video analysis, classification, pattern recognition, social media and community based governance, medical applications of AI-bioinformatics and learning.

International Symposium on History of Machines and Mechanisms - Hong-Sen Yan 2009-01-11
The International Symposium on the History of Machines and Mechanisms is the main activity of the Permanent Commission (PC) for the History of Mechanism and Machine Science (HMM) of the International Federation for the Promotion of Mechanism and Machine Science (IFToMM). The first symposium, HMM2000, was initiated by Dr. Marco Ceccarelli and was held at the University of Cassino (Cassino, Italy) on May 11–13, 2000. The second symposium, HMM2004, was chaired by Dr. Marco Ceccarelli and held at the same venue on May 12–15, 2004. The third symposium, HMM2008, was chaired by Dr. Hong-Sen Yan and held at the National Cheng Kung University (Tainan, Taiwan) on November 11–14, 2008. The mission of IFToMM is to promote research and development in the field of machines and mechanisms by theoretical and experimental methods, along with their practical applications. The aim of HMM2008 is to establish an international forum for presenting and discussing historical developments in the field of Mechanism and Machine Science (MMS). The subject area covers all aspects of the development of HMM, such as machine, mechanism, kinematics, design method, etc., that are related to people, events, objects, anything that assisted in the development of the HMM, and presented in the forms of reasoning and ar- ments, demonstration and identification, and description and evaluation.

Applied Mechanics Reviews - 1961

Fifth Generation Computers - Richard Kendall Miller 1987

Dictionary of Fundamental Theology - René Latourelle 1994
Because of the massive changes in society and the church over the last 50 years, traditional apologetics has changed and a new discipline with its own specific character, object, and method has been born. Now, in 221 authoritative articles, this comprehensive dictionary provides a complete, A-Z reference to this "new theology".

The Mechanical World - 1927

The Engineering Journal - 1921

Feature Engineering for Machine Learning - Alice Zheng 2018-03-23
Feature engineering is a crucial step in the machine-learning pipeline, yet this topic is rarely examined on its own. With this practical book, you'll learn techniques for extracting and transforming features—the numeric representations of raw data—into formats for machine-learning models. Each chapter guides you through a single data problem, such as how to represent text or image data. Together, these examples illustrate the main principles of feature engineering. Rather than simply teach these principles, authors Alice Zheng and Amanda Casari focus on practical application with exercises throughout the book. The closing chapter brings everything together by tackling a real-world, structured dataset with several feature-engineering techniques. Python packages including numpy, Pandas, Scikit-learn, and Matplotlib are used in code examples. You'll examine: Feature engineering for numeric data: filtering, binning, scaling, log transforms, and power transforms Natural text techniques: bag-of-words, n-grams, and phrase detection Frequency-based filtering and feature scaling for eliminating uninformative features Encoding techniques of categorical variables, including feature hashing and bin-counting Model-based feature engineering with principal component analysis The concept of model stacking, using k-means as a featurization technique Image feature extraction with manual and deep-learning techniques

Homo Deus - Yuval Noah Harari 2017-02-21
Official U.S. edition with full color illustrations throughout. NEW YORK TIMES BESTSELLER Yuval Noah Harari, author of the critically-acclaimed New York Times bestseller and international phenomenon Sapiens, returns with an equally original, compelling, and provocative book, turning his focus toward humanity's future, and our quest to upgrade humans into gods. Over the past century humankind has managed to do the impossible and rein in famine, plague, and war. This may seem hard to accept, but, as Harari explains in his trademark style—thorough, yet riveting—famine, plague and war have been transformed from incomprehensible and uncontrollable forces of nature into manageable challenges. For the first

time ever, more people die from eating too much than from eating too little; more people die from old age than from infectious diseases; and more people commit suicide than are killed by soldiers, terrorists and criminals put together. The average American is a thousand times more likely to die from binging at McDonalds than from being blown up by Al Qaeda. What then will replace famine, plague, and war at the top of the human agenda? As the self-made gods of planet earth, what destinies will we set ourselves, and which quests will we undertake? Homo Deus explores the projects, dreams and nightmares that will shape the twenty-first century—from overcoming death to creating artificial life. It asks the fundamental questions: Where do we go from here? And how will we protect this fragile world from our own destructive powers? This is the next stage of evolution. This is Homo Deus. With the same insight and clarity that made Sapiens an international hit and a New York Times bestseller, Harari maps out our future.

Fundamentals of Game Development - Heather Chandler 2011-08-24

What is a game? -- The game industry -- Roles on the team -- Teams -- Effective communication -- Game production overview -- Game concept -- Characters, setting, and story -- Game requirements -- Game plan -- Production cycle -- Voiceover and music -- Localization -- Testing and code releasing -- Marketing and public relations.

Richard Baxter and the Mechanical Philosophers - David S. Sytsma 2017

Richard Baxter, one of the 17th century's most famous Puritans, is known as an author of devotional literature. But he was also skilled in medieval philosophy. In this work, David Sytsma draws on largely unexamined works to present a chronogolical and thematic account of Baxter's relation to the people and concepts involved in the rise of mechanical philosophy in late-17th-century England

The Builder - 1902

Metals Abstracts - 1982

Projets Architecturaux Économisant L'énergie - Canada. Department of Public Works 1980

Encyclopædia of Religion and Ethics: Suffering-Zwingli - James Hastings 1922

Scope: theology, philosophy, ethics of various religions and ethical systems and relevant portions of anthropology, mythology, folklore, biology, psychology, economics and sociology.

Deus Destroyed - George Elison 1988

'George Elison's exuberant style, his amazing polyglot skills, and his overwhelming erudition make for fascinating reading. I believe this work will be accepted as a major contribution not just to this phase of history in Japan and the history o the Christian church but also other broader and very up-to-date problems of the meeting of cultures.'

The News in Engineering at the Ohio State University College of Engineering - Ohio State University. Engineering Experiment Station 1932