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1964 NASA Authorization
Xlibris Corporation
This book is a revision,
with greatly expanded
inclusion criteria, of the
1993 African American
Generals and Flag Officers:
Biographies of Over 120
Blacks in the United States
Military. It offers detailed,
career-oriented summaries
for men and women who
often overcame societal
obstacles to become
ranking members of the
armed forces. Persons
from all branches are now
included (Army, Navy, Air
Force and Marine Corps),
as well as the National
Guard and Reserves.

Geothermal Energy

McFarland

A book on Grammar

Hearings Springer Nature

Climate change will lead to many
changes in global development
and security especially energy,
water, food, society, job,
diplomacy, culture, economy and
trade. The Intergovernmental

Panel on Climate Change
(IPCC) defines climate change as:

“ Any change in climate over
time, whether due to natural
variability or as a result of
human activity. ” Global climate
change has emerged as a key
issue in both political and
economic arenas. It is an
increasingly questioned
phenomenon, and progressive
national governments around the
world have started taking action
to respond to these
environmental concerns. This
book discusses the issue of food
and water security in India under
the context of climate change. It
provides information to scientists
and local government to help

them better understand the particularities of the local climate. It offers insight into the changes to natural ecosystems which have affected the local Indian population. Climate change is one of the biggest challenges to Indian society. It can lead to serious impacts on production, life and the environment. Higher temperatures and sea level rise can lead to flooding and cause water salinity problems which bring about negative effects on agriculture and high risks to industry and socio-economic systems in the future.

Black American Military Leaders Springer Nature

The book features research papers presented at the International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2018) held at the University of Engineering & Management, Kolkata, India, on February 23–25, 2018. It comprises high-

quality research by academics and industrial experts in the field of computing and communication, including full-length papers, research-in-progress papers, case studies related to all the areas of data mining, machine learning, IoT and information security.

English Grammar At A Glance
Proceedings of the 2nd International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications

This book gathers selected high-quality research papers presented at the Seventh International Congress on Information and Communication Technology, held at Brunel University, London, on February 21 – 24, 2022. It discusses emerging topics pertaining to information and communication technology (ICT) for managerial applications, e-governance, e-agriculture, e-education and computing technologies, the Internet of

Things (IoT) and e-mining.

Written by respected experts and researchers working on ICT, the book offers a valuable asset for young researchers involved in advanced studies. The work is presented in four volumes.

Harvard Magazine Universal-Publishers

Volume is indexed by Thomson Reuters BCI (WoS). A forum of researchers, educators and engineers involved in various aspects of Machine Design provided the inspiration for this collection of peer-reviewed papers. The resultant dissemination of the latest research results, and the exchange of views concerning the future research directions to be taken in this field will make the work of immense value to all those having an interest in the topics covered. The book reflects the cooperative efforts made in seeking out the best strategies for effecting improvements in the quality and the reliability of machines and machine parts and for extending their fields of application.

Fundamentals of Machine

Design Springer Nature
"Directory of members, constitution and by-laws of the Society of American military engineers. 1935" inserted in v. 27.

Engineer Memoirs: Lieutenant General Arthur G. Trudeau, USA, Retired CRC Press
This book presents the select proceedings of the International Conference on Recent Advances in Manufacturing (RAM 2020). This volume, in particular, provides insights into current research trends and opportunities within the manufacturing processes domain such as conventional and unconventional manufacturing, micro and nano manufacturing, chemical and biochemical manufacturing, and computer-integrated manufacturing (CIM). The topics covered include emerging areas of the fourth industrial revolution such as additive manufacturing, sustainable and energy-efficient

manufacturing, smart manufacturing, artificial intelligence in manufacturing application, and computer-integrated manufacturing. This book will be useful for to researchers and practitioners alike.

ICT Systems and Sustainability Xlibris Corporation

This edited book is comprised of original research that focuses on technological advancements for effective teaching with an emphasis on learning outcomes, ICT trends in higher education, sustainable developments and digital ecosystem in education, management and industries. The contents of the book are classified as; (i) Emerging ICT Trends in Education, Management and Innovations (ii) Digital Technologies for advancements in education, management and IT (iii) Emerging Technologies for Industries and Education, and (iv) ICT Technologies for

Intelligent Applications. The book represents a useful tool for academics, researchers, industry professionals and policymakers to share and learn about the latest teaching and learning practices supported by ICT. It also covers innovative concepts applied in education, management and industries using ICT tools.

Engineering Fundamentals: An Introduction to Engineering, SI Edition Springer

This book contains original, peer-reviewed research articles from the Second International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications, held in March 28-29th 2021 at CMR Institute of Technology, Hyderabad, Telangana India. It covers the latest research trends and developments in areas of machine learning, artificial intelligence, neural networks, cyber-physical systems, cybernetics, with emphasis on applications in smart cities,

Internet of Things, practical data science and cognition. The book focuses on the comprehensive tenets of artificial intelligence, machine learning and deep learning to emphasize its use in modelling, identification, optimization, prediction, forecasting and control of future intelligent systems. Submissions were solicited of unpublished material, and present in-depth fundamental research contributions from a methodological/application perspective in understanding artificial intelligence and machine learning approaches and their capabilities in solving a diverse range of problems in industries and its real-world applications.

Sustainable Energy and Technological Advancements

Elsevier

The book proposes new technologies and discusses future solutions for ICT design infrastructures, and includes high-quality submissions

presented at the Third International Conference on ICT for Sustainable Development (ICT4SD 2018), held in Goa, India on 30 – 31 August 2018. The conference stimulated cutting-edge research discussions among pioneering researchers, scientists, industrial engineers, and students from all around the world. Bringing together experts from different countries, the book focuses on innovative issues at an international level.

Tropical Agriculturist CRC Press

This legendary, still-relevant reference text on aircraft stress analysis discusses basic structural theory and the application of the elementary principles of mechanics to the analysis of aircraft structures. 1950 edition.

Indian Journal of Forestry

Cengage Learning

Provides transcripts of interviews with 12 employees in

various offices of the the U.S. Army Corps of Engineers Northwestern Division to illuminate the nature of Federal efforts to improve communication between the governments.

Proceedings of the 2nd International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications Springer Nature Sustainability and mobile computing embraces a wide range of Information and Communication Technologies [ICT] in recent times. This book focuses more on the recent research and development works in almost all the facets of sustainable, ubiquitous computing and communication paradigm. The recent research efforts on this evolving paradigm help to advance the technologies for next-generation, where socio-economic growth and sustainability poses significant challenges to the computing and communication infrastructures. The main purpose of this book is to promote the technical advances and impacts of

sustainability and mobile computing to the informatics research. The key strands of this book include green computing, predictive models, mobility, data analytics, mobile computing, optimization, Quality of Service [QoS], new communicating and computing frameworks, human computer interaction, Artificial Intelligence [AI], communication networks, risk management, Ubiquitous computing, robotics, smart city and applications. The book has also addressed myriad of sustainability challenges in various computing and information processing infrastructures.

Proceedings of Seventh International Congress on Information and Communication Technology DIANE Publishing Industrial Applications of Nanocrystals provides an overview of the properties and industrial applications of nanocrystalline materials. Nanocrystals are a major driver of technology and business in this century and hold the

promise of high-performance materials that will significantly affect all aspects of society. Likewise, nanocrystals are driving development and innovation in numerous manufacturing sectors. However, complications keep nanocrystals from making a greater impact on manufacturing. The lack of information as well as the possibility of adverse influences on the environment, human health, safety, and sustainability are still major challenges. This book addresses these challenges for the use of nanomaterials in major manufacturing sectors. The aim of this book is to deliver advances in the use of nanocrystals across various industrial sectors. Chapter topics include approaches to the synthesis and green synthesis of nanocrystals, and the applications of nanocrystals in the pharmaceutical, biomedical, environmental, catalysis, electrochemical energy storage

device, and emerging industries. Outlines major properties and industrial applications of nanocrystals for a variety of industrial sectors Describes the major processing techniques for nanocrystals Assesses the major challenges to manufacturing nanocrystals on an industrial scale
Proceedings of the Multi-Conference 2011 Wiley
Proceedings of the 2nd International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications Springer Nature
Directory Trans Tech Publications Ltd
The International Conference on Signals, Systems and Automation (ICSSA 2011) aims to spread awareness in the research and academic community regarding cutting-edge technological advancements revolutionizing the world. The main emphasis of this conference is on dissemination of information,

experience, and research results on the current topics of interest through in-depth discussions and participation of researchers from all over the world. The objective is to provide a platform to scientists, research scholars, and industrialists for interacting and exchanging ideas in a number of research areas. This will facilitate communication among researchers in different fields of Electronics and Communication Engineering. The International Conference on Intelligent System and Data Processing (ICISD 2011) is organized to address various issues that will foster the creation of intelligent solutions in the future. The primary goal of the conference is to bring together worldwide leading researchers, developers, practitioners, and educators interested in advancing the state of the art in computational intelligence and data processing for exchanging knowledge that encompasses a

broad range of disciplines among various distinct communities. Another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working in India and abroad. Introduction to Aerospace Structural Analysis Springer Nature This book proposes new technologies and discusses future solutions for ICT design infrastructures, as reflected in high-quality papers presented at the 7th International Conference on ICT for Sustainable Development (ICT4SD 2022), held in Goa, India, on 29 – 30 July 2022. The book covers the topics such as big data and data mining, data fusion, IoT programming toolkits and frameworks, green communication systems and network, use of ICT in smart cities, sensor networks and embedded system, network and

information security, wireless and optical networks, security, trust, and privacy, routing and control protocols, cognitive radio and networks, and natural language processing. Bringing together experts from different countries, the book explores a range of central issues from an international perspective.

Army R, D & A. Courier Corporation

This book presents select proceedings of 2nd International Conference on Recent Advances in Manufacturing (RAM 2021).

The book provides insights into the current research trends and development in manufacturing processes.

The topics covered include conventional and nonconventional manufacturing processes, micro and nano manufacturing processes, chemical and biochemical manufacturing, additive

manufacturing, smart manufacturing, and sustainable and energy-efficient manufacturing. The contributions presented here are intended to stimulate new research directions in the manufacturing domain. This book will be useful for the beginners, researchers and professionals working in the area of industrial and production engineering and allied fields.

College of Engineering, 1994
Alumni Directory Springer

This book focuses on the usage of geothermal energy in countries with low-enthalpy reservoirs. It begins with the fundamentals of geothermal energy and classification of geothermal resources and their importance, including enhanced geothermal systems (EGS). Further, it discusses the creation, production, potential assessment, perspective analysis, life cycle, and environmental assessments of EGS. It describes applications in

the field of geothermal energy with relevant case studies and introduces the application of machine learning techniques in the field of geothermal sectors.

Features: Focuses on the development of low- to moderate-enthalpy geothermal resources

Introduces machine learning tools and artificial intelligence as applied to geothermal energy Provides an

understanding of geothermal energy resources and EGS

Discusses the possibility of EGS using spallation and laser drilling

Includes stimulation methods (thermal, hydraulic, chemical, and explosive) and case studies This

book is aimed at researchers and graduate students in geology, clean energy, geothermal energy, and thermal engineering.