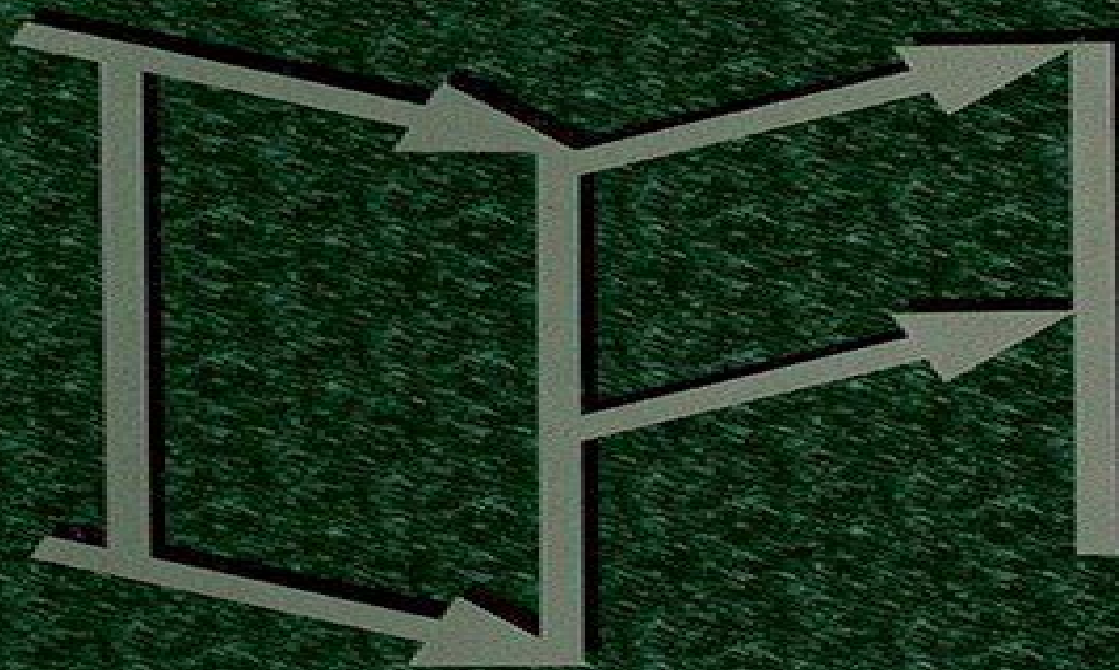


ADVANCES IN COMPUTING TECHNIQUES

Algorithms, Databases and Parallel Processing



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Advances In Computing Techniques

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Advances In Computing Techniques:

Advanced Computing Techniques: Implementation, Informatics and Emerging Technologies Deepak Kumar, Saru Dhir, 2021-10-12 A variety of computing techniques have been developed in recent times in combination with emerging technologies. Such techniques coupled with an increase in computing power has given credence to an information based paradigm in many fields also termed as informatics. Informatics computing has evolved into complex structures of heterogeneous methods involving multiple data processing applications. Research on new technologies also brings new tools to use along with continuous improvements in existing tools. This reference presents contributions that cover emerging computing techniques and their implementation in computer science, informatics and engineering as well as other important topics that are often discussed in the modern computing environment. Chapters in this book are contributed by researchers, academicians and industry experts and inform readers about current computer technologies and applications. The topics covered in the book include online privacy, internet gaming disorder, epidemiological modelling including COVID 19, computer security and malware detection, document sentiment analysis and project management. This book is an interesting update on new trends in computing techniques and applications for readers interested in the latest developments in computer science.

Advanced Computing Techniques for Optimization in Cloud H S Madhusudhan, Punit Gupta, Pradeep Singh Rawat, 2024-09-11 This book focuses on the current trends in research and analysis of virtual machine placement in a cloud data center. It discusses the integration of machine learning models and metaheuristic approaches for placement techniques. Taking into consideration the challenges of energy efficient resource management in cloud data centers, it emphasizes upon computing resources being suitably utilised to serve application workloads in order to reduce energy utilisation while maintaining apt performance. This book provides information on fault tolerant mechanisms in the cloud and provides an outlook on task scheduling techniques. Focuses on virtual machine placement and migration techniques for cloud data centers. Presents the role of machine learning and metaheuristic approaches for optimisation in cloud computing services. Includes application of placement techniques for quality of service performance and reliability improvement. Explores data center resource management, load balancing and orchestration using machine learning techniques. Analyses dynamic and scalable resource scheduling with a focus on resource management. The text is for postgraduate students, professionals and academic researchers working in the fields of computer science and information technology.

Advanced Computer Techniques in Applied Electromagnetics Andrzej Krawczyk, Sławomir Wiak, Ivo Doležel, 2008 Includes contributions on electromagnetic fields in electrical engineering which intends at joining theory and practice. This book helps the world wide electromagnetic community both academic and engineering in understanding electromagnetism itself and its application to technical problems.

Progress in Intelligent Computing Techniques: Theory, Practice, and Applications Pankaj Kumar Sa, Manmath Narayan Sahoo, M. Murugappan, Yulei Wu, Banshidhar Majhi, 2017-08-03 The book focuses on both theory and

applications in the broad areas of communication technology computer science and information security This two volume book contains the Proceedings of 4th International Conference on Advanced Computing Networking and Informatics This book brings together academic scientists professors research scholars and students to share and disseminate information on knowledge and scientific research works related to computing networking and informatics to discuss the practical challenges encountered and the solutions adopted The book also promotes translation of basic research into applied investigation and convert applied investigation into practice

Advances in Computers ,2012-07-20 Since its first volume in 1960 Advances in Computers has presented detailed coverage of innovations in computer hardware software theory design and applications It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow As a result many articles have become standard references that continue to be of significant lasting value in this rapidly expanding field In depth surveys and tutorials on new computer technology Well known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science

Advances in Computer Science and Engineering Matthias Schmidt,2011-03-22 The book Advances in Computer Science and Engineering constitutes the revised selection of 23 chapters written by scientists and researchers from all over the world The chapters cover topics in the scientific fields of Applied Computing Techniques Innovations in Mechanical Engineering Electrical Engineering and Applications and Advances in Applied Modeling

Advances In Computing Techniques: Algorithms, Databases And Parallel Processing H Imai,Kia Fock Loe,1996-01-11 This proceedings collects papers in the areas of computer algorithms databases and parallel processing The papers were presented by very prominent computer scientists from Japan and Singapore invited to a three days JSPS NUS seminar held in Singapore on Dec 94

Advanced Computing Techniques Deepak Kumar,Saru Dhir,2021

Advanced Computing Technologies and Applications Hari Vasudevan,Antonis Michalas,Narendra Shekokar,Meera Narvekar,2021-05-21 This book features selected papers presented at the 2nd International Conference on Advanced Computing Technologies and Applications held at SVKM s Dwarkadas J Sanghvi College of Engineering Mumbai India from 28 to 29 February 2020 Covering recent advances in next generation computing the book focuses on recent developments in intelligent computing such as linguistic computing statistical computing data computing and ambient applications

International Books in Print (Japan),1900

Emerging Technologies in Computing Pramod Kumar,R. Sharmila,Anuradha Tomar,2021 Emerging Technologies in Computing reviews the past current and future needs of emerging technologies in the computer science field and discusses the importance of appropriate practices and advances as well as their impact It outlines principles challenges and applications as well as issues involved in the digital age Key Features includes high quality research work by academics and industrial experts in the field of computing includes case studies related to Artificial Intelligence Blockchain Internet of Things Multimedia Big data Blockchain Augmented reality

IoT concept the need for using soft computing techniques has become more significant than ever In general soft computing methods are closely similar to biological processes than traditional techniques which are mostly based on formal logical systems such as sentential logic and predicate logic or rely heavily on computer aided numerical analysis Soft computing techniques are anticipated to complement each other The aim of these techniques is to accept imprecision uncertainties and approximations to get a rapid solution However recent advancements in representation soft computing algorithms fuzzy logic evolutionary computation machine learning and probabilistic reasoning generate a more intelligent and robust system providing a human interpretable low cost approximate solution Soft computing based algorithms have demonstrated great performance to a variety of areas including multimedia retrieval fault tolerance system modelling network architecture Web semantics big data analytics time series biomedical and health informatics etc Soft computing approaches such as genetic programming GP support vector machine firefly algorithm SVM FFA artificial neural network ANN and support vector machine wavelet SVM Wavelet have emerged as powerful computational models These have also shown significant success in dealing with massive data analysis for large number of applications All the researchers and practitioners will be highly benefited those who are working in field of computer engineering medicine biology application signal processing and mechanical engineering This book is a good collection of state of the art approaches for soft computing based applications to various engineering fields It is very beneficial for the new researchers and practitioners working in the field to quickly know the best performing methods They would be able to compare different approaches and can carry forward their research in the most important area of research which has direct impact on betterment of the human life and health This book is very useful because there is no book in the market which provides a good collection of state of the art methods of soft computing based models for multimedia retrieval fault tolerance system modelling network architecture Web semantics big data analytics time series and biomedical and health informatics

Advances in Computer and Computational Sciences Sanjiv K. Bhatia, Krishn K. Mishra, Shailesh Tiwari, Vivek Kumar Singh, 2017-10-04 Exchange of information and innovative ideas are necessary to accelerate the development of technology With advent of technology intelligent and soft computing techniques came into existence with a wide scope of implementation in engineering sciences Keeping this ideology in preference this book includes the insights that reflect the Advances in Computer and Computational Sciences from upcoming researchers and leading academicians across the globe It contains high quality peer reviewed papers of International Conference on Computer Communication and Computational Sciences ICCCS 2016 held during 12-13 August 2016 in Ajmer India These papers are arranged in the form of chapters The content of the book is divided into two volumes that cover variety of topics such as intelligent hardware and software design advanced communications power and energy optimization intelligent techniques used in internet of things intelligent image processing advanced software engineering evolutionary and soft computing security and many more This book helps the perspective readers from computer industry and academia to derive

the advances of next generation computer and communication technology and shape them into real life applications

Artificial Intelligence Techniques for Advanced Computing Applications D. Jude Hemanth,G. Vadivu,M.

Sangeetha,Valentina Emilia Balas,2020-07-23 This book features a collection of high quality research papers presented at the International Conference on Advanced Computing Technology ICACT 2020 held at the SRM Institute of Science and Technology Chennai India on 23 24 January 2020 It covers the areas of computational intelligence artificial intelligence machine learning deep learning big data and applications of artificial intelligence in networking IoT and bioinformatics

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probabilistic solutions. 1.4. Road Map ... Los amos de Mexico (Spanish... by Jorge Zepeda Patterson Los amos de Mexico (Spanish Edition) [Jorge Zepeda Patterson] on Amazon.com. *FREE* shipping on qualifying offers. Los amos de Mexico (Spanish Edition) Los amos de México.(3ra edición 2016) (Spanish Edition) Los amos de México.(3ra edición 2016) (Spanish Edition) [Zepeda Patterson, Jorge] on Amazon.com. *FREE* shipping on qualifying offers. Los amos de México. Los Amos de Mexico = The Owners of Mexico (Paperback) Description. The Lords of Mexico-interesting read on the richest families in Mexico and how they became succesful. Product Details. ISBN: 9789703707171 Los amos de Mexico (Spanish Edition) - Softcover Los amos de Mexico (Spanish Edition) by Jorge Zepeda Patterson - ISBN 10: 9703707173 - ISBN 13: 9789703707171 - Giron Books - 2008 - Softcover. Los Amos de Mexico = The Owners of Mexico Los Amos de Mexico = The Owners of Mexico | The Lords of Mexico-interesting read on the richest families in Mexico and how they became succesful. Los Amos - Desde Mexico Mix Los Amos de Mexico = The Owners of Mexico The Lords of Mexico-interesting read on the richest families in Mexico and how they became succesful. Product Details. Price. \$15.95 \$14.83. Los amos de México Los amos de México | WorldCat.org. Los amos de Mexico (Spanish Edition), Jorge Zepeda Los amos de Mexico (Spanish Edition), Jorge Zepeda ; Quantity. 1 available ; Item Number. 354683170984 ; Book Title. Los amos de Mexico (Spanish Edition) ; Language. Feeling Good: The New Mood Therapy: David D. Burns This book focuses on the cognitive side of things, teaching you how to improve your mood by learning how to think more clearly and more realistically about your ... Feeling Good: The New Mood Therapy by David D. Burns This book focuses on the cognitive side of things, teaching you how to improve your mood by learning how to think more clearly and more realistically about your ... Feeling Good | The website of David D. Burns, MD You owe it ... Feeling Great includes all the new TEAM-CBT techniques that can melt away therapeutic resistance and open the door to ultra-rapid recovery from depression and ... Feeling Good: The New Mood Therapy by David D. Burns The good news is that anxiety, guilt, pessimism, procrastination, low self-esteem, and other "black holes" of depression can be cured without drugs. Feeling Good: The New Mood Therapy Feeling Good, by Dr. David Burns M.D., is the best self-help book I have ever read. #1. This books spans all the relevant information that can produce happiness ... Feeling Good: The New Mood Therapy Feeling Good: The New Mood Therapy is a book written by David D. Burns, first published in 1980, that popularized cognitive behavioral therapy (CBT). Books | Feeling Good Feeling Good - The New Mood Therapy Dr. Burns describes how to combat feelings of depression so you can develop greater self-esteem. This best-selling book ... Feeling Good: The New Mood Therapy Handle hostility and criticism. Overcome addiction to love and approval. Build self-esteem. Feel good everyday. Feeling Good The New Mood Therapy by David D. Burns ... Description: In clear, simple language, Feeling Good outlines a drug-free cure for anxiety, guilt, pessimism, procrastination, low self-esteem and other ... Feeling Good Podcast | TEAM-CBT - The New Mood ... This podcast features David D. Burns MD, author of "Feeling Good, The New Mood Therapy," describing powerful new techniques to overcome depression and ...