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# Prof Kaveh Ali Iran University Of Science Technology

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The Long Shadow of World War II

Scientia Iranica

Iran in the Middle East

Iran's Relation With Pakistan

Intelligent Circuits and Systems

Proceedings of the 8th International Conference on Civil Engineering

The Politics of Nationalism in Modern Iran

Intelligent Systems and Computer Technology

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November 21-25, 1988, Bangalore, India

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## **CARLEE KANE**

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*The Long Shadow of World War II* IOS  
Press

This book presents the so-called Shuffled Shepherd Optimization Algorithm (SSOA), a recently developed meta-heuristic algorithm by authors. There is always limitations on the resources to be used in the construction. Some of the resources used in the buildings are also

detrimental to the environment. For example, the cement utilized in making concrete emits carbon dioxide, which contributes to the global warming. Hence, the engineers should employ resources efficiently and avoid the waste. In the traditional optimal design methods, the number of trials and errors used by the designer is limited, so there is no guarantee that the optimal design can be found for structures. Hence, the deigning method should be changed, and the computational algorithms should

be employed in the optimum design problems. The gradient-based method and meta-heuristic algorithms are the two different types of methods used to find the optimal solution. The gradient-based methods require gradient information. Also, these can easily be trapped in the local optima in the nonlinear and complex problems. Therefore, to overcome these issues, meta-heuristic algorithms are developed. These algorithms are simple and can get out of the local optimum by easy means. However, a single meta-heuristic algorithm cannot find the optimum results in all types of optimization problems. Thus, civil engineers develop different meta-heuristic algorithms for their optimization problems. Different applications of the SSOA are provided.

The simplified and enhanced versions of the SSOA are also developed and efficiently applied to various optimization problems in structures. Another special feature of this book consists of the use of graph theoretical force method as analysis tool, in place of traditional displacement approach. This has reduced the computational time to a great extent, especially for those structures having smaller DSI compared to the DKI. New framework is also developed for reliability-based design of frame structures. The algorithms are clearly stated such that they can simply be implemented and utilized in practice and research.

Scientia Iranica Springer Nature  
Recent developments in soft-computation techniques have paved the

way for handling huge volumes of data, thereby bringing about significant changes and technological advancements. This book presents the proceedings of the 3rd International Conference on Emerging Current Trends in Computing & Expert Technology (COMET 2020), held at Panimalar Engineering College, Chennai, India on 6 and 7 March 2020. The aim of the book is to disseminate cutting-edge developments taking place in the technological fields of intelligent systems and computer technology, thereby assisting researchers and practitioners from both institutions and industry to upgrade their knowledge of the latest developments and emerging areas of study. It focuses on technological innovations and trendsetting initiatives

to improve business values, optimize business processes and enable inclusive growth for corporates, industries and education alike. The book is divided into two sections; 'Next Generation Soft Computing' is a platform for scientists, researchers, practitioners and academics to present and discuss their most recent innovations, trends and concerns, as well as the practical challenges encountered in the field. The second section, 'Evolutionary Networking and Communications' focuses on various aspects of 5G communications systems and networking, including cloud and virtualization solutions, management technologies, and vertical application areas. It brings together the latest technologies from all over the world, and also provides an excellent international

forum for the sharing of knowledge and results from theory, methodology and applications in networking and communications. The book will be of interest to all those working in the fields of intelligent systems and computer technology.

Iran in the Middle East Oxford & IBH Publishers

Optimal analysis is defined as an analysis that creates and uses sparse, well-structured and well-conditioned matrices. The focus is on efficient methods for eigensolution of matrices involved in static, dynamic and stability analyses of symmetric and regular structures, or those general structures containing such components. Powerful tools are also developed for configuration processing, which is an

important issue in the analysis and design of space structures and finite element models. Different mathematical concepts are combined to make the optimal analysis of structures feasible. Canonical forms from matrix algebra, product graphs from graph theory and symmetry groups from group theory are some of the concepts involved in the variety of efficient methods and algorithms presented. The algorithms elucidated in this book enable analysts to handle large-scale structural systems by lowering their computational cost, thus fulfilling the requirement for faster analysis and design of future complex systems. The value of the presented methods becomes all the more evident in cases where the analysis needs to be repeated hundreds or even thousands of

times, as for the optimal design of structures by different metaheuristic algorithms. The book is of interest to anyone engaged in computer-aided analysis and design and software developers in this field. Though the methods are demonstrated mainly through skeletal structures, continuum models have also been added to show the generality of the methods. The concepts presented are not only applicable to different types of structures but can also be used for the analysis of other systems such as hydraulic and electrical networks.

*Iran's Relation With Pakistan* Univ of California Press

The first full-length study of Iranian nationalism in nearly five decades, this sophisticated and challenging book by

the distinguished historian Ali M. Ansari explores the idea of nationalism in the creation of modern Iran. It does so by considering the broader developments in national ideologies that took place following the emergence of the European Enlightenment and showing how these ideas were adopted by a non-European state. Ansari charts a course through twentieth-century Iran, analysing the growth of nationalistic ideas and their impact on the state and demonstrating the connections between historiographical and political developments. In so doing, he shows how Iran's different regimes manipulated ideologies of nationalism and collective historical memory to suit their own ends. Drawing on hitherto untapped sources, the book concludes that it was the

revolutionary developments and changes that occurred during the first half of the twentieth century that paved the way for later radicalisation.

*Intelligent Circuits and Systems*

International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies

Iran's interaction with its neighbours is a topic of wide interest. But while many historical studies of the country concentrate purely on political events and high-profile actors, this book takes the opposite approach: writing history from below, it instead focuses on the role of everyday lives. Modern Iranian historiography has been dominated by ideas of nationalism, modernization, religion, autocracy, revolution and war. Iran in the Middle East adds new

dimensions to the study of four crucial areas of Iranian history: the events and impact of the Constitutional Revolution, Iran's transnational connections, the social history of Iran and developments in historiography.

**Proceedings of the 8th International Conference on Civil Engineering**

Routledge

This volume includes over 30 chapters, written by experts from around the world. It examines numerous management strategies for dealing with drought and scarcity. These strategies include management approaches for different regions, such as coastal, urban, rural, and agricultural areas. It offers multiple strategies for monitoring, assessing, and forecasting drought through the use of remote sensing and



GIS tools. It also presents drought mitigation management strategies, such as groundwater management, rainwater harvesting, conservations practices, and more.

The Politics of Nationalism in Modern Iran Cambridge University Press

ICICS-2020 is the third conference initiated by the School of Electronics and Electrical Engineering at Lovely Professional University that explored recent innovations of researchers working for the development of smart and green technologies in the fields of Energy, Electronics, Communications, Computers, and Control. ICICS provides innovators to identify new opportunities for the social and economic benefits of society. This conference bridges the gap between academics and R&D

institutions, social visionaries, and experts from all strata of society to present their ongoing research activities and foster research relations between them. It provides opportunities for the exchange of new ideas, applications, and experiences in the field of smart technologies and finding global partners for future collaboration. The ICICS-2020 was conducted in two broad categories, Intelligent Circuits & Intelligent Systems and Emerging Technologies in Electrical Engineering.

Springer Science & Business Media  
The achievements and biographical details of nearly 1,500 key researchers and practitioners in the fields of computational mechanics, applied mathematics, computer science, artificial intelligence, aerospace,

aeronautical, chemical, civil, environmental, mechanical, and structural engineering are included in this directory.

Intelligent Systems and Computer Technology Diplomica Verlag

While most books examine only the classical aspects of hydrology, this three-volume set covers multiple aspects of hydrology, and includes contributions from experts from more than 30 countries. It examines new approaches, addresses growing concerns about hydrological and ecological connectivity, new quantitative and qualitative managing techniques

Iran's Troubled Modernity Cambridge University Press

International Transaction Journal of Engineering, Management, & Applied

Sciences & Technologies publishes a wide spectrum of research and technical articles as well as reviews, experiments, experiences, modelings, simulations, designs, and innovations from engineering, sciences, life sciences, and related disciplines as well as interdisciplinary/cross-disciplinary/multidisciplinary subjects. Original work is required. Article submitted must not be under consideration of other publishers for publications.

ITJEMAST 11(5) 2020 LIT Verlag Münster  
This book presents select proceedings of the 8th International Conference on Water Resource and Environment (WRE 2022) which is held in Xi'an, China, November 1-4, 2022. The book covers a wide range of topics, including

Hydraulics, Hydrology and Water Resources Engineering, Environmental Engineering and Sustainability, Indoor Environments, Risk Analysis, Safety and Security, Ocean and Offshore Engineering; Ships and Floating Structures, Coastal Engineering. It will be useful for researchers and engineers working in water and environment related fields.

Who's Who in Computational Science

and Engineering Springer Nature  
Defining Iran presents a new and revealing analysis of the way in which Iranian political discourses compete with each other by examining them within the framework of national identity construction. By deconstructing the intellectual roots and development of Iranian national identity, Shabnam

Holliday advocates the need to study Iran's heritage and historical experience to understand key shifts and processes in contemporary Iranian politics. Holliday convincingly argues that competing discourses of national identity advocated by political figures from Musaddiq to the current administration demonstrate a politics of resistance to both internal and external forces. With a particular emphasis on Khatami's presidency, this study compares the meanings attached by significant members of the Iranian political elite to concepts including Iran's pre-Islamic heritage, Islamic heritage, civilization, 'democracy' and the 'West'. Furthermore, discourses of Iranian national identity exist not in isolation but rather as part of a continuous process construction and reconstruction in Iran's

journey of political development; a process manifested so vividly in the revolution of 1979 and the fallout from the 2009 presidential election. Defining Iran simultaneously furthers our understanding of the conceptualization of national identity both generally and specifically in the case of Iran and political dynamics which shape contemporary Iran.

*Vom Kinosaal in die Galerie: Formen der Verwandlung der Kino,,sthetik in die Kunst,,sthetik in den Installationen von Shirin Neshat* Springer Nature

This second edition of the highly acclaimed and successful first edition, deals primarily with the analysis of structural engineering systems, with applicable methods to other types of structures. The concepts presented in

the book are not only relevant to skeletal structures but can equally be used for the analysis of other systems such as hydraulic and electrical networks. The book has been substantially revised to include recent developments and applications of the algebraic graph theory and matroids.

*Nomads in Postrevolutionary Iran*  
Springer Nature

Recent developments in the fields of intelligent computing and communication have paved the way for the handling of current and upcoming problems and brought about significant technological advancements. This book presents the proceedings of IConIC 2021, the 4th International Conference on Intelligent Computing, held on 26 and 27 March 2021 in Chennai, India. The

principle objective of the annual IConIC conference is to provide an international scientific forum where participants can exchange innovative ideas in relevant fields and interact in depth through discussion with their peer group. The theme of the 2021 conference and this book is 'Smart Intelligent Computing and Communication Technology', and the 109 papers included here focus on the technological innovations and trendsetting initiatives in medicine, industry, education and security that are improving and optimizing business and technical processes and enabling inclusive growth. The papers are grouped under 2 headings: Evolution of Computing Intelligence; and Computing and Communication, and cover a broad range of intelligent-computing research

and applications. The book provides an overview of the cutting-edge developments and emerging areas of study in the technological fields of intelligent computing, and will be of interest to researchers and practitioners from both academia and industry. *Tehran Blues* Springer Nature International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies publishes a wide spectrum of research and technical articles as well as reviews, experiments, experiences, modelings, simulations, designs, and innovations from engineering, sciences, life sciences, and related disciplines as well as interdisciplinary/cross-disciplinary/multidisciplinary subjects. Original work is required. Article

submitted must not be under consideration of other publishers for publications.

### Defining Iran CRC Press

The first English translation of a strange and unusual Persian epic, this action-packed tale of an evil, monstrous king explores questions of nature and nurture and brings the global middle ages to life. The great Persian epic known as the *Kushnameh* follows the entangled lives of Kush the Tusker—a monstrous antihero with tusks and ears like an elephant, descended from the evil emperor Zahhak—and Abtin, the exiled grandson of the last true Persian emperor. Abandoned at birth in the forests of China and raised by Abtin, Kush grows into a powerful and devious warrior. Kush and his foes scheme and

wage war across a global stage reaching from Spain and Africa to China and Korea. Between epic battles and magnificent feasts are disturbing, sometimes realistic portrayals of abuse and oppression and philosophical speculation about nature and nurture and the origins of civilization. A fantastical adventure story stretching across the known world and a literary classic of unparalleled richness, this important work of medieval Persian literature is a valuable source for understanding the history of racism and constructions of race and the flows of lore and legend from the Central Asian Silk Road and the Sahara to the sea routes of the Indian Ocean and the Mediterranean. The *Kushnameh* is a treasure trove of Islamic and pre-Islamic

Persian cultural history and a striking contemporary document of the “global middle ages,” now available to English-speaking readers for the first time.

**Smart Intelligent Computing and Communication Technology** Springer Nature

This text combines concepts of graph theory and matrix algebra to present powerful tools for the analysis of large-scale structures. In this third edition, Kaveh (Iran University of Science and Technology, Tehran) develops approaches for the analysis of large-scale systems, and provides new material on vector spaces associated with graphs, algorithm

**Handbook of Engineering Hydrology** Research Studies Press Limited  
Examining the rapid transition in Iran

from a modernizing, westernizing, secularizing monarchy (1941-79) to a hard-line, conservative, clergy-run Islamic republic (1979-), this book focuses on the ways this process has impacted the Qashqa’i—a rural, nomadic, tribally organized, Turkish-speaking, ethnic minority of a million and a half people who are dispersed across the southern Zagros Mountains. Analysing the relationship between the tribal polity and each of the two regimes, the book goes on to explain the resilience of the people’s tribal organizations, kinship networks, and politicized ethnolinguistic identities to demonstrate how these structures and ideologies offered the Qashqa’i a way to confront the pressures emanating from the two central governments. Existing

scholarly works on politics in Iran rarely consider Iranian society outside the capital of Tehran and beyond the reach of the details of national politics. Local-level studies on Iran—accounts of the ways people actually lived—are now rare, especially after the revolution. Based on long-term anthropological research, *Nomads in Postrevolutionary Iran* provides a unique insight into how national-level issues relate to the local level and will be of interest to scholars and researchers in Anthropology, Iranian Studies and Middle Eastern Studies. ITJEMAST 12(5) 2021 Frontiers Media SA Thema dieses Buches sind Formen der Verwandlung der Film„sthetik in die Kunst„sthetik in den Installationen von Shirin Neshat. Die Untersuchung f„ngt bei ihren ersten Fotografien der Serie

WOMEN OF ALLAH an und reicht bis zu ihrer letzten Installationsreihe WOMEN WITHOUT MEN. Das Kunstst„ck, zuerst f„rs Museum geschaffen, war die Grundlage f„r ihren ersten Kinofilm unter dem gleichen Titel. Shirin Neshat orientiert sich in ihren Arbeiten an der Frauenliteratur aus dem persischen Raum wie Forough Farrokhzad und Shahnush Parispur, Autorinnen, die aufgrund ihrer feministischen Werke verbannt wurden und ihr Land verlassen mussten. Neshat sch„pft aus dem Reichtum der persischen Kultur und Geschichte und schafft somit eine neue Form des Kinos in der westlichen Welt, die Hamid Dabashi mit "accendet cinema" bezeichnet. Ausgangspunkt dieser Untersuchung war die Frage, unter welchen Bedingungen K„nstler



schaffen, die ihren Kulturkreis verlassen und sich in einer anderen Kultur einfinden. Bei Shirin Neshat war das der kulturelle Schock, den sie in ihrem eigenen Land nach einer 17-jährigen Abwesenheit erlebt hatte. Die Veränderungen nach der Revolution 1979 hinterließen eindeutige Spuren: Verbote und Gebote, mit denen das persische Königreich in die Islamische Republik Iran umgewandelt wurde. Neshat entschied sich aufgrund dessen, für ihre künstlerische Laufbahn doch nach Amerika zurückzukehren, wo sie als Folge ihre Fotoserie WOMEN OF ALLAH schuf und schnell an Popularität gewann. Die Studie beschäftigt sich mit der künstlerischen und filmischen Ästhetik, die sich durch die einzelnen Schaffensperioden der Künstlerin

konstant durchzieht.

International Symposium: Innovative Applications of Shells and Spatial Forms, November 21-25, 1988, Bangalore, India  
CRC Press

This book examines the unintended consequences of top-down reforms in Iran, analysing how the Iranian reformist governments (1997–2005) sought to utilise gradual reforms to control independent activism, and how citizens responded to such a disciplinary action. While the governments successfully ‘set the field’ of permitted political participation, part of the civil society that took shape was unexpectedly independent. Despite being a minority, independent activists were not marginal: without them, in fact, the Green Movement of 2009 would not have taken

shape. Building on in-depth empirical analysis, the author explains how autonomous activism forms and survives in a semi-authoritarian country. The book contributes to the debate about the

implications of elite-led reforms for social reproduction, offering an innovative interpretation and an original analysis of social movements from a political science perspective.

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