



Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering)

By Madan M. Gupta

Download now

Read Online 

Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta

The field of soft computing is emerging from the cutting edge research over the last ten years devoted to fuzzy engineering and genetic algorithms. The subject is being called soft computing and computational intelligence. With acceptance of the research fundamentals in these important areas, the field is expanding into direct applications through engineering and systems science.

This book cover the fundamentals of this emerging filed, as well as direct applications and case studies. There is a need for practicing engineers, computer scientists, and system scientists to directly apply "fuzzy" engineering into a wide array of devices and systems.

 [Download Soft Computing and Intelligent Systems: Theory and ...pdf](#)

 [Read Online Soft Computing and Intelligent Systems: Theory a ...pdf](#)

Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering)

By Madan M. Gupta

Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta

The field of soft computing is emerging from the cutting edge research over the last ten years devoted to fuzzy engineering and genetic algorithms. The subject is being called soft computing and computational intelligence. With acceptance of the research fundamentals in these important areas, the field is expanding into direct applications through engineering and systems science.

This book cover the fundamentals of this emerging filed, as well as direct applications and case studies. There is a need for practicing engineers, computer scientists, and system scientists to directly apply "fuzzy" engineering into a wide array of devices and systems.

Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta Bibliography

- Sales Rank: #8738322 in Books
- Published on: 1999-10-29
- Original language: English
- Number of items: 1
- Dimensions: 10.29" h x 1.33" w x 7.27" l, 2.94 pounds
- Binding: Hardcover
- 639 pages

 [Download Soft Computing and Intelligent Systems: Theory and ...pdf](#)

 [Read Online Soft Computing and Intelligent Systems: Theory a ...pdf](#)

Download and Read Free Online Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta

Editorial Review

From the Back Cover

"The past few years have witnessed a growing recognition of the centrality of soft computing as a principal component of methodologies that underlie the conception, design, construction and utilization of information/intelligent systems. Soft Computing and Intelligent System makes an important contribution to a better understanding of the basics of soft computing and is an authoritative exposition of the principal tools of soft computing and their applications" Lofti Zadeh, University of California, Berkeley.

Soft computing is a new, emerging discipline rooted in a group of technologies that aim to exploit the tolerance for imprecision and uncertainty in achieving solutions to complex problems. Over recent years information and intelligent systems, which form the core of modern technology, have become extremely variable and have greatly increased in complexity. Engineers, mathematicians and computer scientists can no longer rely on one single method or tool to deal with them. This book deals with the major methodologies that make up the emerging field of soft computing; fuzzy logic, neuro-computing, evolutionary computing, probabilistic computing and machine learning theory.

In Soft Computing and Intelligent Systems, the editors invited and edited contributions from 44 world-renowned researchers to complete the 25 chapters of this book. The reader receives a complete range of coverage of soft computing with the book divided into the following sections: foundations, theory, implications and applications, and future perspectives.

About the Author

Madan M. Gupta is a Professor of Engineering at the University of Saskatchewan and Director of the Intelligent Systems Research Laboratory. Professor Gupta is a Fellow of the IEEE and a Fellow of the SPIE. He is the author of numerous books in the areas of fuzzy logic, fuzzy control, neural systems and control systems and the author or co-author of more than 650 research publications. In addition to numerous honors and awards, in 1998 Dr. Gupta received the prestigious Kaufman Prize Gold Medal for research in the field of fuzzy logic.

Naresh K. Sinha is Professor Emeritus and Adjunct Professor in the Department of Electrical and Computer Engineering at McMaster University where he has previously served as department chairman and as the Director of Instructional Computing in the Faculty of Engineering. Professor Sinha is a Life Fellow of the IEEE and is a Registered Professional Engineer in the Province of Ontario, Canada. His current research interests are in the areas of adaptive control, system modeling and identification, robotics, intelligent control systems and industrial applications of modern control theory.

Users Review

From reader reviews:

Cora Gallien:

This Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) are generally reliable for you who want to certainly be a successful person, why. The key reason why of this Soft Computing and Intelligent Systems: Theory and Applications (Academic Press

Series in Engineering) can be among the great books you must have is usually giving you more than just simple reading food but feed a person with information that possibly will shock your prior knowledge. This book is actually handy, you can bring it almost everywhere and whenever your conditions in e-book and printed types. Beside that this Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) forcing you to have an enormous of experience for example rich vocabulary, giving you tryout of critical thinking that we know it useful in your day action. So , let's have it and revel in reading.

Heather Reader:

Hey guys, do you really wants to finds a new book to read? May be the book with the concept Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) suitable to you? The actual book was written by well-known writer in this era. The book untitled Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering)is one of several books that will everyone read now. This kind of book was inspired many men and women in the world. When you read this book you will enter the new way of measuring that you ever know previous to. The author explained their strategy in the simple way, thus all of people can easily to be aware of the core of this guide. This book will give you a wide range of information about this world now. In order to see the represented of the world with this book.

Elizabeth Bello:

You can spend your free time to study this book this e-book. This Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) is simple to create you can read it in the playground, in the beach, train as well as soon. If you did not possess much space to bring the actual printed book, you can buy often the e-book. It is make you simpler to read it. You can save the particular book in your smart phone. So there are a lot of benefits that you will get when you buy this book.

Kyra Franson:

Is it an individual who having spare time and then spend it whole day by simply watching television programs or just lying on the bed? Do you need something new? This Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) can be the respond to, oh how comes? A book you know. You are consequently out of date, spending your extra time by reading in this brand new era is common not a geek activity. So what these books have than the others?

Download and Read Online Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta #I95D6N3MZH0

Read Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta for online ebook

Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta books to read online.

Online Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta ebook PDF download

Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta Doc

Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta Mobipocket

Soft Computing and Intelligent Systems: Theory and Applications (Academic Press Series in Engineering) By Madan M. Gupta EPub