Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5)

From Jim W Kay

Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay

In the area where statistics and neural networks meet there has been rapid growth in active research and the number of applications in which the resulting techniques can be used. Interest is growing as companies discover important and lucrative applications of the research to complex problems in areas of engineering, computer science, finance, and other subjects. This book gives up-to-the-minute coverage on the research developing at this interface, drawing together contributions by leading workers in the two fields. Their contributions show a strong awareness of the common ground of these two subjects and of the advantages to be gained by taking this wider perspective. Topics that are covered include: non-linear approaches to discriminant analysis, techniques for optimizing predictions, approaches to the analysis of latent structure, including probabilistic principal component analysis, density networks and the use of multiple latent variables, and a substantial chapter outlining techniques and their application in industrial case-studies. This volume is an authoritative voice on the current status, importance of applications, and directions for future research in this area of synergistic science and will be an invaluable resource for those presently working in statistics and neural computing.

[⬇] **Download** Statistics and Neural Networks: Advances at the In ...pdf

[▤] **Read Online** Statistics and Neural Networks: Advances at the ...pdf

Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5)

From Jim W Kay

Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay

In the area where statistics and neural networks meet there has been rapid growth in active research and the number of applications in which the resulting techniques can be used. Interest is growing as companies discover important and lucrative applications of the research to complex problems in areas of engineering, computer science, finance, and other subjects. This book gives up-to-the-minute coverage on the research developing at this interface, drawing together contributions by leading workers in the two fields. Their contributions show a strong awareness of the common ground of these two subjects and of the advantages to be gained by taking this wider perspective. Topics that are covered include: non-linear approaches to discriminant analysis, techniques for optimizing predictions, approaches to the analysis of latent structure, including probabilistic principal component analysis, density networks and the use of multiple latent variables, and a substantial chapter outlining techniques and their application in industrial case-studies. This volume is an authoritative voice on the current status, importance of applications, and directions for future research in this area of synergistic science and will be an invaluable resource for those presently working in statistics and neural computing.

Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay Bibliography

- Rank: #6667194 in Books
- Brand: Jim W Kay
- Published on: 2000-04-06
- Original language: English
- Number of items: 1
- Dimensions: 9.30" h x .80" w x 6.40" l, 1.38 pounds
- Binding: Hardcover
- 280 pages

Download and Read Free Online Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay

Editorial Review

Review

"In recent years, there has been a growing awareness of the common ground between neural networks and statistics. This volume contains eight sophisticated papers that probe this interdisciplinary research. . .This collection of rigorous research papers should be a valuable resource for theoretical neural-network modelers."--*Journal of Mathematical Psychology*

About the Author
J. W. Kay is at University of Glasgow. D. M. Titterington is at University of Glasgow.

Users Review

From reader reviews:

Jo Daigneault:

As people who live in typically the modest era should be up-date about what going on or information even knowledge to make these keep up with the era that is certainly always change and move forward. Some of you maybe will certainly update themselves by reading books. It is a good choice in your case but the problems coming to anyone is you don't know which you should start with. This Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) is our recommendation to cause you to keep up with the world. Why, because book serves what you want and wish in this era.

Diana Castillo:

Reading can called head hangout, why? Because when you find yourself reading a book specially book entitled Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) the mind will drift away trough every dimension, wandering in most aspect that maybe unfamiliar for but surely can become your mind friends. Imaging every single word written in a publication then become one contact form conclusion and explanation in which maybe you never get previous to. The Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) giving you another experience more than blown away your thoughts but also giving you useful info for your better life with this era. So now let us demonstrate the relaxing pattern at this point is your body and mind are going to be pleased when you are finished examining it, like winning a game. Do you want to try this extraordinary wasting spare time activity?

Mary Barker:

Do you have something that you prefer such as book? The reserve lovers usually prefer to pick book like comic, small story and the biggest one is novel. Now, why not striving Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) that give your pleasure preference will be satisfied through reading this book. Reading practice all over the world can be said as the means for people to know world considerably better then how they react towards the world. It can't be said constantly that reading addiction only for the geeky person but for all of you who wants to become success person. So , for every you who want to start reading as your good habit, you are able to pick Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) become your current starter.

Janice Smith:

Beside this specific Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) in your phone, it may give you a way to get nearer to the new knowledge or details. The information and the knowledge you may got here is fresh from the oven so don't end up being worry if you feel like an old people live in narrow community. It is good thing to have Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) because this book offers for you readable information. Do you oftentimes have book but you would not get what it's facts concerning. Oh come on, that will not end up to happen if you have this in your hand. The Enjoyable blend here cannot be questionable, similar to treasuring beautiful island. Use you still want to miss that? Find this book along with read it from right now!

Download and Read Online Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay #VR5JUFH6K7W

Read Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay for online ebook

Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay 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 Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay books to read online.

Online Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay ebook PDF download

Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay Doc

Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay Mobipocket

Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay EPub

VR5JUFH6K7W: Statistics and Neural Networks: Advances at the Interface (Royal Statistical Society Lecture Notes Series, 5) From Jim W Kay