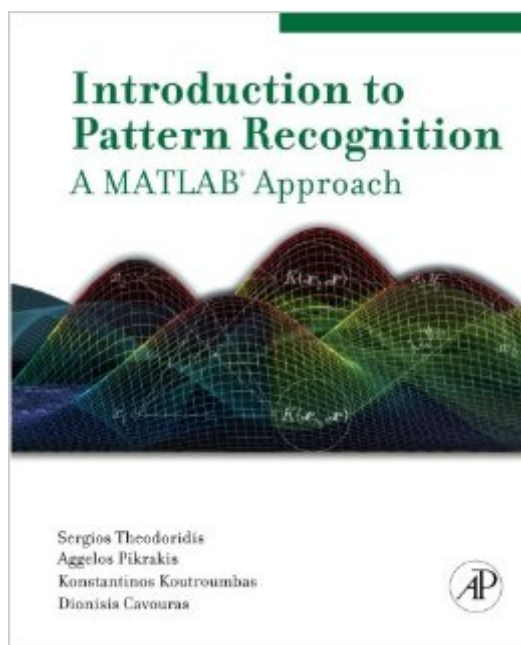# The book was found

Introduction To Pattern Recognition: A Matlab Approach

Synopsis

An accompanying manual to Theodoridis/Koutroumbas, Pattern Recognition, that includes Matlab code of the most common methods and algorithms in the book, together with a descriptive summary and solved examples, and including real-life data sets in imaging and audio recognition. *Matlab code and descriptive summary of the most common methods and algorithms in Theodoridis/Koutroumbas, Pattern Recognition 4e.*Solved examples in Matlab, including real-life data sets in imaging and audio recognition*Available separately or at a special package price with the main text (ISBN for package: 978-0-12-374491-3)

Book Information

Paperback: 231 pages

Publisher: Academic Press; 1 edition (March 31, 2010)

Language: English

ISBN-10: 0123744865

ISBN-13: 978-0123744869

Product Dimensions: 7.5 x 0.5 x 9.2 inches

Shipping Weight: 15.2 ounces (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 starsÂ Â See all reviewsÂ (9 customer reviews)

Best Sellers Rank: #355,457 in Books (See Top 100 in Books)   #60 inÂ Books > Computers & Technology > Computer Science > AI & Machine Learning > Computer Vision & Pattern Recognition   #174 inÂ Books > Computers & Technology > Databases & Big Data > Data Modeling & Design   #248 inÂ Books > Computers & Technology > Databases & Big Data > Data Processing

Customer Reviews

I have the same problem with this book that I have with the main text - everything feels so rushed. It's a very good resource though. I'm glad I bought it. This text with real examples is a must if you've bought the main pattern recognition text by Theo.

I have read the first chapter so far, however i have found that the book is so practical. I have passed machine learning in the school and i can say that this book a good snapshot of that subject. The most important thing is that the book includes lots of matlab codes which really help the readers understand the concept of the application of different classifiers in a practical way by solving vary applicable examples throughout the book.

This book was designed as an accompaniment to Pattern Recognition, Fourth Edition with additional intuitive descriptions of selected algorithms and Matlab-based problems with solutions.This book is not a replacement for any pattern recognition book, because it lacks any real technical depth, but in conjunction with a complete text (I personally like this book's companion, also by Theodoridis) the content of this book can be put to good use for real-world applications.Four stars because although the content is of high quality, the book sparsely covers the diverse subject of pattern classification. If a new edition is released with additional examples that more completely cover Theodoridis's text, that would easily be a 5-star book IMHO.

This book was not required for my Pattern Recognition course but proved to be a beneficial companion to the Pattern Recognition textbook from the same authors. I referenced this book frequently throughout the class and a lot while designing our final assignment for the course.

The codes that come with the book help understanding the subject clearer and faster. You can also modify them to have more intuitive understanding on the subject.

Introduction to Pattern Recognition: A Matlab Approach 300+ Mathematical Pattern Puzzles: Number Pattern Recognition & Reasoning (Improve Your Math Fluency) Practical Pulmonary Pathology: A Diagnostic Approach: A Volume in the Pattern Recognition Series, 2e Using Speech Recognition Software: Dragon NaturallySpeaking and Windows Speech Recognition, Second Edition Genetic Algorithms for Pattern Recognition Optical Pattern Recognition Candlepower: Advanced Candlestick Pattern Recognition and Filtering Techniques for Trading Stocks and Futures Pattern Recognition Flash Cards Practice for Pre-School and Kindergarten Entry Assessment Tests Pattern Recognition and Machine Learning (Information Science and Statistics) Pattern Recognition, Fourth Edition MATLAB: An Introduction with Applications Matlab, Fourth Edition: A Practical Introduction to Programming and Problem Solving Matlab: A Practical Introduction to Programming and Problem Solving Signals and Systems for Bioengineers, Second Edition: A MATLAB-Based Introduction (Biomedical Engineering) The Shirtmaking Workbook: Pattern, Design, and Construction Resources - More than 100 Pattern Downloads for Collars, Cuffs & Plackets Speech and Language Processing: An Introduction to Natural Language Processing, Computational Linguistics and Speech Recognition Model fitting of a bilinear material with genetic algorithm: with Matlab and Opensees MATLAB for Engineers (2nd Edition) Financial Risk Forecasting: The Theory and Practice of Forecasting Market Risk with Implementation in R and Matlab Robotics, Vision and

Control: Fundamental Algorithms in MATLAB (Springer Tracts in Advanced Robotics)