



Pattern Classification (Pt.1)

By Richard O. Duda, Peter E. Hart, David G. Stork

Download now

Read Online ➔

Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork

The first edition, published in 1973, has become a classic reference in the field. Now with the second edition, readers will find information on key new topics such as neural networks and statistical pattern recognition, the theory of machine learning, and the theory of invariances. Also included are worked examples, comparisons between different methods, extensive graphics, expanded exercises and computer project topics.

An Instructor's Manual presenting detailed solutions to all the problems in the book is available from the Wiley editorial department.

↓ [Download Pattern Classification \(Pt.1\) ...pdf](#)

📄 [Read Online Pattern Classification \(Pt.1\) ...pdf](#)

Pattern Classification (Pt.1)

By Richard O. Duda, Peter E. Hart, David G. Stork

Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork

The first edition, published in 1973, has become a classic reference in the field. Now with the second edition, readers will find information on key new topics such as neural networks and statistical pattern recognition, the theory of machine learning, and the theory of invariances. Also included are worked examples, comparisons between different methods, extensive graphics, expanded exercises and computer project topics.

An Instructor's Manual presenting detailed solutions to all the problems in the book is available from the Wiley editorial department.

Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork Bibliography

- Sales Rank: #140829 in Books
- Brand: Brand: Wiley
- Published on: 2000-11-09
- Original language: English
- Number of items: 1
- Dimensions: 10.10" h x 1.30" w x 7.10" l, 2.75 pounds
- Binding: Hardcover
- 680 pages

 [Download Pattern Classification \(Pt.1\) ...pdf](#)

 [Read Online Pattern Classification \(Pt.1\) ...pdf](#)

Editorial Review

Review

"...it provides a good introduction to the subject of Pattern Classification." (*Journal of Classification*, September 2007)

"...a fantastic book! The presentation...could not be better, and I recommend that future authors consider...this book as a role model." (*Journal of Statistical Computation and Simulation*, March 2006)

"...strongly recommended both as a professional reference and as a text for students..." (*Technometrics*, February 2002)

"...provides information needed to choose the most appropriate of the many available technique for a given class of problems." (*SciTech Book News*, Vol. 25, No. 2, June 2001)

"I do not believe anybody wishing to teach or do serious work on Pattern Recognition can ignore this book, as it is the sort of book one wishes to find the time to read from cover to cover!" (*Pattern Analysis & Applications Journal*, 2001)

"This book is the unique text/professional reference for any serious student or worker in the field of pattern recognition." (*Mathematical Reviews*, Issue 2001k)

"...gives a systematic overview about the major topics in pattern recognition, based whenever possible on fundamental principles." (*Zentralblatt MATH*, Vol. 968, 2001/18)

"attractively presented and readable" (*Journal of Classification*, Vol.18, No.2 2001)

From the Back Cover

From the reviews . . .

"The first edition of this book, published 30 years ago by Duda and Hart, has been a defining book for the field of Pattern Recognition. Stork has done a superb job of updating the book. He has undertaken a monumental task of sifting through 30 years of material in a rapidly growing field and presented another snapshot of the field, determining what will be of importance for the next 30 years and incorporating it into this second edition. The style is easy to read as in the original book and the statistical, mathematical material comes alive with many new illustrations. The end result is harmonious, leading the reader through many new topics..."

—Sargur N. Srihari, PhD, Director, Center for Excellence in Document Analysis and Recognition, Distinguished Professor, Department of Computer Science and Engineering, SUNY at Buffalo

Practitioners developing or investigating pattern recognition systems in such diverse application areas as speech recognition, optical character recognition, image processing, or signal analysis, often face the difficult task of having to decide among a bewildering array of available techniques. This unique text/professional reference provides the information you need to choose the most appropriate method for a given class of problems, presenting an in-depth, systematic account of the major topics in pattern recognition today. A new edition of a classic work that helped define the field for over a quarter century, this practical book updates

and expands the original work, focusing on pattern classification and the immense progress it has experienced in recent years. Special features include:

- Clear explanations of both classical and new methods, including neural networks, stochastic methods, genetic algorithms, and theory of learning
- Over 350 high-quality, two-color illustrations highlighting various concepts
- Numerous worked examples
- Pseudocode for pattern recognition algorithms
- Expanded problems, keyed specifically to the text
- Complete exercises, linked to the text
- Algorithms to explain specific pattern-recognition and learning techniques
- Historical remarks and important references at the end of chapters
- Appendices covering the necessary mathematical background

NOTE: Computer Manual in MATLAB to Accompany Pattern Classification, 2e users access toolbox via ftp://ftp.wiley.com/public/sci_tech_med/pattern_classification/ (Note: Visitors will require a password from the Manual to access.)

About the Author

RICHARD O. DUDA, PhD, is Professor in the Electrical Engineering Department at San Jose State University, San Jose, California.

PETER E. HART, PhD, is Chief Executive Officer and President of Ricoh Innovations, Inc. in Menlo Park, California.

DAVID G. STORK, PhD, is Chief Scientist, also at Ricoh Innovations, Inc.

Users Review

From reader reviews:

James Oliver:

Why don't make it to be your habit? Right now, try to ready your time to do the important act, like looking for your favorite book and reading a e-book. Beside you can solve your problem; you can add your knowledge by the reserve entitled Pattern Classification (Pt.1). Try to stumble through book Pattern Classification (Pt.1) as your good friend. It means that it can to be your friend when you experience alone and beside those of course make you smarter than ever. Yeah, it is very fortunated in your case. The book makes you considerably more confidence because you can know almost everything by the book. So , we need to make new experience and knowledge with this book.

Vicki Head:

Does one one of the book lovers? If so, do you ever feeling doubt if you are in the book store? Try and pick one book that you never know the inside because don't assess book by its handle may doesn't work the following is difficult job because you are frightened that the inside maybe not because fantastic as in the outside search likes. Maybe you answer can be Pattern Classification (Pt.1) why because the fantastic cover that make you consider in regards to the content will not disappoint you. The inside or content is usually

fantastic as the outside as well as cover. Your reading 6th sense will directly show you to pick up this book.

Yolanda Nitta:

The book untitled Pattern Classification (Pt.1) contain a lot of information on it. The writer explains the girl idea with easy method. The language is very straightforward all the people, so do not necessarily worry, you can easy to read that. The book was authored by famous author. The author brings you in the new period of time of literary works. You can read this book because you can please read on your smart phone, or model, so you can read the book within anywhere and anytime. If you want to buy the e-book, you can available their official web-site in addition to order it. Have a nice study.

Amy Terrell:

Don't be worry when you are afraid that this book may filled the space in your house, you can have it in e-book method, more simple and reachable. This particular Pattern Classification (Pt.1) can give you a lot of pals because by you checking out this one book you have thing that they don't and make an individual more like an interesting person. This kind of book can be one of one step for you to get success. This book offer you information that probably your friend doesn't learn, by knowing more than different make you to be great people. So , why hesitate? Let's have Pattern Classification (Pt.1).

Download and Read Online Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork #DA0JTYCU59L

Read Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork for online ebook

Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork 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 Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork books to read online.

Online Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork ebook PDF download

Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork Doc

Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork Mobipocket

Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork EPub

DA0JTYCU59L: Pattern Classification (Pt.1) By Richard O. Duda, Peter E. Hart, David G. Stork