



Pattern Recognition Algorithms for Data Mining

By Pabitra Mitra, Sankar K. Pal

CRC Press/Ane Books, 2004. Hardcover. Book Condition: New. Pattern Recognition Algorithms for Data Mining addresses different pattern recognition (PR) tasks in a unified framework with both theoretical and experimental results. Tasks covered include data condensation, feature selection, case generation, clustering/classification, and rule generation and evaluation. This volume presents various theories, methodologies, and algorithms, using both classical approaches and hybrid paradigms. The authors emphasize large datasets with overlapping, intractable, or nonlinear boundary classes, and datasets that demonstrate granular computing in soft frameworks. Organized into eight chapters, the book begins with an introduction to PR, data mining, and knowledge discovery concepts. The authors analyze the tasks of multi-scale data condensation and dimensionality reduction, then explore the problem of learning with support vector machine (SVM). They conclude by highlighting the significance of granular computing for different mining tasks in a soft paradigm. INTRODUCTION Introduction Pattern Recognition in Brief Knowledge Discovery in Databases (KDD) Data Mining Different Perspectives of Data Mining Scaling Pattern Recognition Algorithms to Large Data Sets Significance of Soft Computing in KDD Scope of the Book MULTISCALE DATA CONDENSATION Introduction Data Condensation Algorithms Multiscale Representation of Data Nearest Neighbor Density Estimate Multiscale Data Condensation Algorithm Experimental Results and Comparisons Summary UNSUPERVISED...



READ ONLINE
[5.55 MB]

Reviews

This is an amazing publication i actually have at any time go through. It is actually rally interesting throug reading through period. Its been developed in an exceptionally straightforward way which is merely following i finished reading through this publication where actually altered me, modify the way in my opinion.

-- **Noah Padberg**

It is really an incredible publication that we have possibly study. Of course, it really is engage in, continue to an interesting and amazing literature. You are going to like how the writer compose this publication.

-- **Bailey Lehner**

You May Also Like



[Childrens Book: A Story Book of Friendship \(Childrens Books, Kids Books, Books for Kids, Kids Stories, Stories for Kids, Short Stories for Kids, Children Stories, Childrens Stories, Kids Chapter Books, Kids Kindle\)](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Childrens Book is an incredible story of three friends; Nikky, Sam and Shiela who met at their first day of...



[Mas Esconde Habla Ingles: More English for Spanish-Speaking Kids \(More Hide & Speak Books\) \(Spanish Edition\)](#)

Barron's Educational Series 2008-05-01, 2008. PAPERBACK. Book Condition: New. 0764139576.



[Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts \(Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book\)](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.BONUS - Includes FREE Dog Farts Audio Book for Kids Inside! For a very time limited period you can download...



[Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products](#)

Fair Winds Press, 2006. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by Royal Mail;



[Learning with Curious George Preschool Math](#)

HOUGHTON MIFFLIN, United States, 2012. Paperback. Book Condition: New. Student, Workbook. 279 x 203 mm. Language: English . Brand New Book. There's no better way to ignite your child's curiosity for learning than with Curious George at the ready, and these workbooks...



[Learning with Curious George Preschool Reading](#)

Cengage Learning, Inc, United States, 2012. Paperback. Book Condition: New. Workbook. 267 x 216 mm. Language: English . Brand New Book. There's no better way to ignite your child's curiosity for learning than with Curious George at the ready, and...