



# Pattern Recognition and Intelligent Computing - Matlab technology (2nd edition)

By YANG SHU YING

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 358 Publisher: Electronic Industry Pub. Date :2011-8-1. This book draws extensively from statistics, neural networks, data mining, machine learning, artificial intelligence, swarm intelligence computing disciplines, advanced ideas and theories. It's applied to pattern recognition; to a new system, systematic and comprehensive introduction to the theory of pattern recognition, methods and applications. The book is divided into chapters 14, including: an overview of pattern recognition, feature selection and optimization, pattern similarity measure, based on probability and statistics, Bayesian classifier design, discriminant function classifier design, neural network classifier design (bp nerve networks, radial basis function neural network, white organization, competitive neural networks, probabilistic neural network, counter propagation neural network, the feedback neural network), decision tree classifier design, rough set classifier design, cluster analysis, fuzzy clustering analysis, the tabu search algorithm for cluster analysis, cluster analysis of genetic algorithms, ant colony algorithm for cluster analysis, cluster analysis of particle swarm algorithm. This book is innovative, practical, theoretical and practical applications closely to handwritten numeral recognition for the application example to introduce the theory into practice implementation steps and the corresponding matlab...

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