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Nota di contenuto	Learning Algorithms -- SVM and Kernel Methods -- Statistical Data Analysis -- Pattern Recognition -- Vision -- Speech Recognition -- Robotics and Control -- Signal Processing -- Time-Series Prediction -- Intelligent and Hybrid Systems -- Neural Network Hardware -- Cognitive Science -- Computational Neuroscience -- Special Sessions -- Complex-Valued Neural Networks: Theories and Applications -- Computational Intelligence and Applications -- Emotional Recognition -- Neural Networks for Bio-informatics Applications.

This book constitutes the refereed proceedings of the joint International Conference on Artificial Neural Networks and International Conference on Neural Information Processing, ICANN/ICONIP 2003, held in Istanbul, Turkey, in June 2003. The 138 revised full papers were carefully reviewed and selected from 346 submissions. The papers are organized in topical sections on learning algorithms, support vector machine and kernel methods, statistical data analysis, pattern recognition, vision, speech recognition, robotics and control, signal processing, time-series prediction, intelligent systems, neural network hardware, cognitive science, computational neuroscience, context aware systems, complex-valued neural networks, emotion recognition, and applications in bioinformatics.
