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Soggetti	Artificial intelligence Computer science Computer networks Algorithms Computer science—Mathematics Discrete mathematics Pattern recognition systems Artificial Intelligence Theory of Computation Computer Communication Networks Discrete Mathematics in Computer Science Automated Pattern Recognition
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Theoretical Analysis -- Stability -- Time-Delay Neural Networks -- Machine Learning -- Neural Modeling -- Decision Making Systems.
Sommario/riassunto	The three volume set LNCS 5551/5552/5553 constitutes the refereed proceedings of the 6th International Symposium on Neural Networks, ISSN 2009, held in Wuhan, China in May 2009. The 409 revised papers presented were carefully reviewed and selected from a total of 1.235 submissions. The papers are organized in 20 topical sections on

theoretical analysis, stability, time-delay neural networks, machine learning, neural modeling, decision making systems, fuzzy systems and fuzzy neural networks, support vector machines and kernel methods, genetic algorithms, clustering and classification, pattern recognition, intelligent control, optimization, robotics, image processing, signal processing, biomedical applications, fault diagnosis, telecommunication, sensor network and transportation systems, as well as applications.

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