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Soggetti	Computer science Computer networks Algorithms Computer science—Mathematics Discrete mathematics Artificial intelligence Pattern recognition systems Theory of Computation Computer Communication Networks Discrete Mathematics in Computer Science Artificial Intelligence Automated Pattern Recognition
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Nota di contenuto	Theoretical Analysis -- Model Design -- Learning Methods -- Optimization Methods -- Kernel Methods -- Component Analysis.
Sommario/riassunto	The three volume set LNCS 3496/3497/3498 constitutes the refereed proceedings of the Second International Symposium on Neural Networks, ISSN 2005, held in Chongqing, China in May/June 2005. The 483 revised papers presented were carefully reviewed and selected from 1.425 submissions. The papers are organized in topical sections on theoretical analysis, model design, learning methods, optimization

methods, kernel methods, component analysis, pattern analysis, systems modeling, signal processing, image processing, financial analysis, control systems, robotic systems, telecommunication networks, incidence detection, fault diagnosis, power systems, biomedical applications, industrial applications, and other applications.

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