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Collana	Lecture Notes in Artificial Intelligence ; ; 1437
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Soggetti	Computer communication systems Artificial intelligence Computer science Application software Multimedia information systems Electrical engineering Computer Communication Networks Artificial Intelligence Popular Computer Science Information Systems Applications (incl. Internet) Multimedia Information Systems Communications Engineering, Networks
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Nota di contenuto	A dynamic hierarchy of intelligent agents for network management -- Genetic algorithms as prototyping tools for multi-agent systems: Application to the antenna parameter setting problem -- Scalable service deployment on highly populated networks -- Heterogeneous multi-agent architecture for ATM virtual path network resource configuration -- Routing in telecommunications networks with ant-like agents -- Network configuration management in heterogeneous ATM environments -- Agent-based schemes for plug-and-play network components -- Dynamic resource allocation by market-based routing

in telecommunications networks -- The application of intelligent and mobile agents to the management of software problems in telecommunications -- Distributed fault location in networks using mobile agents -- INCA: An agent-based network control architecture -- Agent metaphors for analysing telematic services -- Multi-agent testbed and an agent launch tool for diverse seamless personal information networking applications -- Agent negotiation for supporting personal mobility -- Development of a Multi-Agent system for cooperative work with network negotiation capabilities -- From interoperability to cooperation: Building intelligent agents on middleware -- Open scalable agent architecture for telecommunication applications.

Sommario/riassunto

This book constitutes the refereed proceedings of the Second International Workshop on Intelligent Agents for Telecommunication Applications, IATA'98, held in Paris, France, in July 1998, in conjunction with the 1998 Agents World Conference. The book presents 17 revised full papers carefully selected for inclusion in the volume. The book is divided into topical sections on network architecture, network configuration and planning, network optimization, network management, agent-based architectures for service applications.
