



## Schwarmintelligenzbasiertes Routing in Mobilen Ad-Hoc-Netzen

By Adrian Heißler

Grin Verlag. Paperback. Condition: New. 56 pages. Dimensions: 11.7in. x 8.3in. x 0.1in. Bachelorarbeit aus dem Jahr 2008 im Fachbereich Informatik - Angewandte Informatik, Note: 1,0, Fachhochschule Technikum Wien, Sprache: Deutsch, Abstract: Mobile Ad Hoc Networks (MANETs) are networks without infrastructure. These kinds of networks consist of wireless mobile nodes which are organized in an autonomous fashion. Due to the highly dynamic topology, the routing problem is a challenging one. Several protocols based on the swarmintelligence paradigm and especially on the ant colony optimization metaheuristic have been proposed. These protocols use ant-like agents to discover and maintain paths in a MANET. In this paper several MANET routing protocols (OLSR, AODV, ARA, PERA, SWARM) will be compared and tested with the NS-2 network simulator. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



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