



RESEARCH ARTICLE

Swarm Intelligence for Network Communication Routing

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Abstract— In communications network research, there is currently an increasing interest for the paradigm of autonomic computing [3]. The idea is that networks are becoming more and more complex and that it is desirable that they can self-organize and self-configure, adapting to new situations in terms of traffic, services, network connectivity, etc. To support this new paradigm, future network algorithms should be robust, work in a distributed way, be able to observe changes in the network, and adapt to them.

Key Terms: - ACO-Ant Colony Optimization; ABC-Ant Based Control; MANET-Mobile Ad hoc Network; AODV-Ad hoc On-demand Distance vector Routing; TABR- Two Ant Based Routing Algorithm

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