

COMPREHENSIVE REVIEW OF SWARM INTELLIGENCE TECHNIQUES FOR LOCATION BASED NETWORKS

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ABSTRACT

The research on Location based networks is tremendously increasing now-a-days which focuses on the security and privacy issues. Also, the constraints or parameters affecting the performance of the network such as energy, bandwidth, and transmission time and so on, are also being considered. Still, there is a need for a lot of research that is to be carried out in this field, where many of the recent activities focus on the techniques of the Swarm Intelligence algorithms. Swarm Intelligence algorithms work on the principle of decentralized, self organizing behavior of swarm agents such as animals. This review paper focuses on these approaches, which are meta heuristic in nature that provides an improvement in the performance of the location based networks in relation to the behavior of the swarm agents.

KEYWORDS: Anonymity, LBS, Nature Inspired Algorithms, Privacy, Swarm Intelligence