



## Ant Colony Optimization

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Inter cluster Ant Colony Optimization and Rendezvous nodes based Mobile Sink in WSN | Wireless sensor networks composed of many small distributed sensor nodes that provide the reliable monitoring. Due to limited battery life of nodes various techniques were not so effective as it causes the early death of some nodes and hence fail to achieve the network suitability periods. The sensor nodes are battery-powered and it become dead after the consumption of the battery which is also called lifetime of Wireless sensor network . Ant Colony Optimization is being widely used in optimizing the network routing protocols. Ant Based Routing can play a significant role in the enhancement of network life time. In this book, Inter-cluster Ant Colony Optimization algorithm is used that relies upon ACO algorithm for routing of data packets in the network and an attempt has been made to minimize the efforts wasted in transferring the redundant data sent by the sensors which lie in the close proximity of each other in in a densely deployed network. | Format: Paperback | Language/Sprache: english | 107 gr | 220x150x3 mm | 68 pp.

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