

SELF-ORGANISATION SCHEMES IN DIFFERENT WIRELESS NETWORKS

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Abstract:

This survey covers self-organisation (SO) approaches in wire-less networks that have been realised over last decade and gives pointers to important references. It scans SO approaches in several sorts of net-works such as user-centric wireless networks, ad hoc/multi-hop mobile ad hoc networks (MANETs), wireless sensor networks, wireless mesh networks and wireless networks for smart devices. It briefly discusses the functionalities of each approach. Finally, it presents taxonomy of SO in wireless networks along with an evaluation of the presented solutions concerning few important parameters which play a vital role for the efficiency of each wireless network. The evaluation helps in the design and implementation of each SO approach.

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