

عنوان مقاله:

Improving the convergence rate of mobile adaptive networks with static target

محل انتشار:

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خلاصه مقاله:

In this paper we investigate the behavior of mobile adaptive networks and the analysis methods for this networks where the network consists of nodes that act as entities that interact on each other and tracking a target while the nodes have harmonious motion and collision avoidance with maintain a safe distance which is called Self-organization . we add mobility as another dimension of network when the nodes move in pursuit/avoidance of a target. we propose an algorithm for improving the convergence rate of network with static target. we also provide stability and mean-square performance analysis of the proposed strategies, with computer simulation to illustrate results

کلمات کلیدی:

networks,convergence,harmonious motion,Self-organization,stability

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