Abstract

Swarm behavior suggests simple methodologies used by agents of swarm to solve complex problems, which using the other optimisation algorithms such as Genetic Algorithms may not be possible to solve. The basic reason behind this is the group behavior in these algorithms. The distributed control mechanism and simple interactive rules can manage the swarm efficiently and effectively. Flocking behavior does not involve central coordination. This paper aims at the review of the Swarm Intelligence algorithms developed so far and its association with flocking model.
References


Index Terms

Computer Science Artificial Intelligences

Keywords

Swarm Intelligence Agents Aco Abc Flocking Pso.