

Genetic algorithm in Wireless Networking: A Review

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The genetic algorithm (GA) is a powerful metaheuristic inspired by the genes selection behavior of the natural human. In addition, it is clear, easy to use, soft, and has a special ability to discover the right balance between the exploration and exploitation strategies during the search, which points to positive convergence. Therefore, the genetic algorithm has recently obtained a very important research concern with the large public from several areas in a very short time. The genetic algorithm has proved its efficiency in wireless network applications since its proposal. In this paper, the genetic algorithm, its operators, and the related wireless networks works that utilized this algorithm are presented.

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