Abstract

Genetic Algorithms are a class of Optimization Techniques which has been developed under inspiration of the Darwinian Theory of Survival of the Fittest. This technique has been successfully used to solve many optimization problems which otherwise pose huge challenges for computation. This paper presents a GA based approach to solve the Minimal Vertex Cover problem of Graph Theory.
References


Index Terms

Computer Science
Bioinformatics

Keywords

Minimal Vertex Cover  Genetic-algorithms  Chromosomes  Mutation  Generations.