Abstract

Genetic algorithm is a population based an adaptive search and optimizations techniques and genetic mimic the natural evolution process. The Genetic operators include selection, crossover and mutation. The aim to present this paper is it gives comparative selection strategies for solving an optimization problem in genetic algorithm and evaluates their performance.
- Dr. Rajib Kumar Bhattacharjya, 2013. "Introduction to Genetic Algorithms".
- Tom V. Mathew, 2013. "Genetic Algorithm".

**Index Terms**

Computer Science  
Artificial Intelligence

**Keywords**

Selection  
Crossover  
Roulette Wheel Selection  
Rank Selection  
Tournament  
Elitism Selection.