

# **REVIEW OF TEN NON-TRADITIONAL OPTIMIZATION TECHNIQUES**

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## **ABSTRACT**

The Paper deals with the theory needed to understand ten nontraditional optimization techniques which are used to find the optimum values for problems. These methods are used to solve both linear and non linear optimization problems and the methods yield global solution. Although various optimization methods have been proposed in recent years, these have not yet been compared suitably. The methods were broadly reviewed.

**KEYWORDS:** Non Traditional Optimization, Genetic Algorithm, Simulated Annealing, Pattern Search, Particle Swarm Optimization, Godlike, Fmincon, Differential Evolution, Direct Algorithm, LGO, Glcluster, Glcsolve