

## Guidelines for Student Reports

# Performance comparison DE vs PSO vs TAGUCHI for benchmark function: Rosenbrock's Valley in [-10:10]

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### Abstract

The aim of the project is to analyze the performances of two evolutionary algorithms (Differential Evolution and Particle Swarm Optimizer) and Taguchi's method when dealing with benchmark functions.

In particular, this project will analyze the performances of both the algorithms for: Rosenbrock's Function in [-10:10]

### Reference Bibliography: Evolutionary Optimization [1]-[53].

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*This report is submitted in partial fulfillment of the degree of the course "OTT".  
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