

Evolutionary Computation

Assignment 3: PWT

Exercise 1

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1 Introduction

In Exercise 1, we are required to Run NSGA-II for 10.000 generations on the benchmark functions ZDT 2 and ZDT 3 with population sizes 10, 100, and 1.000, and then visualise the six final populations.

2 ZDT2 Results

Figure 1 is the last populations of size of 10, 100 and 1000 for ZDT2 problem.

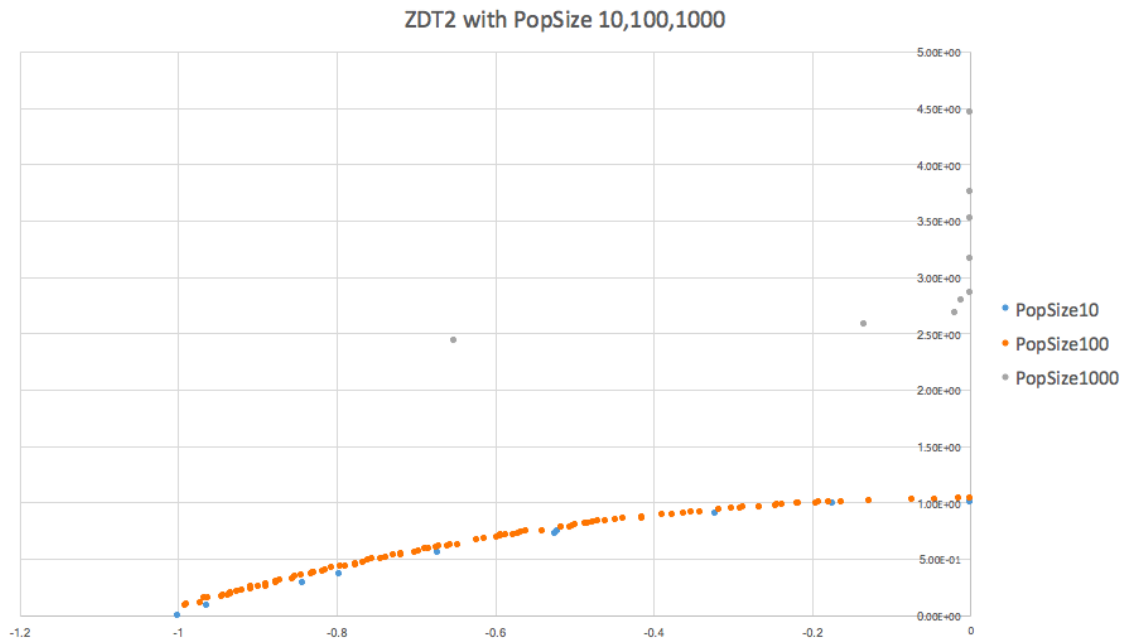


Figure 1: ZDT2 with Population Size of 10, 100 and 1000

3 ZDT3 Results

Figure 2 is the last populations of size of 10, 100 and 1000 for ZDT3 problem.

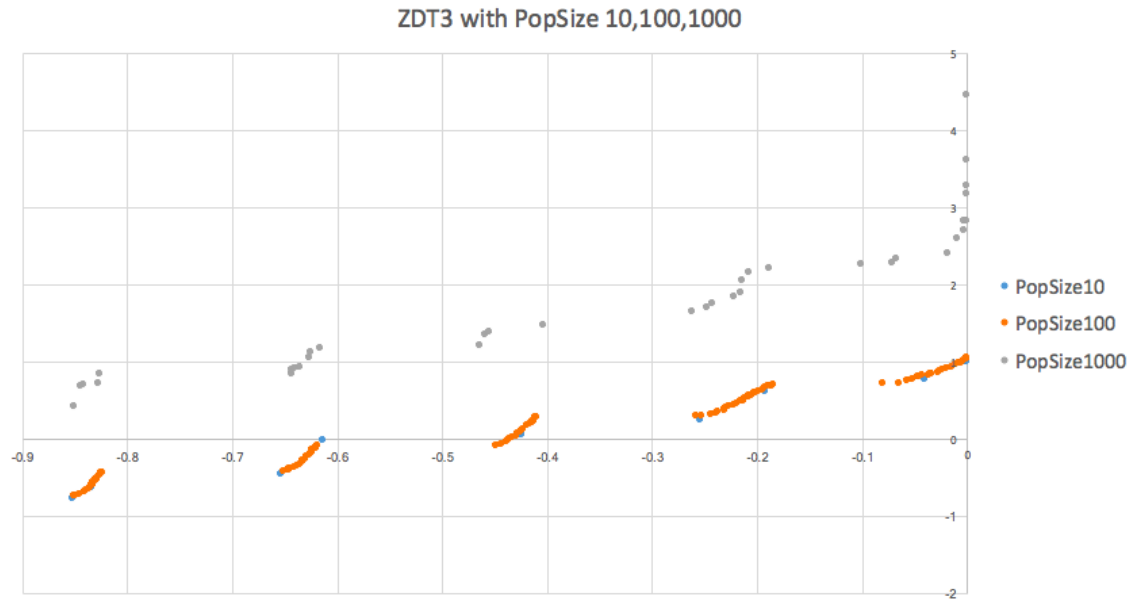


Figure 2: ZDT3 with Population Size of 10, 100 and 1000