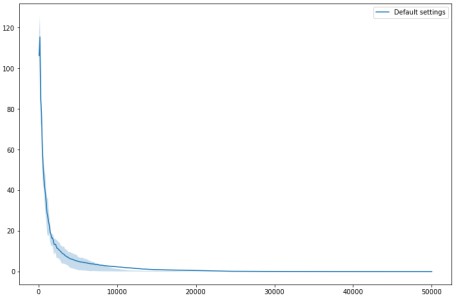
***Assignment 4***

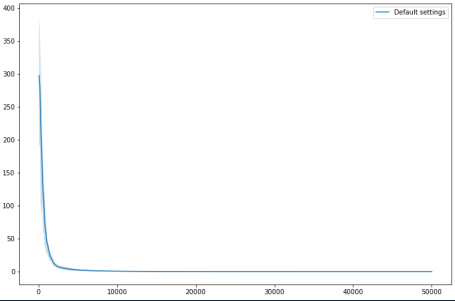
1. Create your own genetic operators (at least one adaptive) for continuous optimization and compare them to the default settings. You do not have to use all the functions from the BBOB benchmark. Select 4-5 of them from different groups.
2. Send me a plot comparing your operators with the default settings for each of the functions you have selected. Try to comment the results with respect to the features of the selected functions.

Without changing the code:

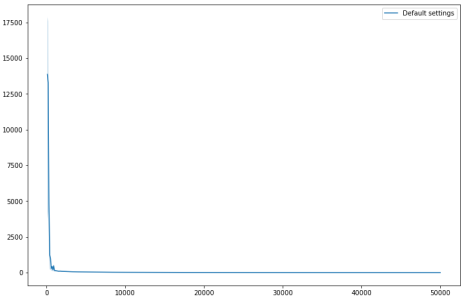
rotated\_ellipsoidal



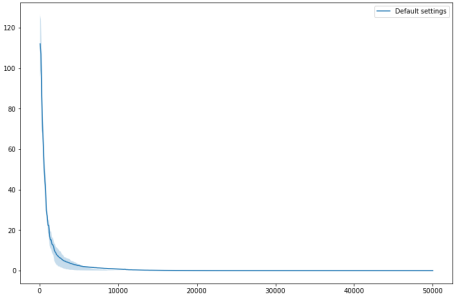
rosenbrock



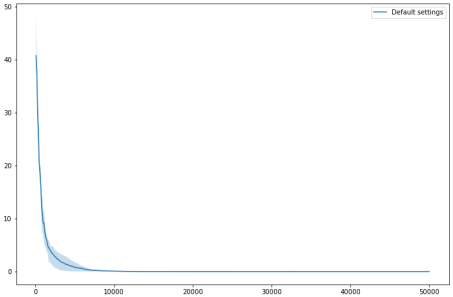
attractive\_sector



ellipsoidal



Sphere



Legend Name -> function

f01 -> sphere

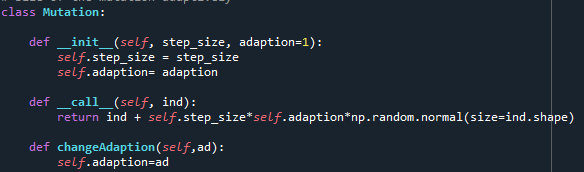
f02 -> ellipsoidal

f06 -> attractive\_sector

f08 -> rosenbrock

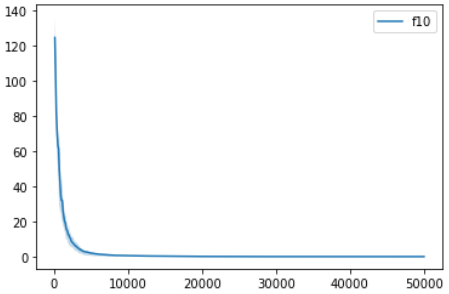
f10 -> rotated\_ellipsoidal

Changing to adaptive mutation code.

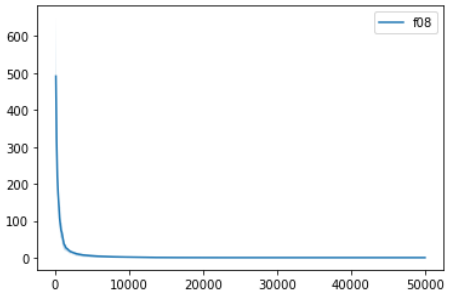




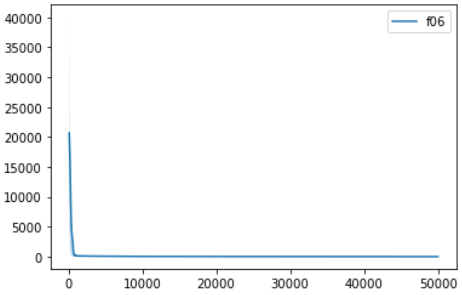
rotated\_ellipsoidal



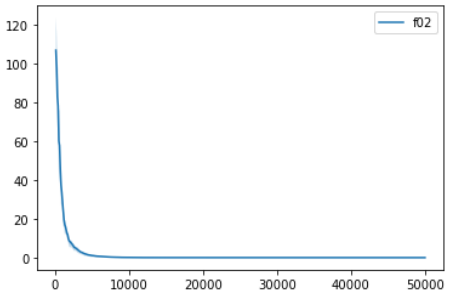
rosenbrock



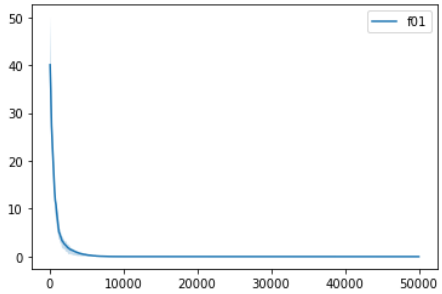
attractive\_sector



ellipsoidal



Sphere



Trialling with the value:



