

# Project 1 - Genetic Algorithm

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## **Abstract**

My Genetic Algorithm works very well. I tested all the crossover methods, except “Permutation”, and I found that Arithmetic crossover is the best to generate the best fitness, then the Uniform crossover, while the 1/2 point(s) crossover are little ineffective. What’s more, I only add the crossover function into subproject 1b, since I’ve prepared the code for writing crossover function. Therefore, most part of the descriptions are similar to last report, please skip to page 5 if you still remember that.