**Report**

1. population\_size = 200, chromosome\_length = 40, crossover\_prob = 0.7, mutation\_rate = 0.07, elitism\_num = 2, max\_generations = 150

A screenshot of a computer screen

Description automatically generated

1. population\_size = 200, chromosome\_length = 40, crossover\_prob = 0.7, mutation\_rate = 0.07, elitism\_num = 2, max\_generations = 150

A number of numbers on a black background

Description automatically generated

1. population\_size = 200, chromosome\_length = 40, crossover\_prob = 0.4, mutation\_rate = 0.03, elitism\_num = 2, max\_generations = 150

A black background with white text

Description automatically generated

1. population\_size = 150, chromosome\_length = 40, crossover\_prob = 0.4, mutation\_rate = 0.03, elitism\_num = 2, max\_generations = 100

A number on a black background

Description automatically generated

1. population\_size = 150, chromosome\_length = 40, crossover\_prob = 0.7, mutation\_rate = 0.07, elitism\_num = 2, max\_generations = 100

A number on a black background

Description automatically generated

1. population\_size = 100, chromosome\_length = 40, crossover\_prob = 0.7, mutation\_rate = 0.07, elitism\_num = 2, max\_generations = 5

A number on a black background

Description automatically generated

1. population\_size = 100, chromosome\_length = 40, crossover\_prob = 0.3, mutation\_rate = 0.01, elitism\_num = 2, max\_generations = 50

A black background with white text

Description automatically generated

1. population\_size = 50, chromosome\_length = 40, crossover\_prob = 0.3, mutation\_rate = 0.01, elitism\_num = 2, max\_generations = 10

A black background with white text

Description automatically generated

1. population\_size = 50, chromosome\_length = 40, crossover\_prob = 0.7, mutation\_rate = 0.07, elitism\_num = 2, max\_generations = 10

A black background with white text

Description automatically generated

1. population\_size = 50, chromosome\_length = 20, crossover\_prob = 0.3, mutation\_rate = 0.01s, elitism\_num = 2, max\_generations = 10

A black background with white text

Description automatically generated