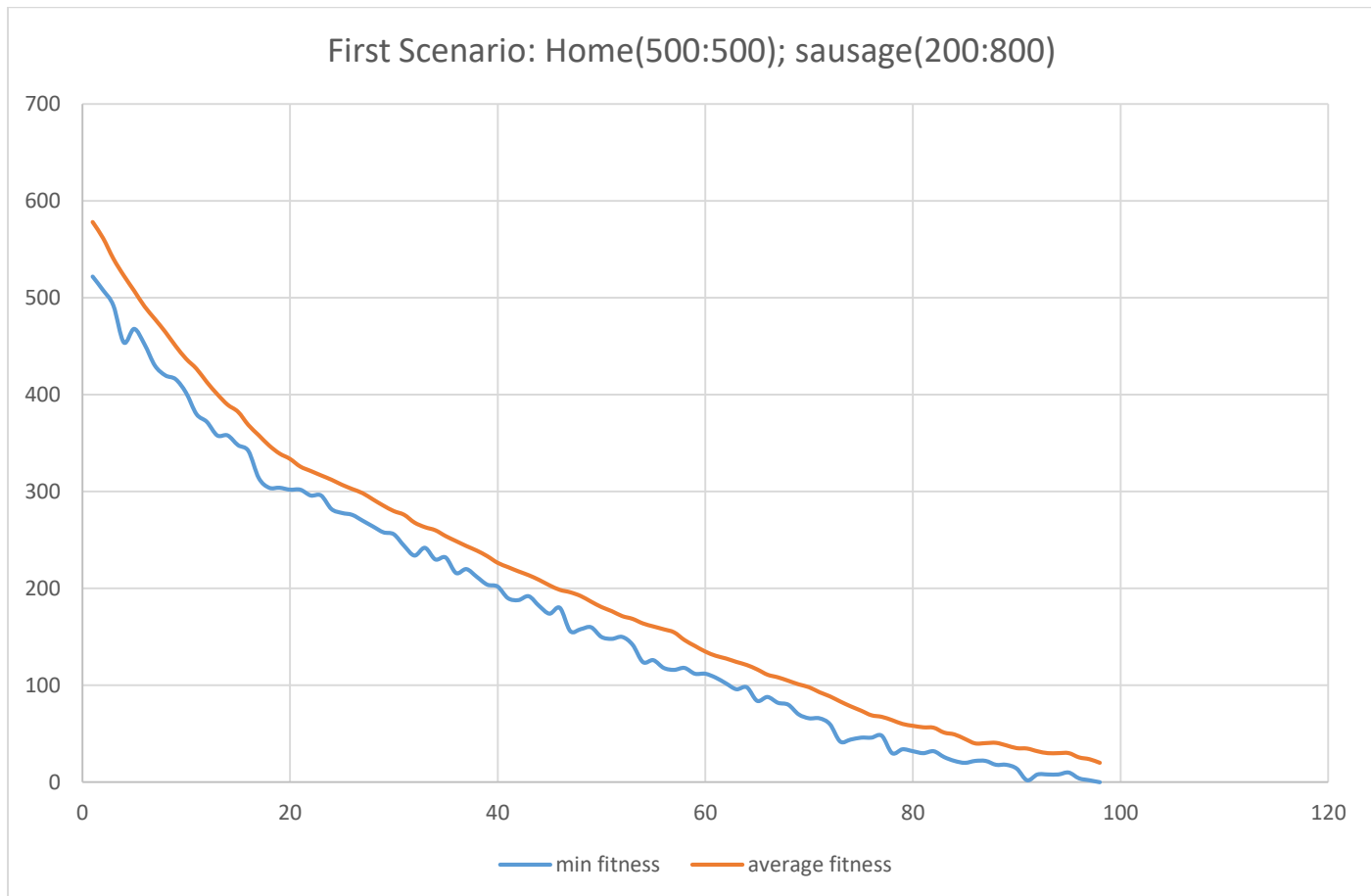


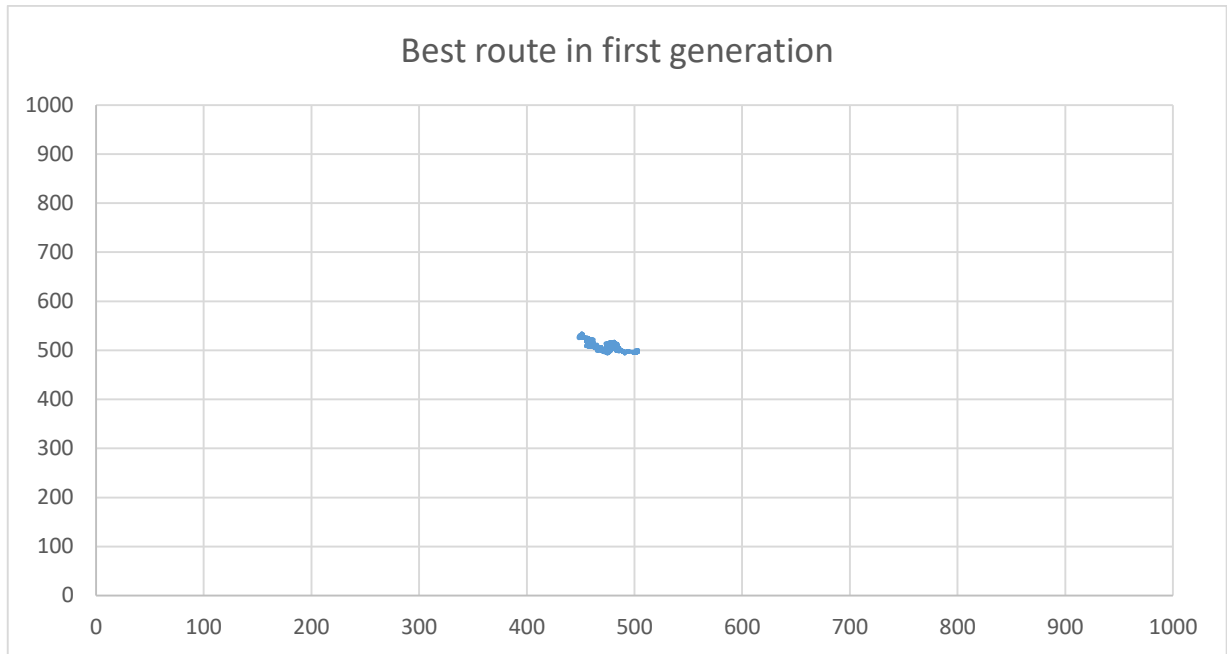
1) First Scenario:

Size of population – 100;
Size of chromosome – 1000;
Mutation percent – 0.01;
Multi -point crossover with 4 crossover random point;
Truncate selection mode;

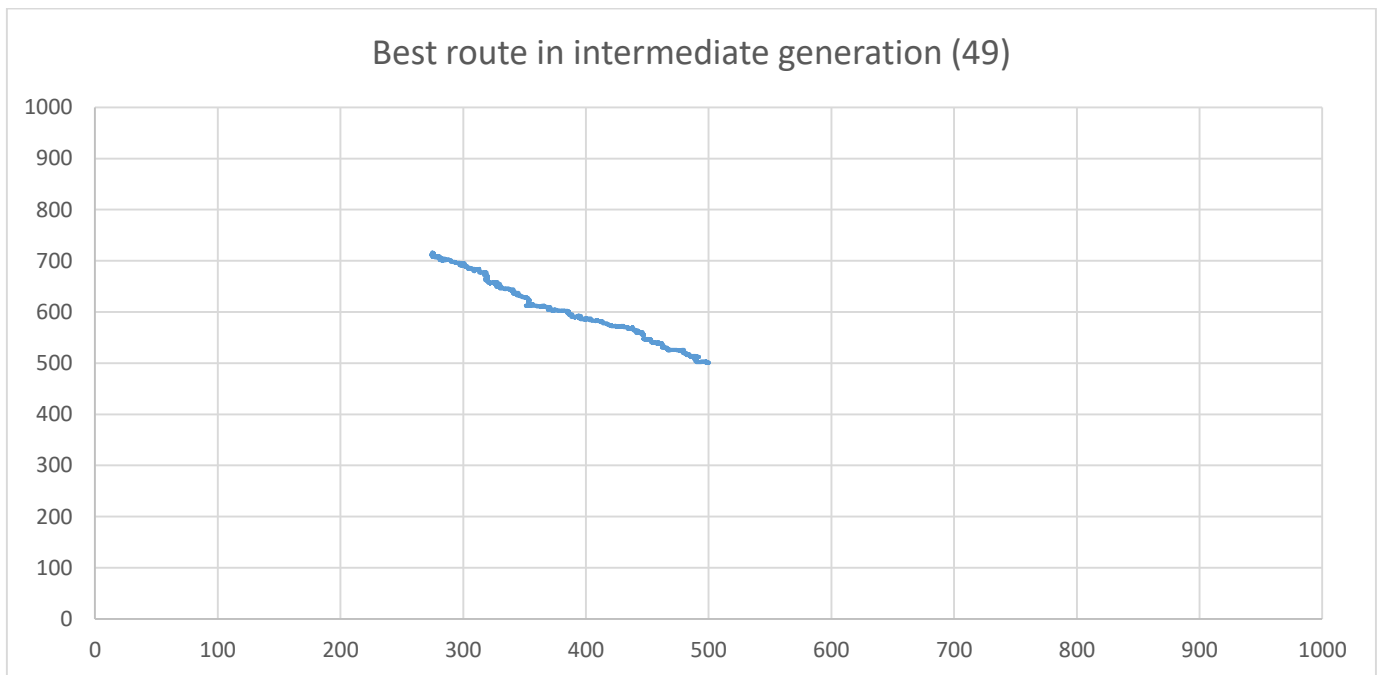


Best Path: 2 2 2 3 3 4 2 2 1 2 3 2 3 4 1 2 3 3 1 2 1 3 2 3 2 3 3 2 2 3 2 3 3 2 2 3 2 2 1 4 3 2 3 3 1 4 3 1 2 3 2 3 2 1 2 3 4 3 3
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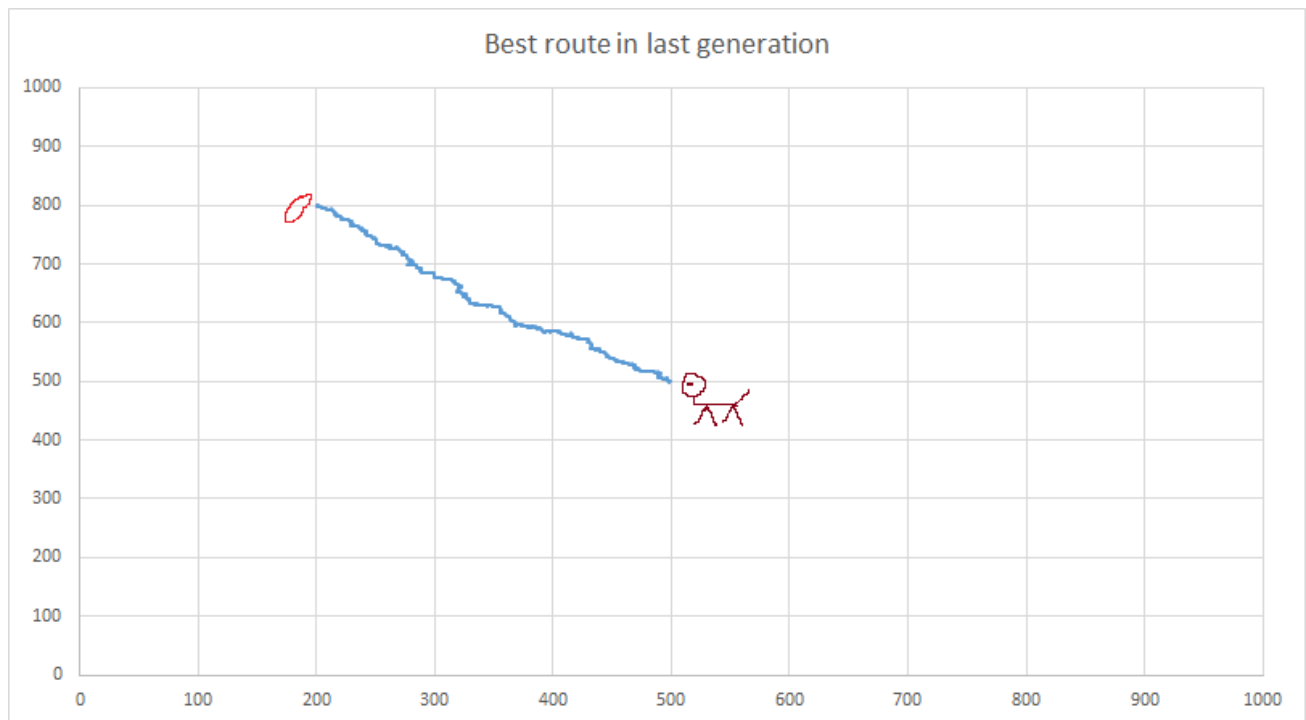
The best route in first generation:



The best route in intermediate generation (49):



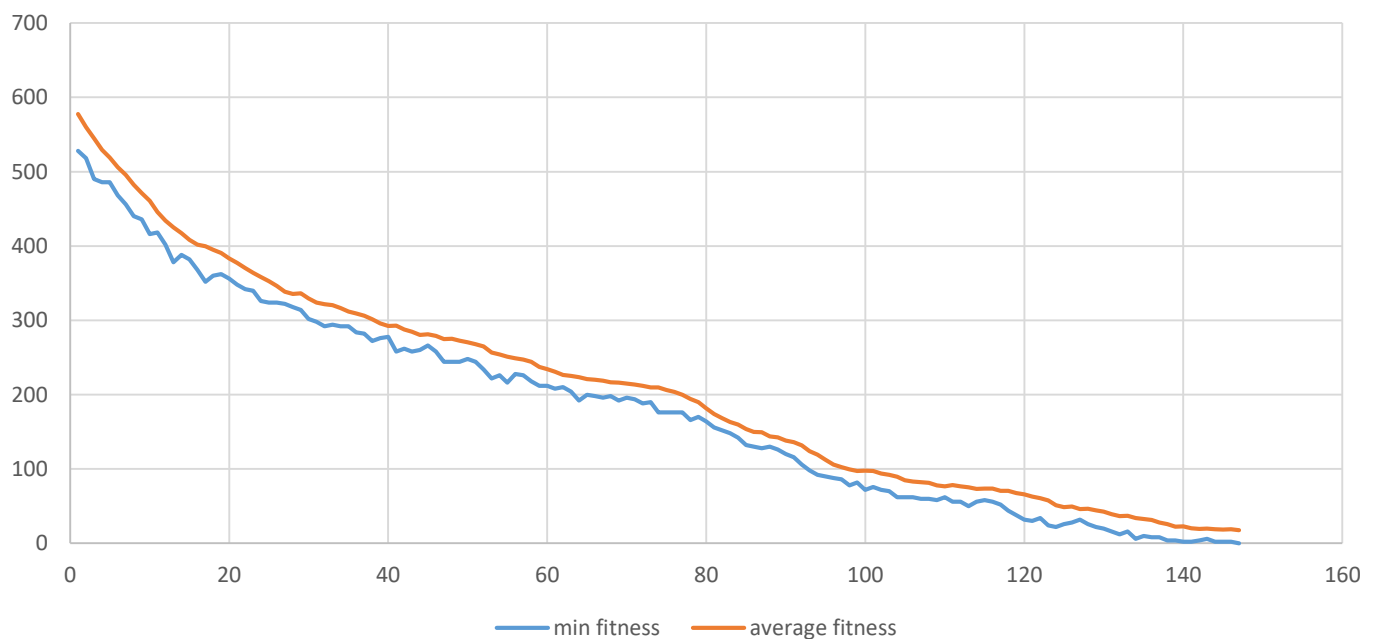
The best route in last generation:



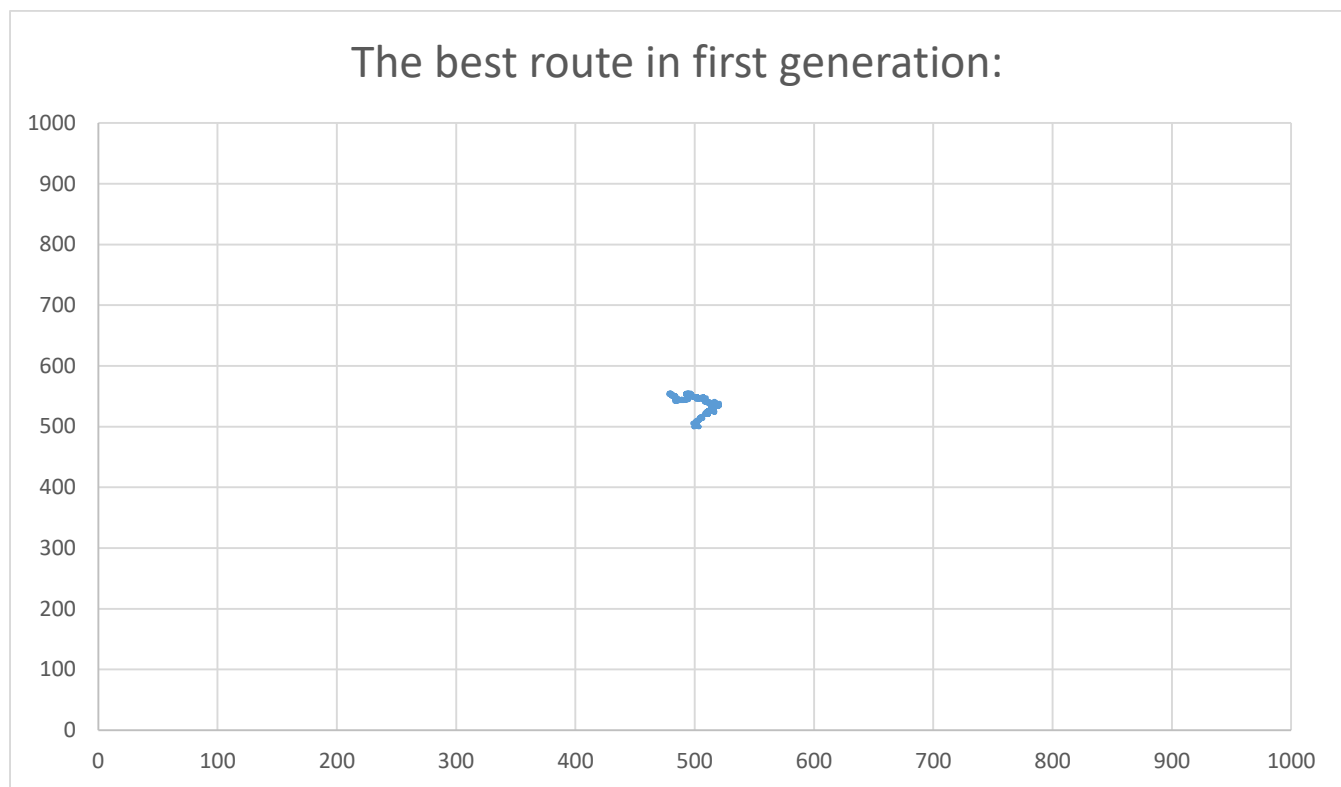
2) Second scenario:

- Size of population – 100;
- Size of chromosome – 1000;
- Mutation percent – 0.02;
- Multi-point crossover with 5 crossover random point;
- Truncate selection mode;
- Block at 300:600 – 400:700;

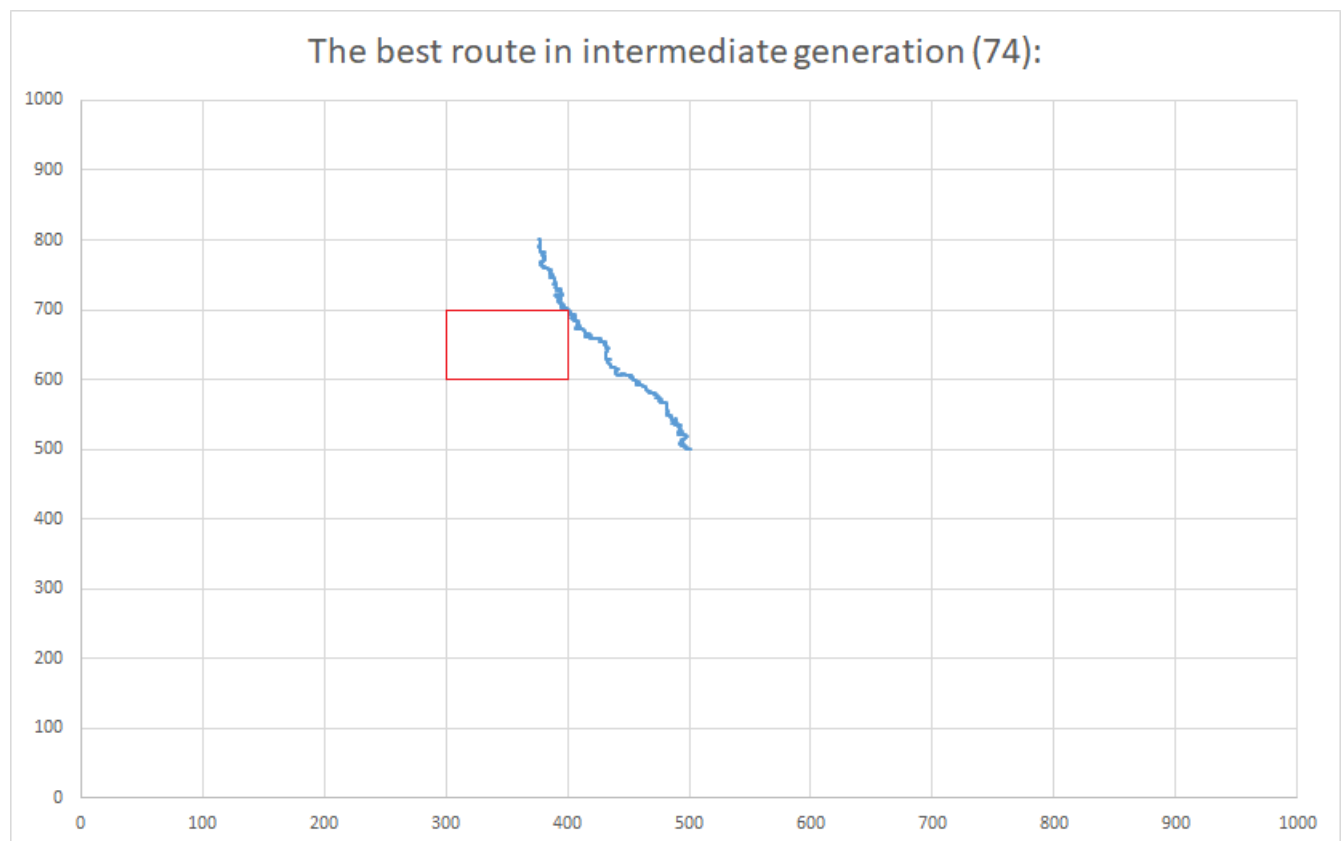
Second scenario: Home(500:500); sausage(200:800),
block(300;600 - 400; 700)



The best route in first generation:



The best route in intermediate generation (74):



The best route in last generation:

