

Dmitry Andreychuk

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Population: 100 chromosomes each 1000 genes

Crossover: multi-point

Start position: [500,500]

Sausage: [200,800]

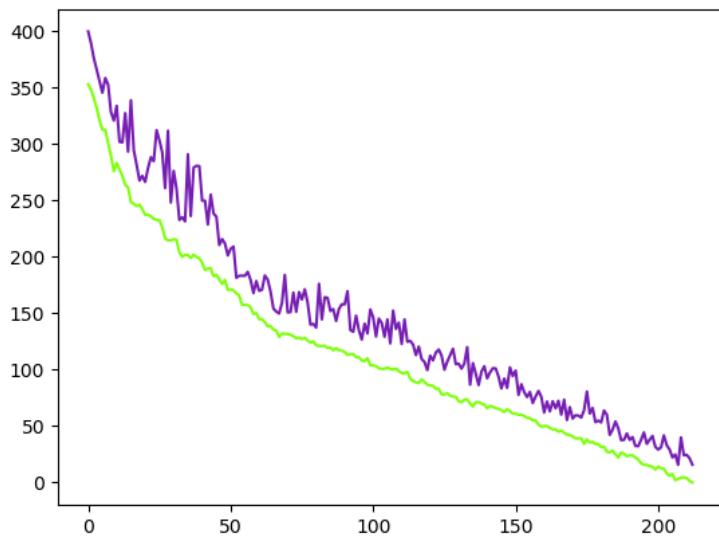
1st scenario: no mutation

Best and average fitness in generations:

Number of generations: 212

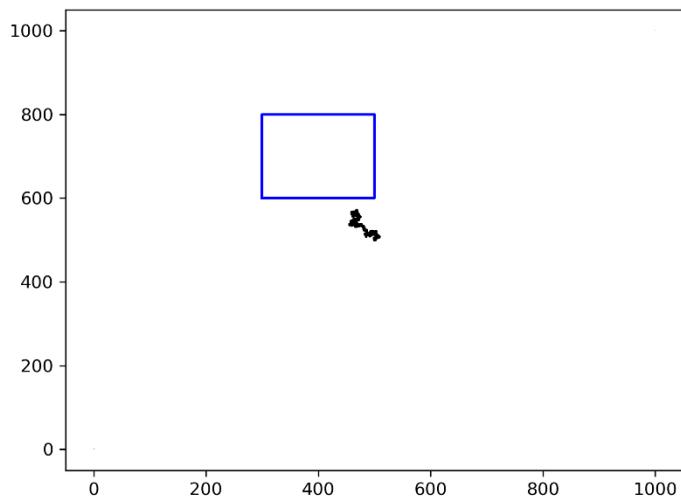
Purple line – average fitness

Green line -best fitness

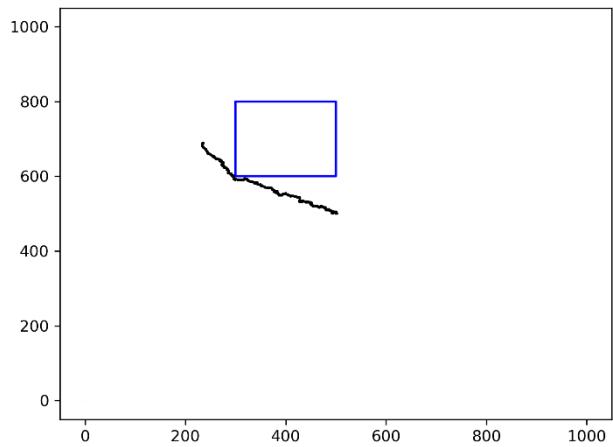


Best fitness dog's route in:

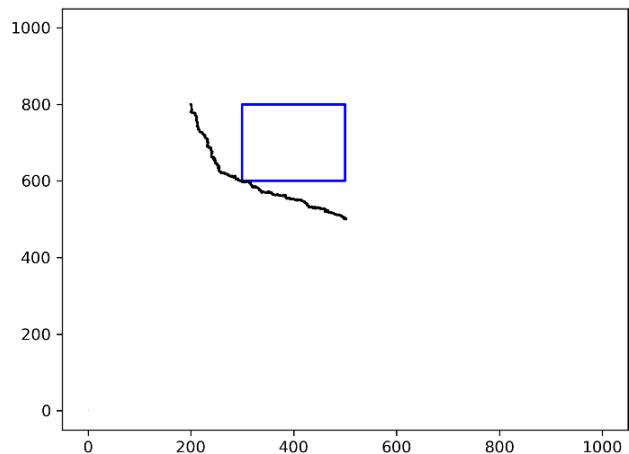
First generation:



Intermediate generation:



Last generation:



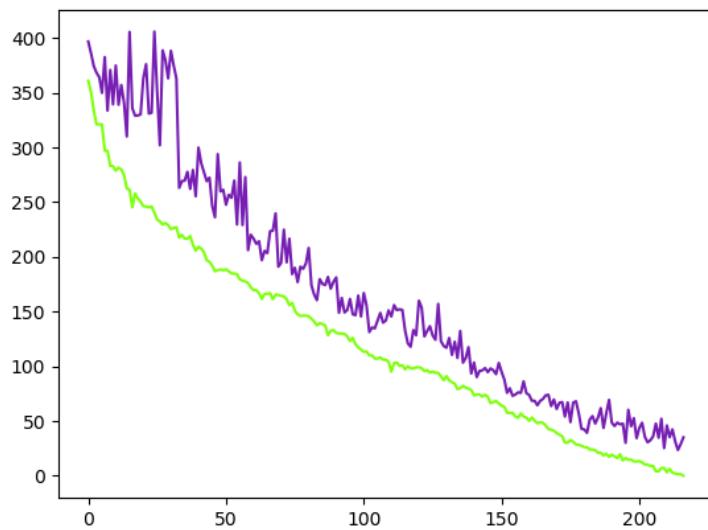
2nd scenario with 2 % mutation

Best and average fitness in generations:

Purple line – average fitness

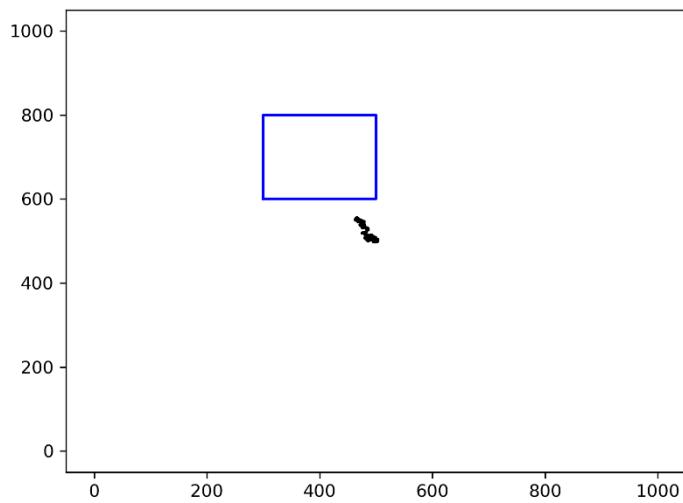
Green line – best fitness

Number of generations: 217

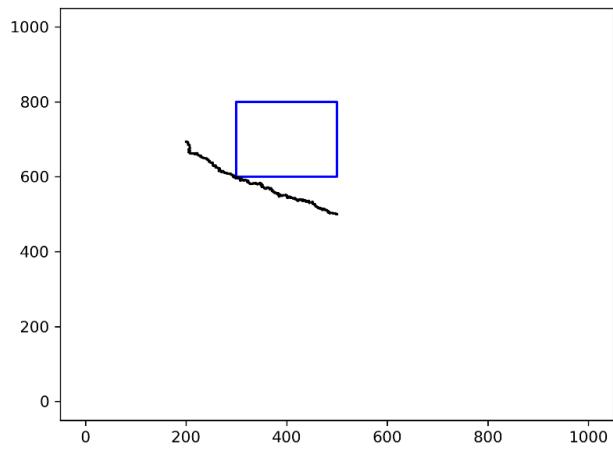


Best fitness dog's route in:

First generation:



Intermediate generation:



Last generation:

