Berney Alec & Ferrari Teo

MLG – 01.06.2022

THE BURMAN TRAVELING SALESMAN PROBLEM (TSP)

LABO 8

Important:

Tenir compte de la courbure de la terre

Punir les creatures qui ont des doublons via fitness

Page 1: Provide a title, your names, school name, course, date

6.1. Briefly explain the problem and your solution (1/2 page).

Page 2:

6.2 Provide the better route you found and the shortest path in kilometers. Is it the optimal shortest path ? explain.

6.3 Describe your fitness function

Page 3:

6.4 Explain the way you encoded the solution, give a chromosome example.

6.5 Provide the configuration of the GA you finally used to find your better results: mutation, crossover, population size, type of selection, mutation, crossover used, number of generations. Describe the methodology or experiments performed in order to get your better results.

Page 4:

6.6 Provide relevant plots of your experiments and explanations.

Page 5:

6.7 Conclusions (1/2 page) + [optional] eventual supplementary comments (1/2 page)

Upload to cyberlearn your zip file named name.zip including your notebook and the report in PDF.