

Modern intelligent IT

Lab 2 (05.10.2016)

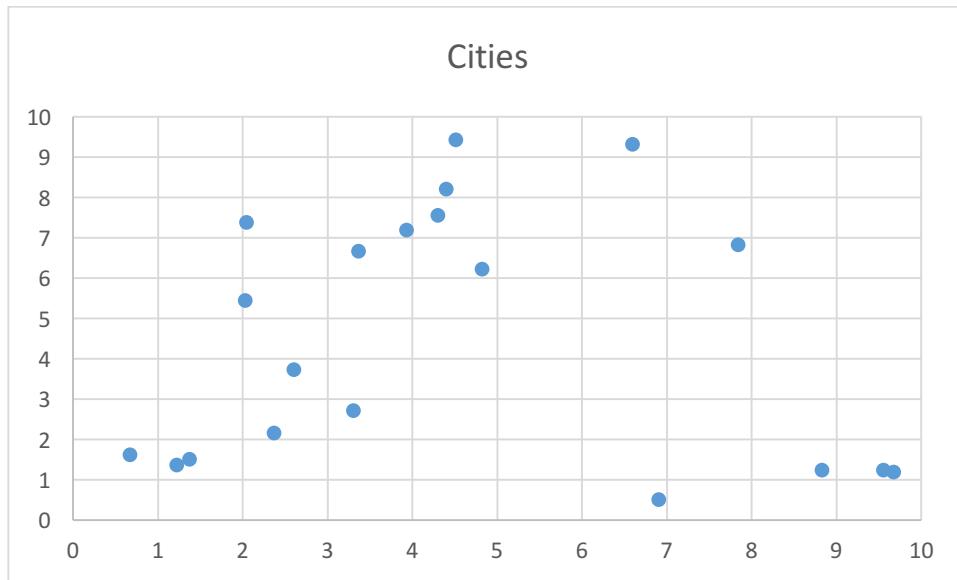
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TSP with 20 cities

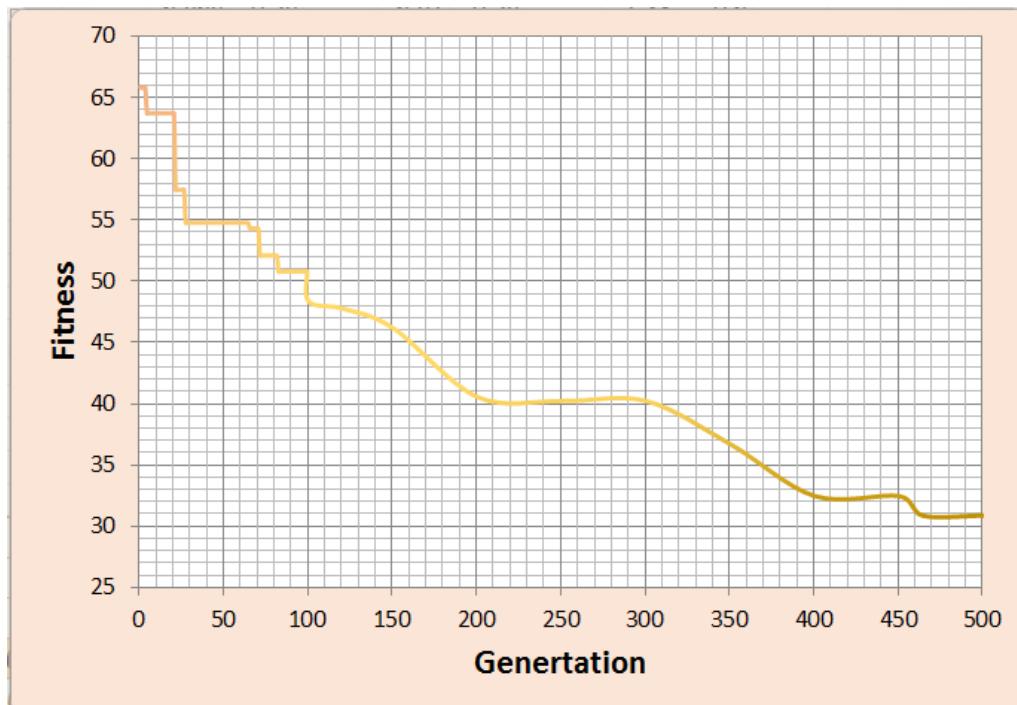
1. Create 20 cities



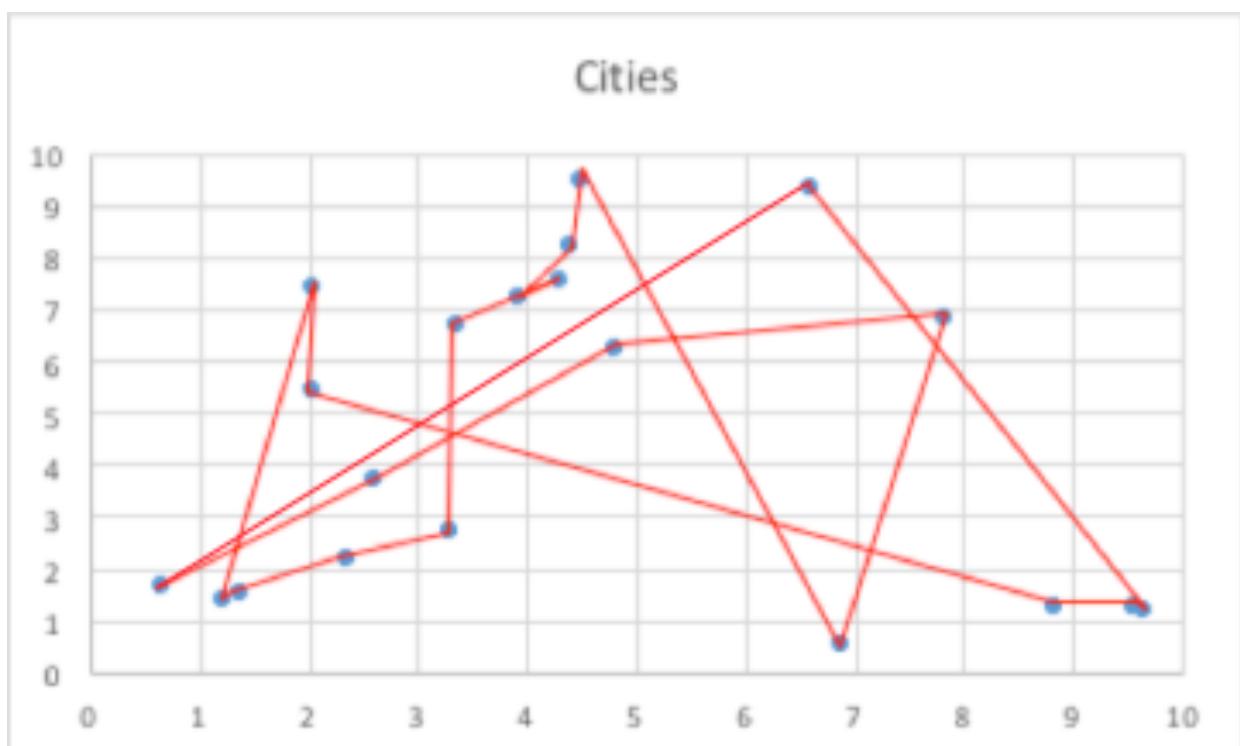
2. Calculate the distance matrix:

3. Apply GA and evolve chromosomes to be the tours of minimum length.

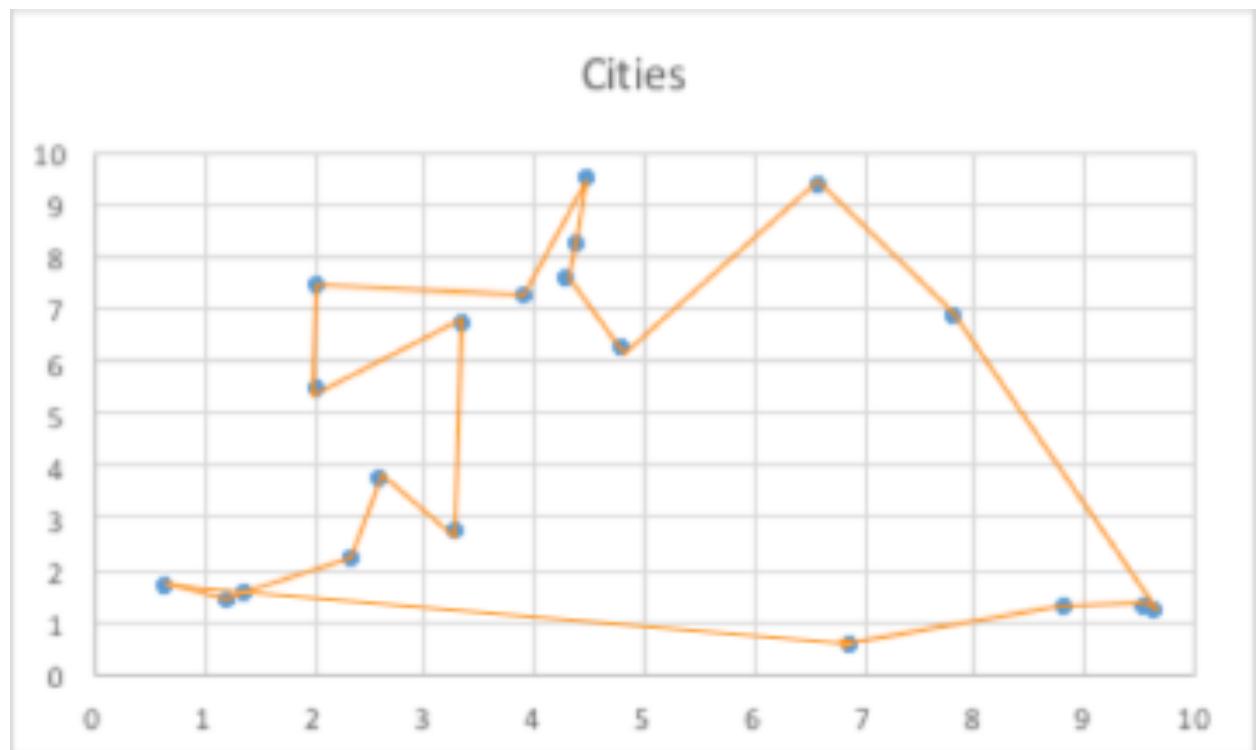
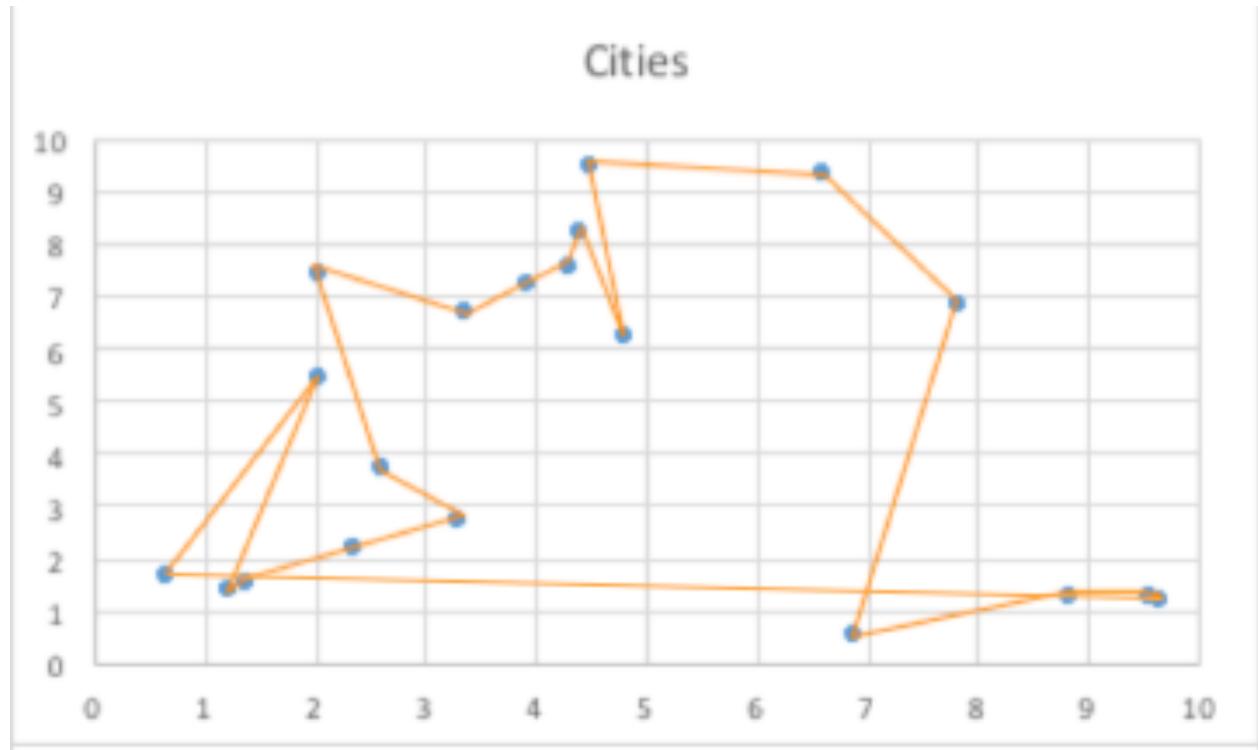
Show the graph of fitness vs generation:

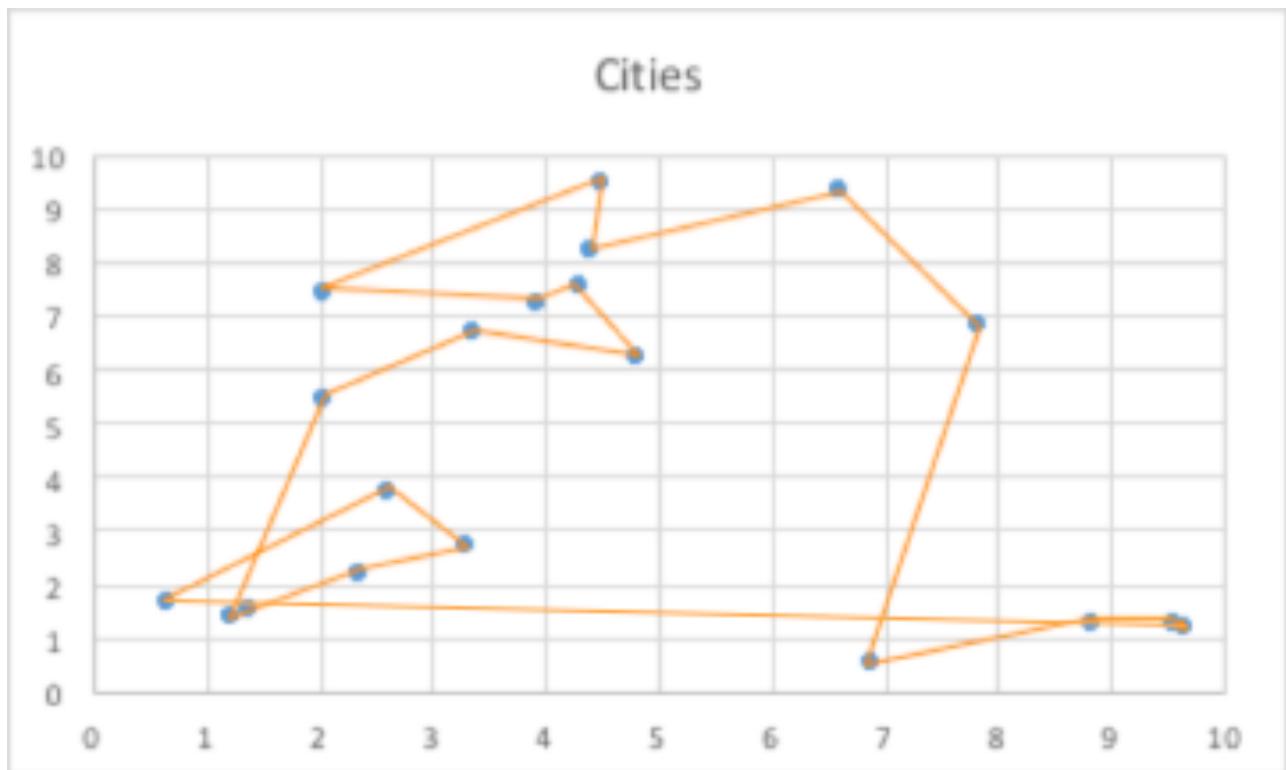


Show the minimum tour in the first generation:



Show three minimum tours in the intermediate generation:





Show the minimum tour in the final generation:

