Genetic Algorithm: The Chinese Postman Problem

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**Problem**

We will create a genetic algorithm to find a solution to the Chinese Postman Problem. The problem poses the situation: given a set of vertex and distances between each of them, find the shortest route for a postman who wishes to deliver letters along every road and come back to post office. Translating this to a graph model, it can be restated as given a connected undirected weighted graph, find the shortest route that visits every edge.