

MAT 2540 - Writing Assignment 3

Write a paragraph addressing the following question.

- (a) Create a complete graph based on 4 locations, K_4 , that you travel to on a regular basis. For each edge on the graph, add a weight equal to the travel time between the locations represented by the vertices. Find a Hamiltonian cycle where the sum of the edge weights is minimized. What does this Hamiltonian cycle represent?