

Optimización Avanzada

Proyecto: Propuesta de una solución a un problema de optimización

January 14, 2025

Consider the network shown in the following figure where nodes represent cities and the links between cities represent highways between pair of cities. Numbers in boxes next to nodes are annual demands (in thousands of units). Numbers in red next to nodes are annual operating fixed cost (in thousands of dollars) if a warehouse is located in that city. Also, numbers associated to the links denote distances between cities in miles. Lets suppose a cost per mile per unit of \$0.35. In which cities should warehouses be located to minimize total costs?

