ADA mini_hw 11

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Due: Dec. 3rd

Answer:

We are going to solve this problem by means of $Kruskal's\ algorithm.$

1. We need to sort the edge length and therefore have 9, 19, 31, 42, 51, 75, 95

2. According to the algorithm, we check for every pair of vertex of the edge in the order provided by 1. until all vertex are in the set A.

3. Thus, we have E = {(0, 1), (1, 3), (3, 4), (2, 3)}