Chapter **6**

Transportation Problems

§**16. Phase 1**

Thus, $w_{ij} = c_{ij} + u_i - v_j = 0$ for all chosen positions (i, j). It turns out that these equations determine potentials uniquely up to an additive constant. This follows from the fact that the chosen positions determine a tree in the graphical representation (Figure 16.5).
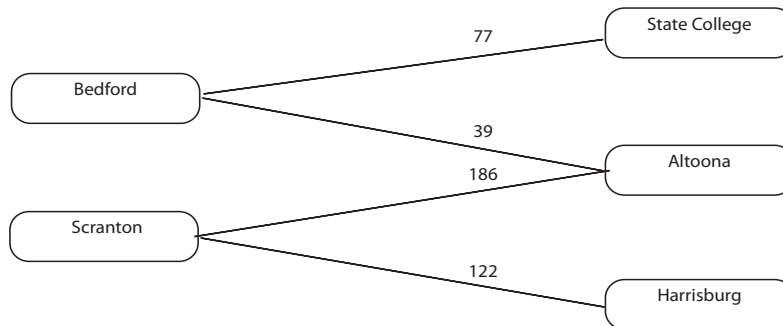

Figure 16.5. Tree
for the feasible solution of Example 15.7