Assume that in the *two brigades* problem we have two home locations, say $s1$ for brigade A and $s2$ for brigade B, with arcs $(s1, 1)$, $(s1, 2)$, $(s2, 1)$, and $(s2, 3)$. The capacities of these arcs are 250, 250, 350, and 350, while their costs are 8, 13, 15, and 9, respectively.

Update the mathematical model, as well as the .mod and .dat files.

Capacity of shipping

Cost of shipping