

Problem 1 LP scenarios

[DPV] Problem 7.7 (find necessary+sufficient conditions for 3 cases) Do part (b) using the dual LP
Hint: for some parts, a possible answer is that it never holds.

Solution:

Problem 2 ILP

Show how to reduce Vertex Cover to integer programming. An integer program is a linear program with the additional constraint that the variables must take only integer values.

Solution: