A: 6-15-10-10-10-10-10

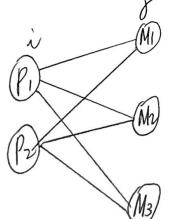
5.t.

Bert objective: 7264

$$\sum x_{ij}=1$$
, $\forall i \in V$
 $j \in \{VV^i\}$ N N
 $u_i - u_j + b \cdot x_{ij} \leq b - 1 = 5$, $\forall i,j \in \{VV^j\}$ and $i \neq j$
 $u_i \geq 0$, $\forall i \in \{VV^j\}$
 $x_{ij} \text{ binary}$, $\forall i,j \in V$

HW 6





Ai Best objective: \$153

$$\chi_{11} = 7 \quad \chi_{21} = 10$$
 $\chi_{12} = 8 \quad \chi_{22} = 0$
 $\chi_{13} = 0 \quad \chi_{23} = 10$

Min Z Cij Xij

S.t.
$$\sum_{j} x_{ij} \leq S_{i}$$
, for all i
 $\sum_{j} x_{ij} \geq d_{j}$, for all j
 $x_{ij} \geq 0$