

$$\begin{array}{l} ? \\ ? \\ ? \\ ? \\ ? \\ ? \\ (i,j) \\ i \\ j \\ i \\ (1,2) \\ (2,1) \\ o(e) \\ e \\ d(e) \\ e \\ O(i) \\ i \\ D(i) \\ i \\ N \\ i \\ F \\ e \\ C_i \\ i \\ P_i \\ i \\ D_i \\ i \\ B_e \\ e \\ \overline{L_e} \\ e \\ X_e \\ e \\ Y_i \\ i \\ \theta_i \\ i \end{array}$$

$$\text{Minimize } \sum_{i \in N} C_i Y_i$$

(1)

$$\begin{array}{l} X_e = B_e(\theta_{o(e)} - \theta_{d(e)}), \ \forall e \in (\mathfrak{E}) \\ Y_i - \sum_{e \in O(i)} X_e + \sum_{e \in D(i)} X_e = D_i, \ \forall i \in (\mathfrak{N}) \\ Y_i \leq P_i \ \forall i \in (\mathfrak{A}) \\ -\overline{L_e} \leq X_e \leq \overline{B_e} \\ Y_i \geq 0 \ \forall i \in (\mathfrak{O}) \\ -\pi/2 \leq \theta_i \leq \pi/2 \ \forall i \in (\mathfrak{N}) \end{array}$$

$$\begin{array}{l} 2) \\ \sin(x) = \\ \mathfrak{X} \\ \mathfrak{Y} \\ \mathfrak{Z} \\ 3) \\ 4) \\ 5) \\ 6) \\ 7) \\ ? \\ ? \\ T \\ N \\ t \\ c_{ij}^t i j t \\ l_{ij}^t i j \\ r_{ij}^t i j \\ s^t t \\ o_{ij}^t i j \end{array}$$

$$\begin{array}{l} X_{ij}^t i j t \\ Y_{ij}^t i j t \\ W_{ij}^t i j t \end{array}$$