$$\begin{aligned} \min \sum_{e \in E} c_e x_e \\ \text{Subject to} \\ \sum_{e \in \delta(v)}^n x_e &= 2, \ v \in V \\ x_e &= 0 \text{ ou } 1, \ e \in E \\ \sum_{e \in E(S)} x_e &\leq |S| - 1 \quad \forall S \subseteq V, |S| \geq 2 \end{aligned}$$