



$$N^+ = \{1, 2, 3, 4, 5, 6, 7\}$$

$$N^- = \{8, 9, 10, 11, 12, 13, 14, 15\}$$

A feasible pit mine is a "closed" set S of nodes such that if $i \in S$ and $i \rightarrow j$ then $j \in S$