

$$A = \begin{array}{c|cc|cc|cc}
\overbrace{y_s \quad y_t \quad \cdots \quad y_u \quad \cdots \quad y_v} & \overbrace{z_{uv} \quad z_{vu} \quad \cdots \quad \hat{z}_{uv} \quad \hat{z}_{vu} \quad \cdots} & & & & & \\
\hline
-1 & 1 & & & & & \\
\hline
& & 1 & & & & \\
& & \ddots & & & & \\
& & & 1 & & & \\
& & & & 1 & & \\
& & & & \ddots & & \\
& & & & & 1 & \\
\hline
& & & & & -1 & \\
& & & & & \ddots & \\
& & & & & & -1 & \\
& & & & & & \ddots & \\
& & & & & & & -1
\end{array} \left. \vphantom{\begin{array}{c|cc|cc|cc} \end{array}} \right\} (u, v) \in E$$