

$$A = \begin{array}{c|c} \begin{array}{c} n \\ \hline \end{array} & \begin{array}{cc} w & v-w \\ \hline \end{array} \\ \begin{array}{c} \hline \\ v-w \end{array} & \begin{array}{cc} \begin{array}{c} \mathcal{O} \end{array} & A_{12} \\ \hline \end{array} \end{array} \left. \vphantom{\begin{array}{c} n \\ \hline \end{array}} \right\} \alpha$$

$$\begin{array}{c|c} \begin{array}{c} \hline \\ v-w \end{array} & \begin{array}{cc} A_{21} & A_{22} \\ \hline \end{array} \end{array} \left. \vphantom{\begin{array}{c} \hline \\ v-w \end{array}} \right\} n-\alpha$$