

$$\left[ \begin{array}{c} \nearrow \\ \nwarrow \end{array} \right] = A^{-1} \left[ \begin{array}{c} \curvearrowright \\ \curvearrowleft \end{array} \right] + A \left[ \begin{array}{c} \searrow \\ \swarrow \end{array} \right]$$