



$$A = \begin{pmatrix} 0 & 1 & 1 \\ 0 & 0 & 1 \\ 1 & 0 & 0 \end{pmatrix} \quad A^T = \begin{pmatrix} 0 & 0 & 1 \\ 1 & 0 & 0 \\ 1 & 1 & 0 \end{pmatrix}$$

$$\lambda P = A^T P$$

$$\lambda = 1.325$$

$$1.325 \begin{pmatrix} 0.548 \\ 0.414 \\ 0.726 \end{pmatrix} = \begin{pmatrix} 0 & 0 & 1 \\ 1 & 0 & 0 \\ 1 & 1 & 0 \end{pmatrix} \begin{pmatrix} 0.548 \\ 0.414 \\ 0.726 \end{pmatrix}$$

$$P = (0.548 \ 0.414 \ 0.726)^T$$