

$$E = \begin{bmatrix} 1 & 1 \\ 0 & 1 \end{bmatrix} \quad S = \begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$$

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \\ 1 & 1 \\ 1 & 0 \\ 2 & 1 \\ 1 & 0 \end{bmatrix}$$

$$\begin{bmatrix} 1 & 1 & 3 \\ 4 & 1 & 1 \end{bmatrix} = (E^2 S)(E^1 S)(E^3 S)$$

$$\frac{11}{4} = 2 + \frac{1}{1 + \frac{1}{3}}$$

