



$$aei + btg + dh = (gec + hfa + idb)$$

$$|A - \lambda I| = 0 \quad (A - \lambda I)$$

$$\begin{pmatrix} 1 & 2 & 3 & 4 & \dots & n \\ \frac{1}{n} & \frac{1}{n} & \dots & \dots & \dots & \frac{1}{n} \end{pmatrix}$$