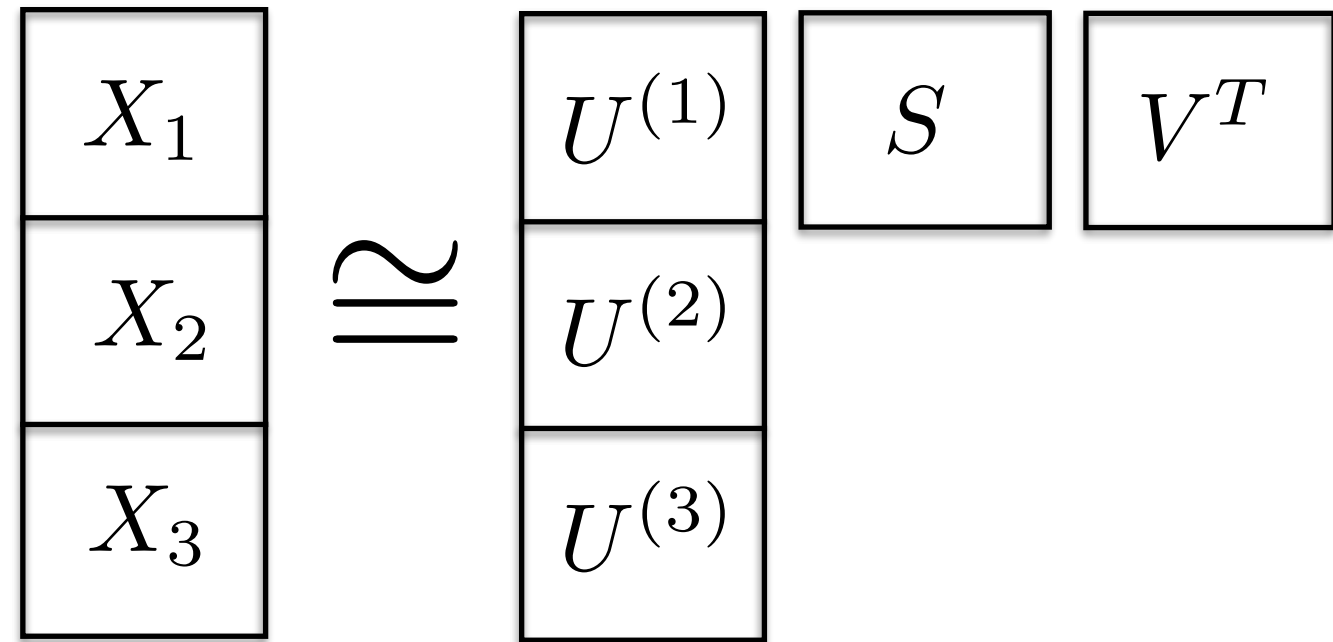


LSI:



$$X = USV^T$$

$$U^T U = I \quad U \in \mathbb{R}^{N \times k}$$

$$V^T V = I \quad V \in \mathbb{R}^{s \times k}$$