

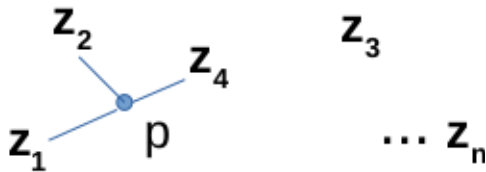
Images

PCA

Latent space

\mathbf{x}_1 \mathbf{x}_2 \mathbf{x}_3
 $\mathbf{x}_4 \dots \mathbf{x}_n$

$$\mathbf{z}_i = \mathbf{W}^T (\mathbf{x}_i - \mathbf{m})$$



\mathbf{x}_{rec}

$$\mathbf{x}_{\text{rec}} = \mathbf{W} \mathbf{z}(p) + \mathbf{m}$$

$\mathbf{z}(p)$

K-NN interpolation