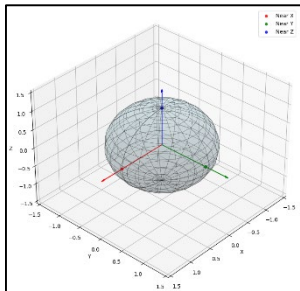
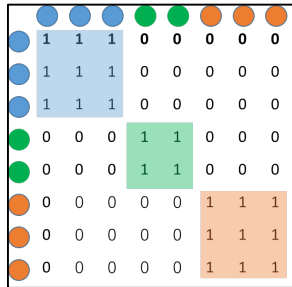


Ideal



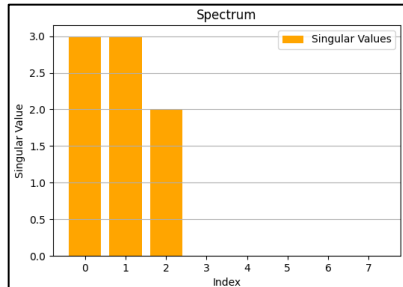
Feature space

Similarity
matrix

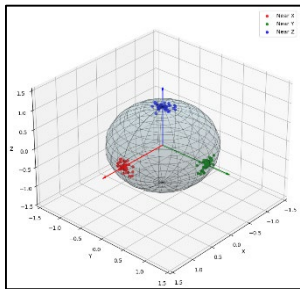


$r = 3$

SVD

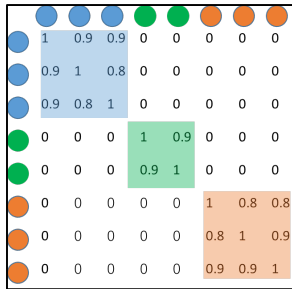


Real



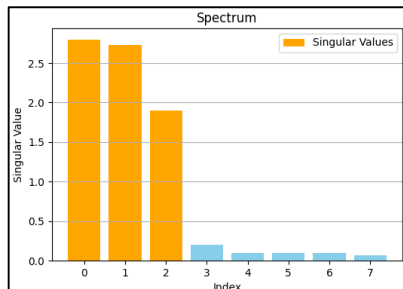
Feature space

Similarity
matrix



$r > 3$

SVD



$$\frac{\sigma_1 + \sigma_2 + \sigma_3}{\sum \sigma_i} = 92.93\%$$