

# Software Assignment - Image Compression Using Truncated SVD

## Error Table

AI25BTECH11011 - G.VARUN KUMAR

TABLE 0: Reconstruction Error for Different Images using Truncated SVD

Original Image	k Value	Reconstruction Error ( $E_k$ )
Einstein	5	4712.9979
Einstein	20	2126.4778
Einstein	50	880.4435
Einstein	100	164.8112
Globe	5	20703.9655
Globe	20	10633.9403
Globe	50	6185.1881
Globe	100	3672.6511
Greyscale	5	11154.4725
Greyscale	20	3815.2310
Greyscale	50	1178.3995
Greyscale	100	549.9458