

# Software Assignment

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TABLE 0: SVD Error Metrics for a  $182 \times 186$  Matrix

<b>k</b>	<b>Operator Error</b> ( $\sigma_{k+1}$ )	<b>Frobenius Error</b> ( $\ A - A_k\ _F$ )	<b>Relative Frobenius Error (%)</b>	<b>Energy Retained (%)</b>
5	24.760839	173.728769	94.8589	10.0180
50	16.487956	107.493636	58.6933	65.5509
100	9.856142	52.511317	28.6721	91.7791