LINEAR ALMEBRA:

EIDENDECOMPOSITION:

(COLUMNS : EIGENVECTORS)

$$QQ^T : Q^TQ : I$$

$$det(A - \lambda I) = 0$$

$$At : = \lambda_i t_i$$

SINGULAR VALUE BECOMPOSITION;

AER MXD Rank, & (Number of linearly independent

A = U & V

U, V = ORTHOGONAL

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