
Subject: SVD

Posted by [Daisei Konno](#) on Tue, 13 Aug 1996 07:00:00 GMT

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Hello! I am looking for a SVD that gives a complete orthogonal matrices for a rectangular input matrix. For a $(m \times n)$ matrix, E, SVD SHOULD give

U: $(m \times m)$

S: $(m \times n)$

V: $(n \times n)$

if $E = U \cdot S \cdot \text{TRANSPOSE}(V)$

This is implemented in MATLAB; how come not in IDL? Thanks.
