Subject: Re: singular value decompostion Posted by fogel on Thu, 01 Jul 1999 07:00:00 GMT

View Forum Message <> Reply to Message

H T Onishi (htonishi@home.com) wrote:

: This is not a complete answer but perhaps adds some insight.

:

: First of all I believe that your U from Matlab is in error. The .46 should

: be -.46.

Doubtful. The SVD is not unique in the sense that any U\*S\*V' = A, within roundoff of A, is a correct solution.

One can search the archives of comp.soft-sys.matlab and find a posting by Cleve Moler (Matlab creator, linear algebra guru, etc.) stating as much. Try looking for 'SVD' about two years ago.

[snip...]

HTH.

- David