Subject: SVD and Other things Linear
Posted by David Borland on Wed, 17 Feb 1999 08:00:00 GMT

Hellu,
   I am trying to find the non trivial solution for the equation Ax=0 where A
is a known nxm matrix, and x is an unknown 1 x n (or 1xm, I get that
confused) vector. I was using SVD and SVSOL to get the answer, but then I
got to this case, and all I get is x = [0, ..., 0]. Does anyone know if I
can get SVD and SVSOL to find the non-trivial solution, or of any other way
to do this linearly. I have tried to do it nonlinearly, with BROYDEN, but I
keep running into local minimums(maximums), or it not even being able to
converge.

Thank You,
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