Subject: Re: Solve AX=B
Posted by bstecklu on Sun, 27 Jan 2013 08:22:15 GMT
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Gompie wrote:
> Hi,
> I have a A(254x254) matrix and B(0:254). I want to get the value of X. However when I give determ(A) in idl I get zero. Which perhaps means that A is singular and its inverse cannot be found.
> I have checked for duplicate rows and columns in A they have been removed.
> How do I solve this system? Given that
>
> From the problem that I am solving, I know A can be over determined but not under determined.
> Gompie.
>
Have a look at Singular Value Decomposition (SVD) in the IDL Help. Reading the corresponding section in "Numerical Recipes" is recommended. Free older versions of the book are on-line at http://www.nr.com/ .

Bringfried