Subject: Re: Help with SVDC procedure
Posted by fd_luni on Tue, 29 Jan 2013 12:33:10 GMT
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>> You say that the values you get for X are not what you expected. But I would try it the other way around. Does the value of X you get solve the equation, Ax = B, correctly? If it does, then you found *a* solution to the equation, even if it is not the one you expected.

Yes, the values of X that I get solve the equation, Ax=B.

>> Also, as a matter of efficiency, your SV matrix is diagonal. Thus you can just compute SVinv = 1/SV rather than using INVERSE().

I tried to what you suggested me SVinv = 1/SV rather than using INVERSE() and I've got the following error.
"Program caused arithmetic error: Floating divide by 0"

P.S. I am using IDL few weeks ago that's why I am asking a lot of things