
Subject: Re: Positive solution for linear equations
Posted by [erano](#) on Tue, 14 Apr 2009 04:18:16 GMT
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On Apr 13, 4:51 pm, David Gell <david.g...@swri.org> wrote:
> On Apr 12, 6:53 am, erano <eran.o...@gmail.com> wrote:
>
>> I am trying to find the solution for a series linear equations: $Ax = B$,
>> where A is a n by m matrix and B is a vector .
>> I use the IDL function SVDC but I wish the solution x to be positive
>> vector.
>> How can I do so?
>> Thanks,
>> Eran
>
> Eran,
>
> I assume that you wish each component of vector x is to be positive,
> so what you have is a linear programming problem. Try using the
> simplex method. For information on the simplex method, see Press,
> et.al. "Numerical Recipes".
>
> Dave

Dear Dave,
It seems this is the solution for my problem.
Thanks a lot,
Eran
