Subject: Re: Left Matrix Division
Posted by d.poreh on Mon, 19 Sep 2011 10:18:20 GMT
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On Sep 19, 12:54 am, mankoff <mank...@gmail.com> wrote:
> Nevermind, I found the LA_LEAST_SQUARES function. It turns out that a
> \b in MATLAB does a lot of different things depending on the shape of
> a.
>
> -k.
>
> On Sep 18, 6:53 pm, mankoff <mank...@gmail.com> wrote:
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>
>> Hi,
>
>> I'm trying to do some matrix division, something which in MATLAB is
>> done
>
>> r = a\b
>
>> where A is m row x n column and B is an n column matrix and the result
>> is and m x 1 column matrix.
>
>> I think this is called left matrix division and is equal to "b^(-1)
>> times a", but am having trouble inverting B as it is a column vector.
>> I have been looking into IMSL_INV as I have not found any other IDL
>> functions that claim to invert a matrix or do matrix division.
>
>> Any help will be much appreciated.
>
>> Thanks,
>
>> -k.

Cone on!!! you know that for inverting, you need DET(A) NE O