Subject: Re: Left Matrix Division
Posted by mankoff on Mon, 19 Sep 2011 07:54:34 GMT
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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:
> 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.