
Subject: Left Matrix Division

Posted by [mankoff](#) on Sun, 18 Sep 2011 16:53:00 GMT

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Hi,

I'm trying to do some matrix division, something which in MATLAB is done

$$r = a \backslash b$$

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.
