

Re: det(A+ tB)

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Jon Slaughter a écrit :

$$\det(A + tB) = \det(A B^{-1} + t I) * \det(B)$$

(the notation A/B used by one poster should be strongly denigrated),

and why is that? You have such a strong feeling to say such a comment about it so what is the reason? Is it not too hard to see that $A/B = A*B^{-1}$. Sure it might be symbolically different about its 1/5 of the number of symbols to write and just adds confusion when typing in ASCII with no benefit. So you might not like it but that's tough unless you can give a good reason against it.

How do you note $B^{-1}A$? Is it $A \setminus B$?

A/B is clear and concise while $A*B^{-1}$ is not (and here

I'm specifically talking about when it is written in ASCII).

So please do tell me why the short hand A/B is such a bad thing that it has to be denigrated.

Jon