

Magn. Reson. Discuss., community comment CC1  
<https://doi.org/10.5194/mr-2022-16-CC1>, 2022  
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## **Comment on mr-2022-16**

Tom Barbara

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Community comment on "Multidimensional encoding of restricted and anisotropic diffusion by double rotation of the  $q$ -vector" by Hong Jiang et al., Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2022-16-CC1>, 2022

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This paper is interesting and I want to read it carefully. I have a comment right away however and that is the poor clarity of the  $:$  colon operator which actually and more simply is just the trace of the product of two matrices. In addition, referencing Kingsley for the "low down" on this notation is not very helpful. It is not actually defined clearly and is only presented in passing as equation 64 of that paper. If one works this out then that equation is the trace of the product of two symmetric matrices. Now this colon notion is sort of popular and if the authors want to use it they should define it in their paper right off. It is not that difficult!