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MAGNETIC RESONANCE
Discussions

Magn. Reson. Discuss., referee comment RC2
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Reply on RC1

Tom Barbara (Referee)

Referee 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-RC2, 2022

Daniel cleared up my confusion by pointing out that all the gradients (imaging, diffusion, crusher, and slice selection) are included in the integral of Equation 4. That of course is not rank one. However, I believe that my confusion is shared by many, even though they are involved in diffuion studies in MRI and NMR, so having some language to make it clear from the outset is very much worth the effort. Indeed many of the references to the past literature merely repeat the stylized notation and so a reader new to the field cannot get the essential point very easily unless they know exactly where to look. I feel it is also important to include a diagram of the pulse sequence with all the gradients that are believed to contribute to this "sum over all gradients".