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Atmospheric Measurement Techniques Discussions

Interactive comment on "Probabilistic analysis of ambiguities in radar echo direction of arrival from meteors" *by* Daniel Kastinen and Johan Kero

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Dear Reviewer,

In my haste before vacation I accidentally miss-wrote in my last review response of major issue 1. Of course the complex space inner product applies a complex conjugation to the first element so that $\langle \mathbf{\Phi}(\mathbf{k}_1)e^{i\theta}, \mathbf{\Phi}(\mathbf{k}_2)e^{i\theta} \rangle = \langle \mathbf{\Phi}(\mathbf{k}_1), \mathbf{\Phi}(\mathbf{k}_2) \rangle e^{-i\theta}e^{i\theta} = \langle \mathbf{\Phi}(\mathbf{k}_1), \mathbf{\Phi}(\mathbf{k}_2) \rangle$, thereby the equivalent definition with the inner product does not need the absolute value to define a distance function d so that anti-directed vectors give maximum separation from the maximum.

I apologize. Best regards, Daniel

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Discussion paper

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