

Interactive comment on “Full-tensor gravity gradient eigenvector analysis for locating complex geological source positions” by Boxin Zuo et al.

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Have worked on some gravity gradient data before. From the practical point of view, my feeling is sometimes the noise filters used in the processing were kind of subjective. If there is too much noise, some methods may fail. Looking at the figures, it seems the new approach is not subject to this problem? If this can be confirmed or clarified, it may be a useful tool. Some interesting questions in the comments above. Not sure how important the ϕ_z is in the final result, but the field data set seems working well? Further explanation would be nice.

Interactive comment on Nonlin. Processes Geophys. Discuss., doi:10.5194/npg-2016-75, 2017.