

Geosci. Instrum. Method. Data Syst. Discuss., referee comment RC1
<https://doi.org/10.5194/gi-2021-14-RC1>, 2021
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Comment on gi-2021-14

Anonymous Referee #1

Referee comment on "Research on Fiber Bragg Grating Sensor Group for Three Dimensional In-situ Stress Measurement" by Yimin Liu et al., Geosci. Instrum. Method. Data Syst. Discuss., <https://doi.org/10.5194/gi-2021-14-RC1>, 2021

The paper is interesting and appropriate for the journal topic. It is detailed, especially in the numerical simulation section. I have a couple of important notes in the laboratory testing chapter, and I suggest to the authors to improve the quality of the plots: the fonts on the axes are too small and the labels could be better. I request a major revision because I did not find in the paper the resolution of the instrument used to detect the wavelength shift and, the final resolution of the FBG strain sensor consequently.

Please also note the supplement to this comment:
<https://gi.copernicus.org/preprints/gi-2021-14/gi-2021-14-RC1-supplement.pdf>