Review of: "The Comparison of Traverses Adjusted by Non-Rigorous and Rigorous Methods of Adjustment"

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Potential competing interests: No potential competing interests to declare.

In this paper, the Bowditch method and Transit method are used for the comparative study of Traverses Adjusted, and a closed-loop cross-section consisting of 12 stations is designed, and a large amount of data is obtained through experiments and corresponding channels, and then using data processing and combining with the least-squares method, the conclusion is that the Transit method has a higher accuracy than the Bowditch method, and the study has certain innovations and has certain theoretical implications for the study of Traverses Adjusted. The study is innovative and has certain theoretical significance for the study of horizontal adjustment. However, it is proposed to be published after modification, and it is suggested to make relevant improvements in the following aspects.

(1)The focus of the article's conclusions seems to deviate somewhat from the title, and the article's argument centres on the non-strict adjustment method rather than the strict adjustment method.

(2)Suggested adding a site display graphic to the article to make it more informative.

(3)It is recommended that a comparative image of the data from the strict and non-strict adjustment methods be provided for the article.

(4)Suggested some optimisations for the display attributes of the article form.