

Review of: "A combined generalized Warblet transform and second order synchroextracting transform for analyzing nonstationary signals of rotating machinery"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

This paper mainly proposes an instantaneous frequency extraction method based on GWT and SSET. The authors use simulations, experiments and comparative analysis to verify the effectiveness and advantages of the proposed method. Some suggestions are as follows:

1. There are some grammatical errors in this paper, such as "a TFA methods", "an adaptive frequency band selection methods" and "as a post-processing methods".
2. It is recommended to add partial enlarged images in Figure 4 (b), (d) and (f) to show partial details.
3. It is recommended to add a legend to Figure 5.
4. The experimental verification analysis is a little bit small, the authors may consider adding some experimental cases.