Review of: "New Approximate Symmetry Theorems and Comparisons With Exact Symmetries"

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Potential competing interests: No potential competing interests to declare.

I reviewed the manuscript; **New Approximate Symmetry Theorems and Comparisons With Exact Symmetries.**

The authors have to address the following points:

1. The authors need to clarify the results of Table 2 as the exact/approximate solutions are obtained in only one way, possible IV, V, or VI. How comparison is possible when the results listed correspond to any one case? Please modify Table 2.

2. The comparison of only the proposed methods IV-VI is done; what about the earlier existing methods I-III? Without comparison, how can the obtained results be justified? This means that the novelty of the results needs to be more polished.

3. The authors are requested to include the detailed calculations for at least one case in Table 1. Else, it seems unsuitable for the readers.

4. In [31], Jefferson (to mention a case) proposed three methods for approximate symmetries and others as well. These methods should be summarized in the introduction section. Also, the results with the existing and proposed methods should be compared.

5. I am hoping the authors will address this major issue and that the rest of the manuscript seems well-written and therefore can be considered for a decision.