

# Review of: "Exploiting Structure: A Survey and Analysis of Structures and Hardness Measures for Propositional Formulas"

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Potential competing interests: No potential competing interests to declare.

Suggestions for author:

- Throughout my reading, I met some typos. The authors are suggested to check them carefully to improve the quality of the paper.
- A professional proofreading revision is necessary to correct language errors. Some sentences are not clear, it will be better if the author reads the paper with more concentration.
- To improve the clarity and effectiveness of the abstract, the authors should consider the following suggestions: (a) Clearly state the overall purpose of the paper and the research problems investigated. This can be achieved in one or two concise sentences. (b) Provide a basic design of the study, including the methods, and analytical techniques used. This will help readers understand the scope and rigor of the study. (c) Provide a summary of your interpretations or implications of the study's findings. This will help readers understand the significance and relevance of the research.
- The Introduction should make a compelling case for why the study is useful along with a clear statement of its novelty or originality by providing relevant information and providing answers to basic questions such as: What is already known in the open literature? What is missing (i.e., research gaps)? What needs to be done, why and how? Clear statements of the novelty of the work should also appear briefly in the Abstract and Conclusions sections.
- Mathematical formulas should include punctuation symbols.
- There is a need to elaborate on motivation.
- It must be made very obvious how original the paper is.
- Comparison with existing works: To establish the novelty and significance of the proposed work, it is crucial to compare it with existing works in the field. The authors should provide a comprehensive literature review, highlighting the advantages and limitations of previous works, and clearly demonstrate how their work fills the existing research gap. Such a comparison will enhance the overall contribution and value of the paper.
- Describe how the suggested approach is superior to other ones currently in use.

- Polish merits to your proposed method and what are the limitations of the method. The reader should now be better able to comprehend and be aware of upcoming efforts.
- A conclusion section should focus on both impact and insights of the manuscript. Clearly state your unique research contributions in the conclusion section and point out potential future work directions.