

# Review of: "Solving Pallet loading Problem with Real-World Constraints"

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**Potential competing interests:** No potential competing interests to declare.

I've reviewed this manuscript, and I appreciate the authors for their commendable effort. I suggest the authors consider the following recommendations to enhance the quality of their work potentially:

1. The introduction of this paper could use more depth. Please elaborate further by correctly emphasizing the importance of the research topic - the Pallet Loading Problem. It's crucial to clarify in this section why finding a solution to this problem is so important. Also, make sure to highlight the unique contributions this research brings to the field. Clearly state the aim and the key question that the research seeks to answer. To wrap up the introduction, give a brief overview of how the rest of the paper is organized. This will help guide the reader's expectations as they move through the rest of the document.
2. The cited references appear somewhat outdated, with recent studies seemingly overlooked. I would suggest a more comprehensive literature review, as well as a comparative analysis between past research and the present study. To effectively illustrate the advantages of this work.
3. The details provided about the Branch and Bound algorithm's application seem to be incomplete. Please explain more and actually provide a test problem.
4. The paper needs to have a computational results section with more details.
5. Please explain more about how did you determine that your proposed algorithm is superior?
6. The concluding section of your paper still needs improvements. Key findings of the research should be highlighted, and the results need to be made clearer. The discussion and conclusion sections need further development. In the results section, a comparative analysis of the methods used should be provided. Furthermore, it's crucial for the authors to discuss the limitations of their study and provide direction for future investigations.