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

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Potential competing interests: No potential competing interests to declare.

The article titled "Solving Pallet Loading Problem with Real-World Constraints" addresses a complex problem in logistics optimization: efficiently loading transport units onto pallets while considering real-world constraints. The problem is NP-hard, making it challenging to find optimal solutions. The authors propose a branch-and-bound algorithm to tackle this problem and assess its efficacy through experiments.

Here are some specific points that need to be improved:
The problem should be clearly defined mathematically. This will help to clarify the scope of the problem and the challenges involved in solving it.
The added value of the article should be more clearly explained. What is new about the proposed method? How does it compare to other methods for solving the pallet loading problem?
The description of the method itself needs to be clarified. The authors should specify which specific branch and bound algorithm is being used, and how it is being adapted to solve the pallet loading problem.
The authors should provide more experimental results to demonstrate the effectiveness of the proposed method. This could include comparing the method to other state-of-the-art methods, or showing how the method scales with the size of the problem.
The language of the article should be edited to improve clarity and readability.
The Discussion section should be added to the article to discuss the limitations of the proposed method and future research directions.
The Conclusion section should be improved to summarize the main findings of the article and discuss their implications.
The References section should be updated to include more recent sources.
I hope that the authors will take these remarks into account and revise the article accordingly. With these improvements, the article would be a valuable contribution to the literature on the pallet loading problem.

In addition to the specific points mentioned above, I would also recommend that the authors consider the following:

The article could be improved by providing more details on the real-world applications of the pallet loading problem. This would help to motivate the research and make it more relevant to a wider audience.
The article could also be improved by discussing some of the challenges in solving the pallet loading problem. This would help to set the stage for the proposed method and highlight its potential contributions.
Overall, I think the article has the potential to be a valuable contribution to the literature on the pallet loading problem.

However, it needs to be revised to address the shortcomings that have been identified. With these improvements, the article would be a more complete and rigorous study of the problem.