

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

Michał Bernardelli<sup>1</sup>

<sup>1</sup> Warsaw School of Economics

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

Both the issues raised and the text itself are interesting. From a scientific point of view, however, the article has many shortcomings. First of all, the problem is not clearly defined mathematically. Secondly, it is not known what the added value of the article is. It is not an algorithm per se but a new application/adaptation of an existing method to solve a well-known problem. Therefore, an assessment should be made regarding the applicability of the proposed solution. However, such an assessment is impossible (based on the description provided). Why are current approaches not enough? Is the problem posed in any way more general than the approaches proposed earlier in the literature? How is the proposed approach better, and why should we use it? We have not received answers to these and many other questions, which does not allow us to determine the usefulness of the proposed article in practice. Perhaps some computer simulations comparing several algorithms listed in the Literature Review would show the advantage of the proposed solution. Moreover, the description of the method itself also needs to be clarified. The branch and bound algorithm that is the basis of the article is not really an algorithm but rather an approach or method that includes many different algorithms. It is unclear which specific algorithm is meant, which part of the described approach results from the authors' work, and which is a simple copy of existing methods. The issues raised, and the described algorithm certainly have a publication potential. Still, currently, the text is only like POC with the need to put additional work into rebuilding it into a full-fledged scientific article.