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

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Potential competing interests: No potential competing interests to declare.

This article uses an algorithm to study the problem of material stacking in a limited pallet unit, and uses MATLAB software to simulate. The work has an acceptable workload and discussion value. I put forward some suggestions for the author and other relevant scholars to discuss.

1. Is there any other solution to the problem raised by the manuscript in history? If there are other solutions, it is recommended to list them in the paper, and compare the results of different solutions with the methods used in this manuscript.

2. The corresponding case suggestions of the mathematical problems discussed in the manuscript in real production are further clarified. In the Examples of pallet configuration (figure 1) given in the manuscript the materials in the pallet obviously use a higher-density stacking method; as far as I know, in most pallet loading examples, the materials in the pallet will consider the material transportation conditions or storage requirements and other factors, reserve a non-negligible gap when stacking, and seldom use multi-layer stacked pallet loading schemes. In other words, it is better for the author to explain the industries or production scenarios where the pallet loading method proposed in the manuscript is applicable.

3. It is recommended to further describe in detail the process of experimenting with the method proposed in the paper. For example, the manuscript gives the PC computer configuration during the experiment, but details such as the software version installed by matlab, data input and calculation output, and the size of computing resources used in the running process should be further described clearly, for other scholars use it as a reference when researching similar issues.