

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

Gbeminiyi John Oyewoie

Potential competing interests: No potential competing interests to declare.

The authors have developed a pallet loading problem with some stability constraints which is claimed to be NP-hard . However the NP hard nature of the problem needs more explanations that currently done. See example in Oyewole, G.J. et al., 2021 Solving the facility location and fixed charge solid transportation problem. *Journal of Industrial and Management Optimization*, 17(4), pp.1557-1575.

The background needs more contextualization and the problem statement need more clarity (with diagrams or sketches etc), and motivation (reasons why the problem is important) to ensure readers can easily relate to the problem.

literature review covers heuristics and exact method in the field of pallet loading problem but this should be well linked to the problem statement to show relevant gap.

The author have used mathematical formulations of the problem and constraints but could use more visuals to partly show the branch and bound