

Review of: "Process knowledge graph modeling techniques and application methods for ship heterogeneous models"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

This paper presents a process knowledge representation model for ship heterogeneous model. The method can effectively acquire the process knowledge in the design case to realize the rapid design of ship process, . Taking the double bottom section of a ship as an example, this paper demonstrates the reliability and effectiveness of the method. In addition, the method improve the efficiency and intelligence of knowledge reuse in the process design of the heterogeneous model of a ship. Some minor revisions should be made before it can be published in Scientific Reports.

1. Is the design optimal solution obtained by this method one of the ones in the database, or can it be a new result?
2. The word above "Visualization" in Figure 8 is not clear, please modify it.
3. What are the advantages of this method compared to machine learning methods?
4. How the method takes into account the uncontrollability of weld strength?
5. Please introduce how to realize the parameterization of process features such as groove type