

Review of: "Optimized Material Removal and Tool Wear Rates in Milling API 5ST TS-90 Alloy: AI-Driven Optimization and Modelling with ANN, ANFIS, and RSM"

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Potential competing interests: No potential competing interests to declare.

The article appears and is within the scope of the journal. However, some comments should be noted.

- 1-Shorten the abstract of the article and express the achievements quantitatively and numerically at the end.
- 2-Add important achievements to the article in the format of High light text.
- 3-The content of the introduction about the background of the conducted researches is small, and in the field of material removal rates (MRRs) and tool wear rates (TWR) in mills, more discussion is needed, add more content to the text of the introduction.
- 4-At the end of the introduction text, clearly state the novelty of the article compared to previous methods and explain that the novelty of the study has not been sufficiently discussed.
- 5-Improve the image quality of Figure 1 in the article, it is suggested to show them as abstract graphics to show the prediction and modeling of the milling process and the achievements of the article.
- 6-Regarding each of the prediction models of RSM, ANOVA, ANN and ANFIS milling process, provide definitions and explanations in the relevant section of each.
- 7-Add to this article references related to the last three years on the subject of the research.