

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"

Siew Ling Hii

Potential competing interests: No potential competing interests to declare.

1. First paragraph of Introduction – check the capitalization of wordings, such as, Oil and Gas sector, Matrix Acidization, ... etc.
2. Equation 27 and Equation 28 are the coded equation or actual equation? Please state clearly in the paragraph.
3. Additional clarification is required regarding the impact of the perturbation graph deviation on the responses.
4. Sensitivity analysis procedures must be explained.
5. More information is needed to understand how "the synergistic interaction between the two independent variables" and the "elliptical nature of 3-D response surface" are related.
6. How does Figure 7 explain the antagonistic effect of feed rate (B) and DOC (C)?
7. Figure 16 should appear before Figure 17 in the text.
8. Figure 18, Figure 19, and Figure 22 are NOT mentioned in the text.