

Review of: "Dynamic structure factors and equation of state of fluid iron under Earth's core condition"

Nima Ahmadi¹

¹ Technical and Vocational University

Potential competing interests: No potential competing interests to declare.

1. The English of the paper needs a major revision.
2. The abstract should be shortened.
3. Some equations don't have citations.
4. In the validation (Fig.1), what is the main reason for the difference between the calculated and experimental results?
How much is the difference? It seems that the results are not validated!
5. It is recommended to use this paper in the literature review:
 - Investigation of solid/liquid interface evolution in the solidification process of liquid metal in an annulus crucible at the presence of static magnetic field: Numerical study