

Review of: "Analysis method of binary concentration-inhomogeneous systems"

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Potential competing interests: No potential competing interests to declare.

The referee's report on the paper "Analysis method of binary concentration-inhomogeneous systems" by Alexander Levinsky.

In the present paper, the method for the analysis of binary concentration-inhomogeneous systems is suggested.

I have the following remarks and recommendations.

The novelty of the method in comparison with the other methods should be clearly emphasized.

Is it reasonable to present the schematic dependence of the heat capacity on the temperature? I would suggest to present Figure 1 for the concrete values of parameters.

I only started to read the paper expecting the presentation of the results and suddenly... the references have appeared in the paper. Where are the results?

Conclusion should be written. All the main findings should be mentioned in Conclusion. By the way, why the references are written in Russian?

The sentence in Abstract: ``The method is based..." is unreadable and should be divided into 2 or 3 separate parts.

The paper needs the major revision. In the present form, I cannot recommend the paper to publication.