

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

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**Potential competing interests:** No potential competing interests to declare.

In the present study, author reported the manuscript titled "Analysis method of binary concentration-inhomogeneous systems"

In the manuscript, A. Levinsky reported a method for the analysis of binary concentration-inhomogeneous polymer-monomer systems. The method is based on measuring the dependence of the heat capacity of the polymerization mass on temperature in the temperature range, which comprises the glass transition range and comparing with the dependence of the heat capacity of the systems on temperature and concentration parameters, followed by the solution of the Fredholm integral equation of the first kind. Manuscript written in simple and concise manner. Also the author delineated the above method is a first example for the analysis of polymerizing MMA-PMMA system.

Therefore, the manuscript is suitable to publish in 'Qeios' after addressing the following corrections.

Give a brief note on conclusion/summary of the work and also scope of future work.

Incorporate how to calculate the method for Fredholm integral equation of first kind

Explain the difference between the terms inhomogeneous, heterogeneity, homogeneous and heterogeneous to understand the readers easily.