

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

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Potential competing interests: No potential competing interests to declare.

A short comment: When we adopt the actual function (4) as the kernel function of (3), we find by direct computation:

$$dC_{\{\text{Sigma}\}}(T)/dT > 0,$$

$$d^2C_{\{\text{Sigma}\}}/dT^2 > 0 \text{ at } T = 0,$$

$$d^2C_{\{\text{Sigma}\}}/dT^2 < 0 \text{ for sufficiently large } T.$$

Thus we have proved rigorously that there exists at least a single inflection point, which is notable.