

Zhang, Zhenhua**Asymptotic behavior of solutions to the phase-field equations with Neumann boundary conditions.** (English) [Zbl 1082.35033](#)

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The main result of the paper establishes that the global solution to the phase-field problem with Neumann boundary condition converges to an equilibrium as time goes to infinity. The basic tool in the proof consists of a Łojasiewicz-Simon type inequality.

Reviewer: [Dumitru Motreanu \(Perpignan\)](#)**MSC:**[35B40](#) Asymptotic behavior of solutions to PDEs[35K20](#) Initial-boundary value problems for second-order parabolic equationsCited in **32** Documents**Keywords:**[Łojasiewicz-Simon type inequality](#); [gradient system](#)**Full Text:** [DOI](#)