

Global attractors of the periodic initial value problem for Landau–Lifshitz–Bloch–Maxwell system

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Abstract

This paper is devoted to study the global attractors of the periodic initial value problem for Landau–Lifshitz–Bloch–Maxwell system. First we give the global existence of the smooth solution for this system. Then, we prove the existence of global attractors, the Hausdorff dimension and fractal dimension have been estimated.

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