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Abstract

New Advances in Numerical Micromagnetics Simulations

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After a brief introduction to micromagnetics, the speaker will present the Gauss-Seidel Projection Method, an unconditionally stable method for the Landau-Lifshitz equations. With this method we were able to correctly simulate the magnetization reversal process in a ferromagnetic sample in the presence of vortices.

¶ Presenter

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