

Dynamics of Domain Walls in the Antiferromagnetic Phase of Dysprosium: a Brief Review

[Iu. Liubimova](#)¹ and [S. Kustov](#)²

¹School of Photonics, [ITMO University, Kronverkskiy pr., 49, lit. A, St. Petersburg, 197101, Russia](#)

²Department of Physics, [University of Balearic Islands, Cra. Valldemossa km 7.5, Palma de Mallorca E07122, Spain](#)

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Corresponding author: [Iu. Liubimova](#)

Abstract. This paper gives a brief review on the dynamics of domain walls in antiferromagnetic dysprosium. We present an analysis of experimental studies on the nature of thermal hysteresis during cooling to the ferromagnetic phase and subsequent heating from it, scaling laws of hysteresis loops, nonequilibrium state of domain walls and relaxation processes in antiferromagnetic phase of dysprosium.

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