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Title:	Low temperature magnetic force microscopy on ferromagnetic and superconducting oxides
Authors:	Sirohi, Anshu (/jspui/browse?type=author&value=Sirohi%2C+Anshu) Sheet, G. (/jspui/browse?type=author&value=Sheet%2C+G.)
Keywords:	Vortices Superconducting SrRuO3 Ferromagnetic domain
Issue Date:	2016
Publisher:	American Institute of Physics
Citation:	AIP Conference Proceedings, 1731.
Abstract:	We report the observation of complex ferromagnetic domain structures on thin films of SrRuO3 and superconducting vortices in high temperature superconductors through low temperature magnetic force microscopy. Here we summarize the experimental details and results of magnetic imaging at low temperatures and high magnetic fields. We discuss these data in the light of existing theoretical concepts.
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