

Vortex Dynamics at the Transition to the Normal State in YBa₂Cu₃O₇-d Films

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ST1_Bernstein- We propose a description of the vortex dynamics for YBa₂Cu₃O₇-d films. According to this description: i) the vortex motion is thermally activated along the twin boundaries of the films; ii) pinning is due to intersections of twin boundaries and iii) the transition to the normal state is due to vortex depinning. The predictions of this description are compared to data published by González *et al.* [Phys.Rev. B68,054514 (2003)].

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