

Abstract :

Magnetic relaxation measurements in crystals, with moderate anisotropy, are analyzed nearby the fishtail line. It is found that plastic vortex creep takes place in a large domain of the H-T diagram above the fishtail line, whereas the elastic creep theory well describes the experimental behavior below this line. The field dependence of the activation energy obeys a power law behavior i.e. :  $U \propto B^v$ , with nearly the same values of the exponent  $v$  as it was found in  $\text{YBa}_2\text{Cu}_3\text{O}_7$  by Abulafia et al., in favor of some universal character of the creep in systems of moderate anisotropies.