

PARAMETRIC EXAMINATION
OF A PHENOMENOLOGICAL
MODEL OF FERROMAGNETIC HYSTERESIS

Krzysztof CHWASTEK

ABSTRACT *A concept of a phenomenological model of hysteresis loop, compliant with the principles of non-equilibrium thermodynamics, has been presented. The Jiles-Atherton description has been criticized. An analysis of the influence of variations of model parameters on the shape of the hysteresis loop has been carried out.*