



Agricultural Journals

Research in

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Subscription

Res. Agr. Eng.

R. Chotěborský¹, D.

Herák², V.

Bezouška³, P. Hrabě¹,

Mathematical function for the transition curves description

Res. Agr. Eng., 51 (2005): 85-90

Toughness is one of important material properties. At present steel is still the most used material. Owing to the temperature this material can fail both brittly and ductily. Therefore we look for the temperature above which the material will fail ductily. The Charpy impact test is one of methods how to determine the ductility by the temperature – transition access in the determined temperature range. The measured data file is large and it requires the interlay by a curve