

The Study of Transient Regimes for a Shell-Type Transformer

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Abstract—The transient no-load regime and transient sudden short-circuit regime, of a small power shell-type transformer, will be studied in this paper. Will be determined the current variation in the primary circuit both analytically and by numerical analysis based on finite elements method (FEM). The software used for study is MagNet, developed by the Infolytica Company.

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