

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

**IEC 60404-2**  
Amendment 1 to edition 3.0 2008-04

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**MAGNETIC MATERIALS –**

**Part 2: Methods of measurement of the magnetic properties of electrical steel strip and sheet by means of an Epstein frame**

**MATÉRIAUX MAGNÉTIQUES –**

**Partie 2: Méthodes de mesure des propriétés magnétiques des bandes et tôles magnétiques en acier au moyen d'un cadre Epstein**

**CORRIGENDUM 1**

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

Replace Formula (A.3) with the following new formula:

$$P_s = \frac{1}{l_m A \rho_m} \left( \frac{N_1}{RN_2} \frac{1}{T} \int_{t=0}^T U_1(t) U_2(t) dt - \frac{\tilde{U}_2^2}{R_i} \right) \cong \frac{1}{l_m A \rho_m} \left( \frac{N_1}{RN_2} \frac{1}{n} \sum_{j=0}^{n-1} u_{1j} u_{2j} - \frac{1}{R_i} \frac{1}{n} \sum_{j=0}^{n-1} u_{2j}^2 \right) \quad (\text{A.3})$$

Add the following terms to Formula (A.3):

$R_i$  is the combined equivalent resistance of the instruments in the secondary circuit, in ohms;

$\tilde{U}_2$  is the r.m.s. value of the voltage induced in the secondary winding, in volts.