

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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**IEC 62044-2**  
Edition 1.0 2005-03

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**CORES MADE OF SOFT MAGNETIC MATERIALS –  
MEASURING METHODS –**

**NOYAUX EN MATÉRIAUX MAGNÉTIQUES DOUX –  
MÉTHODES DE MESURE –**

**Part 2: Magnetic properties at low excitation  
level**

**Partie 2: Propriétés magnétiques à niveau  
d'excitation faible**

**CORRIGENDUM 1**

Corrections to the French version appear after the English text.

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

**3.1**

Replace Formula (2) with the following:

$$V_m = \sqrt{\sum_{n=2}^{\infty} V_n^2}$$

**3.2**

Replace Formula (3) with the following:

$$THD_F = 20 \lg \left( \frac{V_m/V_f}{\mu_{ea} \cdot CCF} \right)$$

Replace Formula (4) with the following:

$$V_m = \sqrt{\sum_{n=2}^{\infty} V_n^2}$$

## 12.2 Measuring coil

*Replace, in item a), the first sentence with the following:*

Coils for cores consisting of more than one part shall, when possible, be designed so that the frequency at which  $Q$  is maximum for the core-coil combination is much lower than the measuring frequency, so that the coil loss can be neglected.

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