CEI 60205
(Deuxième édition – 2001)

Calcul des paramètres effectifs des pièces ferromagnétiques

IEC 60205
(Second edition – 2001)

Calculation of the effective parameters of magnetic piece parts

CORRIGENDUM 1

Page 8

3.1.3

Remplacer les mots 'section transversale rectangulaire' *par ce qui suit:*

section transversale trapézoïdale

Page 9

3.1.3

Replace the words 'For ring cores of rectangular' *by the following:*

For ring cores of trapezoidal

Page 18

3.6 Paire de circuits magnétiques en pots

Remplacer, page 18, l'équation

$$S_2 = -\frac{d_2}{2} + \sqrt{\frac{1}{8}\left(d_1{}^2 + d_2{}^2\right)}$$

par ce qui suit:

$$S_1 = -\frac{d_2}{2} + \sqrt{\frac{1}{8}\left(d_1{}^2 + d_2{}^2\right)}$$

Remplacer, page 20, l'équation

$$S_1 = \frac{d_3}{2} - \sqrt{\frac{1}{8}\left(d_3{}^2 + d_4{}^2\right)}$$

par ce qui suit:

$$S_2 = \frac{d_3}{2} - \sqrt{\frac{1}{8}\left(d_3{}^2 + d_4{}^2\right)}$$

Page 19

3.6 Pair of pot-cores

Replace, on page 19, the equation

$$S_2 = -\frac{d_2}{2} + \sqrt{\frac{1}{8}\left(d_1{}^2 + d_2{}^2\right)}$$

by the following:

$$S_1 = -\frac{d_2}{2} + \sqrt{\frac{1}{8}\left(d_1{}^2 + d_2{}^2\right)}$$

Replace, on page 21, the equation

$$S_1 = \frac{d_3}{2} - \sqrt{\frac{1}{8}\left(d_3{}^2 + d_4{}^2\right)}$$

by the following:

$$S_2 = \frac{d_3}{2} - \sqrt{\frac{1}{8}\left(d_3{}^2 + d_4{}^2\right)}$$

Remplacer, page 20, l'équation

$$\frac{l_2}{A_2} = \frac{a - d_3}{\pi^2 a d_3 h^2}$$

par ce qui suit:

$$\frac{l_2}{A_2^{\,2}} = \frac{a - d_3}{\pi^2 a d_3 h^2}$$

Remplacer, page 20, l'équation

$$l_4 = l'_4 + l''_4 = \frac{\pi}{4}(2S_2 + h)$$

par ce qui suit:

$$l_4 = l'_4 + l''_4 = \frac{\pi}{4}(2S_1 + h)$$

Remplacer, page 20, l'équation

$$l_5 = l'_5 + l''_5 = \frac{\pi}{4}(2S_1 + h)$$

par ce qui suit:

$$l_5 = l'_5 + l''_5 = \frac{\pi}{4}(2S_2 + h)$$

Remplacer, page 20, l'équation

$$A_4 = \frac{1}{8}(\pi - 2\theta)\left(d_1^{\,2} - d_2^{\,2}\right) + \frac{\pi}{2} d_2 h$$

par ce qui suit:

$$A_4 = \frac{1}{8}(\pi - n\theta)\left(d_1^{\,2} - d_2^{\,2}\right) + \frac{\pi}{2} d_2 h$$

Remplacer, page 20, l'équation

$$\frac{l_6}{A_6} = \frac{d_2 - a}{a d_2 (\pi - n\theta)^2 h^2}$$

par ce qui suit:

$$\frac{l_6}{A_6^{\,2}} = \frac{d_2 - a}{a d_2 (\pi - n\theta)^2 h^2}$$

Replace, on page 21, the equation

$$\frac{l_2}{A_2} = \frac{a - d_3}{\pi^2 a d_3 h^2}$$

by the following:

$$\frac{l_2}{A_2^{\,2}} = \frac{a - d_3}{\pi^2 a d_3 h^2}$$

Replace, on page 21, the equation

$$l_4 = l'_4 + l''_4 = \frac{\pi}{4}(2S_2 + h)$$

by the following:

$$l_4 = l'_4 + l''_4 = \frac{\pi}{4}(2S_1 + h)$$

Replace, on page 21, the equation

$$l_5 = l'_5 + l''_5 = \frac{\pi}{4}(2S_1 + h)$$

by the following:

$$l_5 = l'_5 + l''_5 = \frac{\pi}{4}(2S_2 + h)$$

Replace, on page 21, the equation

$$A_4 = \frac{1}{8}(\pi - 2\theta)\left(d_1^{\,2} - d_2^{\,2}\right) + \frac{\pi}{2} d_2 h$$

by the following:

$$A_4 = \frac{1}{8}(\pi - n\theta)\left(d_1^{\,2} - d_2^{\,2}\right) + \frac{\pi}{2} d_2 h$$

Replace, on page 21, the equation

$$\frac{l_6}{A_6} = \frac{d_2 - a}{a d_2 (\pi - n\theta)^2 h^2}$$

by the following:

$$\frac{l_6}{A_6^{\,2}} = \frac{d_2 - a}{a d_2 (\pi - n\theta)^2 h^2}$$