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Inductors and Transformers for Power Electronics
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1) Introduction:
Page v:
The affiliation of Vencislav Cekov Valchev should be:
Technical University of Varna
Varna, Bulgaria

2) Page 27
Four lines after eqn. (1.64), replace zero by one:
Then the coupling coefficient is zero. -> Then the coupling coefficient is one.

3) Page 33, top of the page:
Interchange (A) and (B).

4) Page 49 equation (2.30): replace d_p by $d_{p,orig}$

5) Page 49 explanation after (2.31) remove factor 2, two times
it is ρ_{cu} and not $2\rho_{cu}$

6) Page 127 table 3.4:
δ_g [°] ->δ_g [rad]

7) Page 195:
Equation 5.70 : left side must be squared.

8) Page 195:
Equation 5.71 : left side must be divided by a^2.

9) Page 200:
Equation (5.83) remove the factor μ_0 before H_{rms}

10) Page201 in equation (5.86):
It is “1.5/ζ” and not “1.5 ζ”

11) Page 331
replace:
“This approach allows presenting the eddy current losses more clearly and more precisely”
by:
“A case where orthogonality is obtained is where each frequency component from "magnetising" and "leakage" field is shifted by π/2. This is mathematically obtained for a duty ratio D= 0.5 or for a magnetizing m.m.f. without ripple (large magnetizing inductance). For other cases the approximation is still good: for duty ratios < 90% the local errors on eddy current losses are below 6%, which results in total errors on eddy current losses which are usually below 1%, so that in practice, the separation still can be done, although the pure orthogonality is not present.

12) Page 331, equation 8.28, two last lines:
$F_{l1} = F_1 (1-D) – F_2 D$ $\quad$ $F_{l1} = -F_1 (1-D) + F_2 D$

$F_{m1} = F_m D$ $F_{m2} = F_m (1-D)$

13) Page 332, figure 8.29:
Draw F_{m2} about three times bigger so that also in the drawing $F_{m1}+F_{m2}=F_m$

14) page 385 NTC for the 90 and 100°C,
Two values are wrong in the middle column are wrong (manufacturer data):
Good values: for the three columns:

90	0.09155	0.09186
100	0.06781	0.06849
105	0.05868	0.05949

15) page 395 Figure 11.6 (a),
L_b -> L_a

16) Page 435 American wire gauge:
In the third column the values are 10 times too large
Example: first two rows:

0000	107.27	0.1608	11.68
000	85.03	0.2027	10.4

Additional typing error: the value of AWG#13 is 6.564 and not 6.964

13	2.626	6.564	1.90

Laboratory web site:

http://www.eesa.ugent.be