

ERRATA
for
ELECTRIC MACHINERY
6'th edition

- Page 47: The label in the core of Figure 1.28 should read μ , not $\mu \rightarrow \infty$
- Page 47: The first sentence of Problem 1.15 should read

Consider the cylindrical magnetic circuit ...

and part a) of Problem 1.15 should read

Find the value of the radius R_3 such that

- Page 71: The 4'th line following Eqn. 2.23 should read

... parallel combination of R_c and X_m as the *magnetizing* ...

- Page 79: Eqn. 2.36 should read

$$|Z_\varphi| = \frac{V_{oc}}{I_{oc}}$$

- Page 93: The second sentence following Practice Problem 2.8 should read

An ideal current transformer would accurately measure current

- Page 132: In the solution to Example 3.5, the sentence which begins

Note that from Eq. 3.46, the ...

should read

Note that from Eq. 3.42, the ...

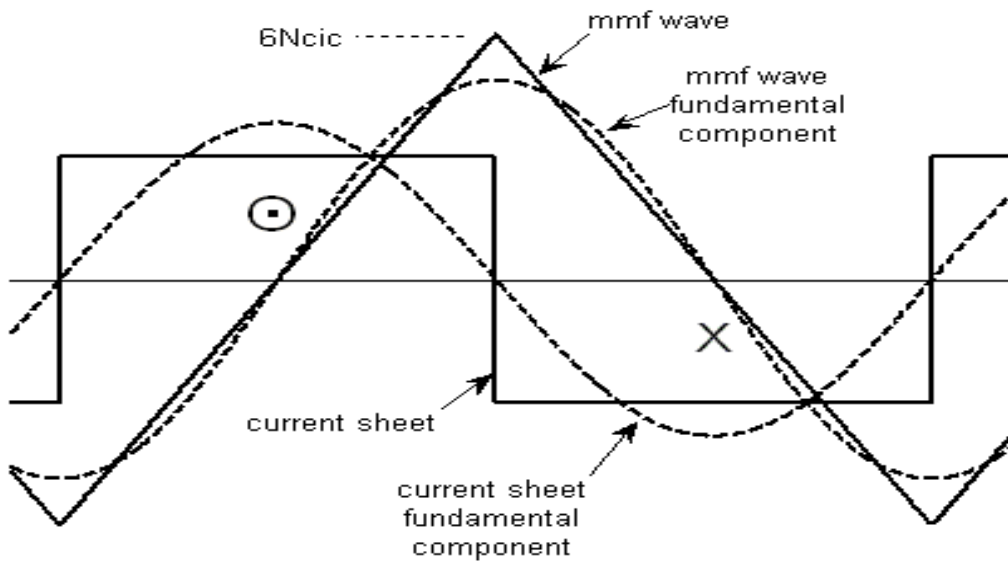
- Page 133: The solution to Practice Problem 3.5 should read

$$f_{fld} = - \left(\frac{L_0 I_0^2}{d} \right) \left(\frac{x}{d} \right)^5$$

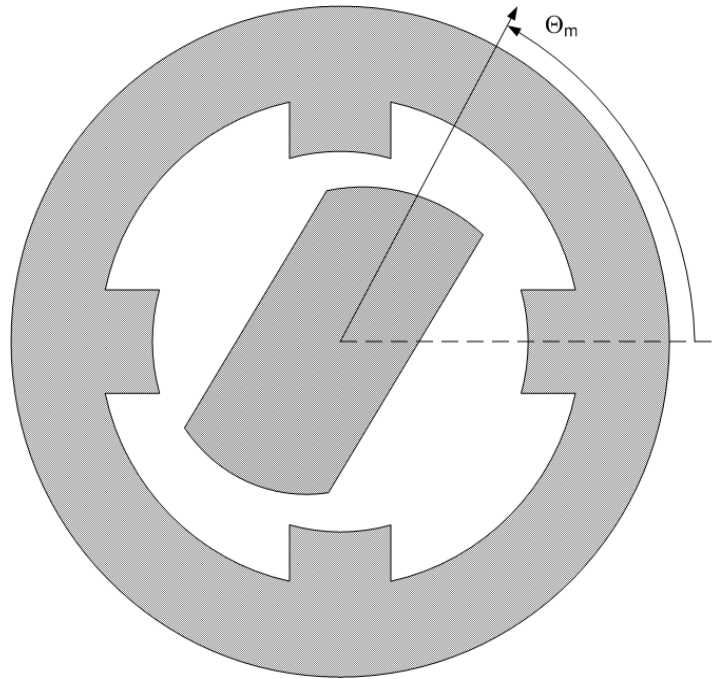
- Page 192: Practice Problem 4.1 should read

Calculate the winding factor of the phase-a winding of Fig. 4.20 if the number of turns in the four coils in the two outer pairs of slots is equal to six while the number of turns in the four coils in the inner slots is equal to eight.

- Page 195: Fig. 4.23(c) should be



- Page 418: Fig. 8.6(a) should be



- Page 618: The third line of Problem 11.1 should read
... resistance of $145 \text{ m}\Omega$...
- Page 633: The third line following Eqn. A.16 should read
... is said to be *lagging*; if θ is positive, then ...