

Errata

Elements of Power Electronics, second edition.

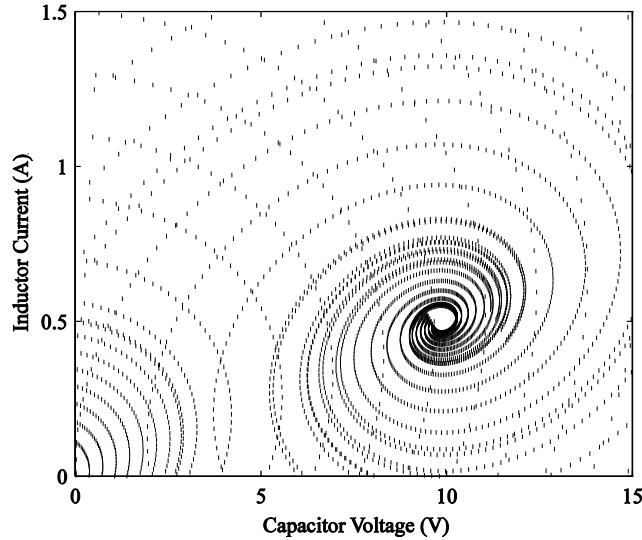
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Figs. 15.5 and 15.6 somehow did not reproduce properly in the printing process.

The original of Fig. 15.5:



The original of Fig. 15.6:

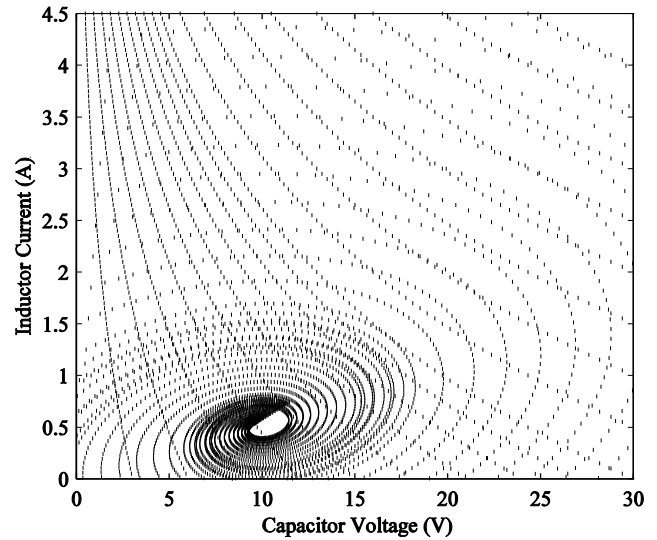


Fig. 2.50: The horizontal line that defines the bottom connections was cropped out in printing.

Fig. 2.51: The horizontal line that defines the bottom connections was cropped out in printing.

Fig. 4.71: The inductor symbol is missing next to L_{in} .

Fig. 5.40: The horizontal line that defines the bottom connections was cropped out in printing.

p. 329, center, the reference current is $I_{ref} = 0.5$ A.

p. 555, eq. (11.33): The factor of D_1 in the numerator should not be present, as that term in (11.32) has been replaced with k_p .

p. 566, eq. (11.45): The factor of D_1 in the numerator should not be present, so in the lower part of the equation, the numerator value should be 12 V instead of 3.3 V. The effect in Fig. 11.39 is that the magnitude is shown low by a factor of 12/3.3, a vertical shift upward by 11.2 dB in the magnitude would correct this. The angle is unchanged.

p. 664, problem 13.5 part b, $q_{2,2}$ is delayed from $q_{1,1}$ by 1/4 of a switching period...

p. 665, problem 13.2, the modulating function is $\cos^{-1}[k \cos(\omega_{out}t)]$.

Fig. 14.21: The horizontal line that defines the bottom connections was cropped out in printing.

Fig. 14.24: The equations and results are consistent if the arrow direction shown for i_d is reversed.

p. 730: second paragraph, the boundary is the line $k_v(v_C - V_{out}) + k_i(i_L - V_{out}/R_{load}) = 0$.