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Chapter 1 P1.3. (a)

From Fig. 1.18(a),

$V_{o,dc} = 0.32$ pu.

From Eq. (1.44), V

$o, dc = \frac{1}{\pi} [1 +$

$\cos (90^\circ)] =$

0.318 pu (b) From

Fig. 1.18(a), $V_{o,1,p}$

$= 0.5$ pu. Thus,

$V_{o,1} = 0.5/\sqrt{2} =$

0.35 pu P1.4. (a)

From Fig. 1.18(b),

$V_{o,1,p} = 0.6$ pu V

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