

$$r = 25.0 \Omega$$

$$I = 50.0 \mu\text{A} = 50.0 \times 10^{-6} \text{A}$$

$$V = 0.100 \text{V}$$



$$V = I R_{\text{eq}}$$

$$R_{\text{eq}} = R + r$$

$$V = I(R + r) = IR + Ir$$

$$\tau_P = V - Ir$$



Chapter 21 Physics Principles Problems Study Guide Answers

Eugene Hecht



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Physics for Scientists and Engineers Study Guide Todd Ruskell, 2007

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