

$$r = 25.0 \Omega$$

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

$$V = 0.100 V$$



$$V = I R_{eq}$$

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

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

$$\tau_P = V - Ir$$

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