

Analog Electronics

Hwk 10a

A Zener diode whose nominal voltage of **6 V** at **5 mA** has an incremental resistance of **80 ohms**.

a) What voltage do you expect if the diode current is halved?

b) What voltage do you expect if the diode current is doubled?

c) What is the value of V_{z0} in the Zener model?