

**Special Problem 3.2-2**

The diodes in this circuit are **identical junction** diodes.

The diodes have device parameters  $n = 1$  and  $I_S = 10^{-12}$  A.

The voltage across the resistor is known to be  $V_R = 0.6$  V.

What is the **exact** value  $I$  of the current source?

Do not use diode models (e.g. ideal, CVD, PWL) to solve this circuit, use the junction diode equation.

