

Special Problem 3.2-3

The circuit below contains two **pn junction diodes**.

The two junction diodes are **identical**.

The ideality factor for both diodes is $n = 1.0423$, and the scale current is $I_s = 10^{-13}$.

The voltage across the 2K resistor is **2 volts**.

Without using diode models (i.e., use junction diode equations), **find** the value of resistor **R**

