

Special Problem 3.2-8

In the circuit below:

Resistor R_3 has a voltage of 1.4 V across it.

For junction diode D_1 , $n = 1$ and $I_s = 7.55 \times 10^{-14}$ A.

For junction diode D_2 , $n = 1$ and $I_s = ??$.

Using the **exact** junction diode equation (do **not** use diode models), determine the value of scale current I_s for junction diode D_2 .

