## Special Problem 3.2-7

The junction diodes in the circuit below are identical, with idealty factor $n=1.0$ and scale current $I_{s}=10^{-13} \mathrm{~A}$.

A current of 6.0 mA is flowing through resistor $\boldsymbol{R}_{3}$.

Determine the value of resistor $R_{4}$ in the circuit below.


