

Special Problem 3.3 - 18

The voltage source at the **bottom** of the circuit below produces a **small AC signal** $v(t)$.

The junction diodes both have an ideality factor of $n = 1.0$

The **capacitor** in the circuit is **extremely large**.

Determine the **small-signal voltage** across each junction diode, and the **small-signal current** through each junction diode, **in terms of** small-signal voltage source $v(t)$.

