

### Special Problem 3.2-5

The junction diodes in the circuit below are **identical**, with ideality factor  $n=1.0$ .

Both diodes exhibit a current of 5.0 mA if a voltage of 0.600 V is placed across them (**Hint**: This does **not** mean that the current through the diodes in the **circuit** below is 5.0 mA !).

Determine the values current  $I$  and voltage  $V$  in the circuit below.

