

### Special Problem 3.4 - 6

Replace the Zener diode  $D_1$  with a **Zener CVD model**. Assume the **ideal** diode in this model is **forward** biased.

Replace the junction diode  $D_2$  with a **CVD model**. Assume the **ideal** diode in this model is **reverse** biased.

Using these assumptions, determine the values of **currents**  $i_3$ ,  $i_4$ , and  $i_5$ .

Determine if each **ideal** diode assumption was correct (do **not** change assumptions or rework the problem if assumptions were incorrect).

