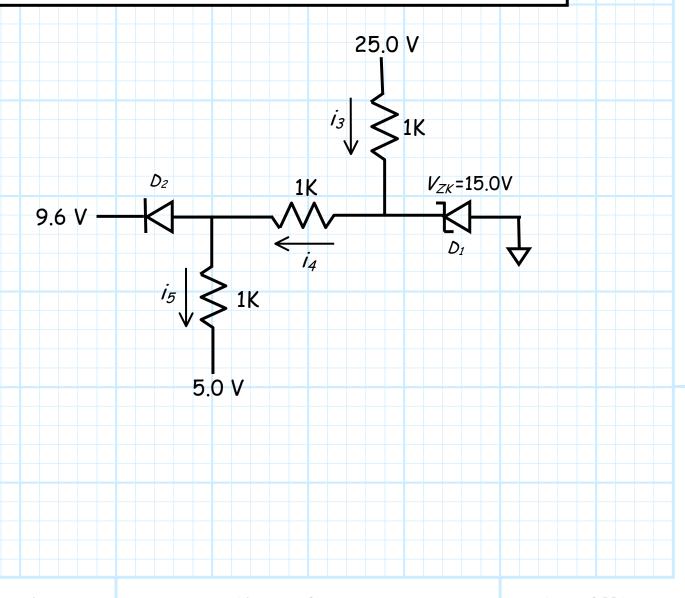
Special Problem 3.4 - 6

Replace the Zener diode D_I 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).



Jim Stiles The Univ. of Kansas Dept. of EECS