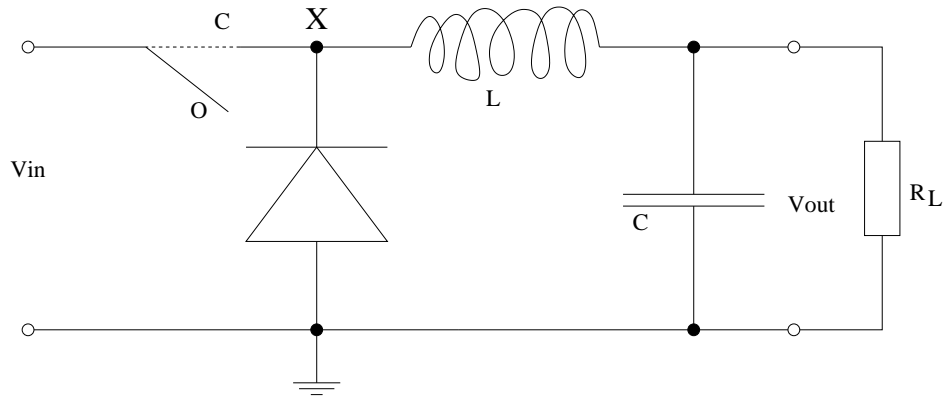


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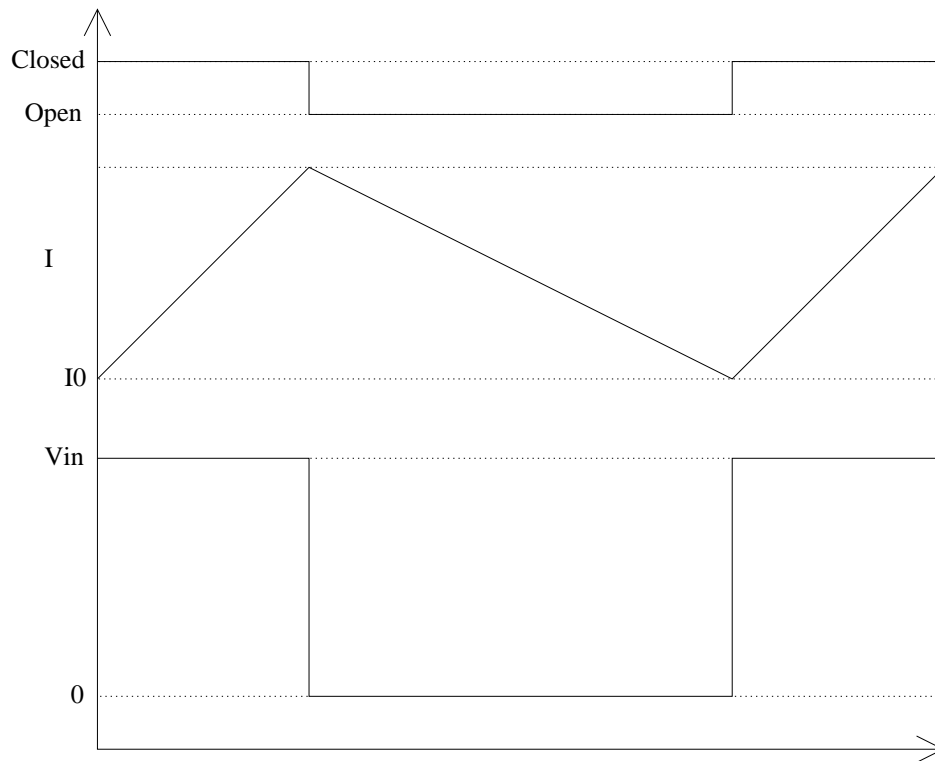
Handout 2

The Step-Down regulator in discontinuous mode.

The Step-down switching regulator looks like this:



We will first plot the inductor current and voltage V_X for continuous operation. Here it is



Next, we will plot the inductor current and voltage V_X for discontinuous operation. Here it is

