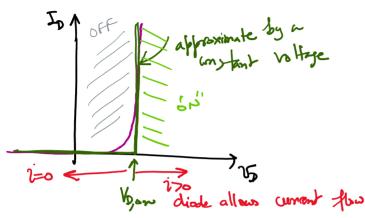


Constant Voltage Hodel

non linear I-V curve analysis is not straightforward.



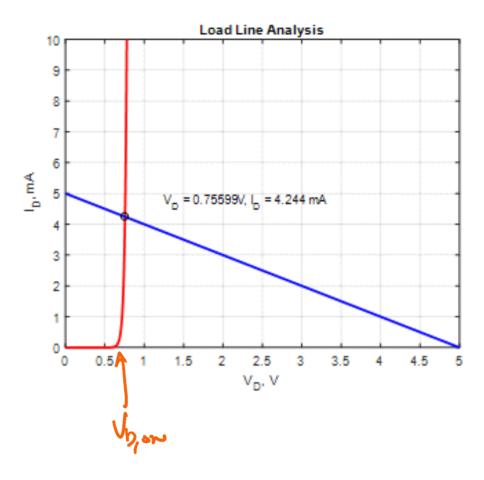
Can approximate the field bias region by a constant Us, on

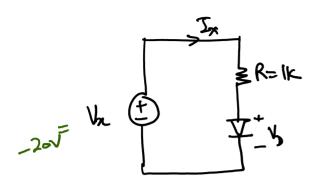
Reverse Bias \longrightarrow = $V_{D,an}$

forward Bias = - - - Vojen

The diode is turned on when the find bias voltage is

VD > VD, on
LD 0.8V

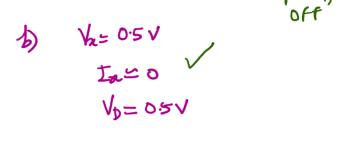




$$V_{x}=3V + V_{x}=0.5V$$

$$V_{0}=3V$$

$$V_{0}=V_{0}=0.8V$$



Reverse Recovery of a Diode:

