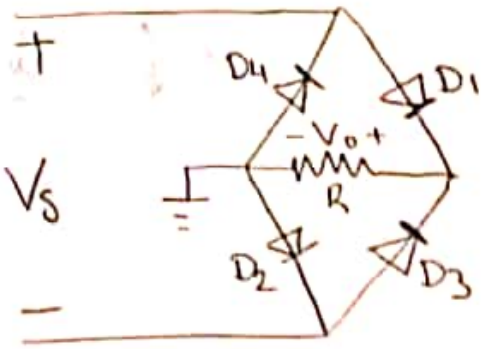
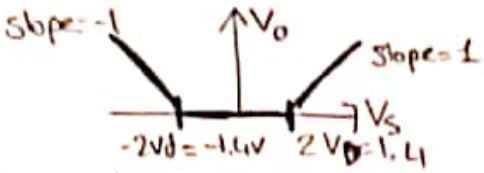
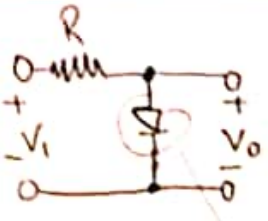


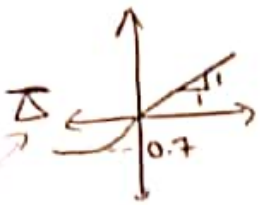
Draw the transfer characteristic of given full-wave rectifier

If $V_S > 2V_D \sim 1.4V$ then $V_o = V_S - 2V_o$

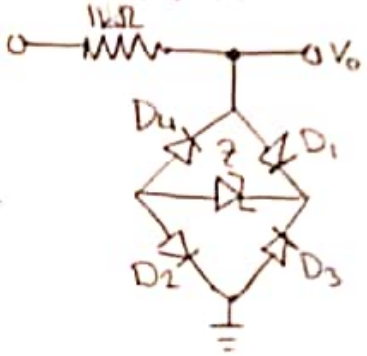
If $V_S < -2V_D \sim 1.4$ then $V_o = V_S + 2V_o$

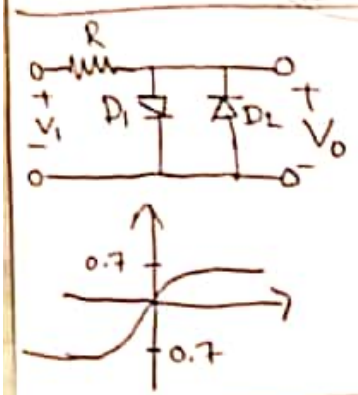


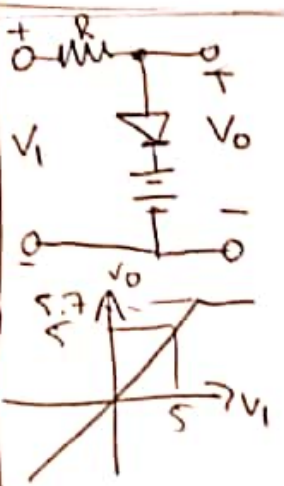




$-15V \le V_I \le 15V$



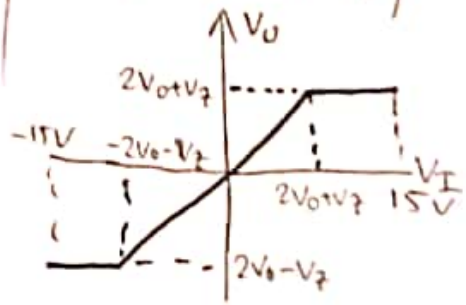


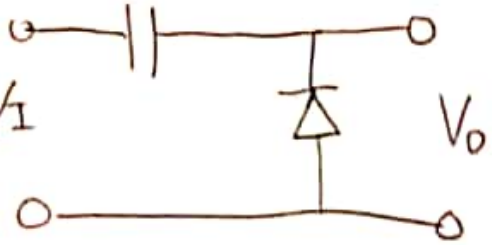


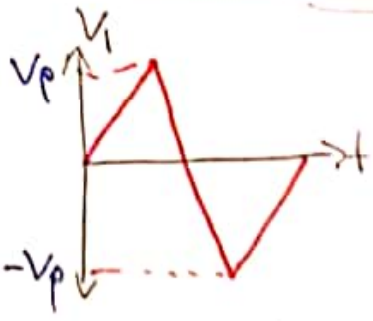
If $V_I > 2V_o + V_z$ then $V_o = 2V_o + V$

If $V_I < -(2V_o + V_z)$ then

$V_o = (-2V_o - V_z)$







Plot t vs V_o