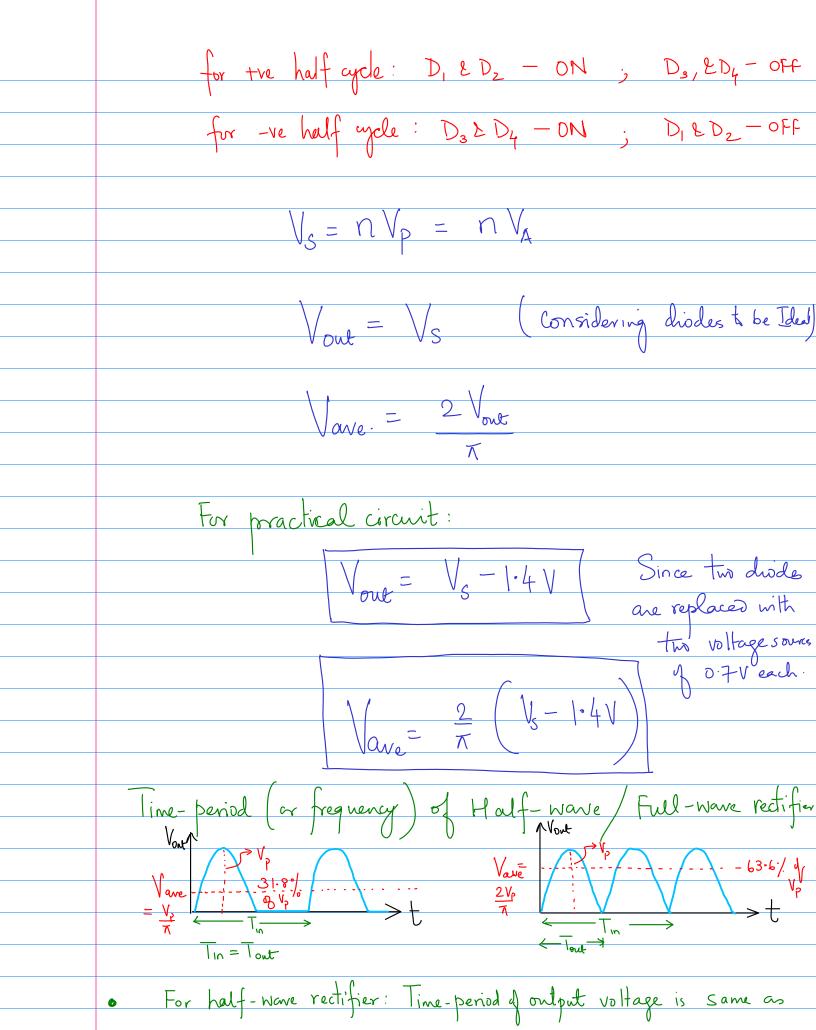
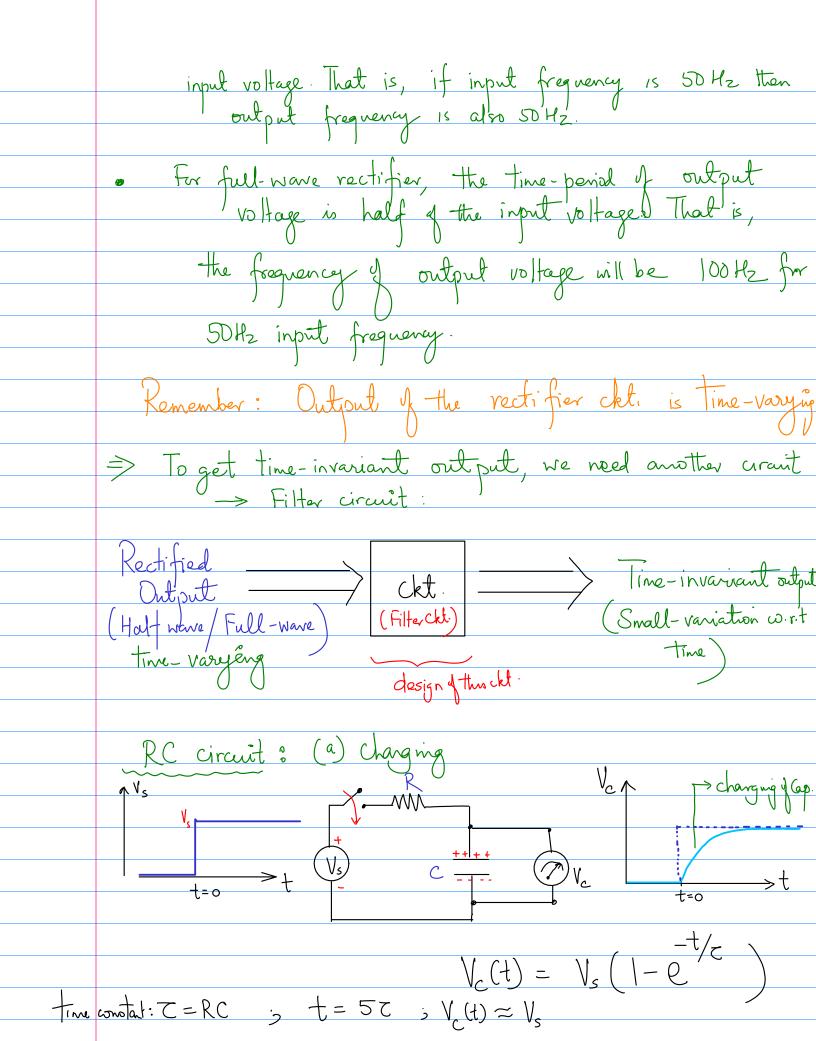
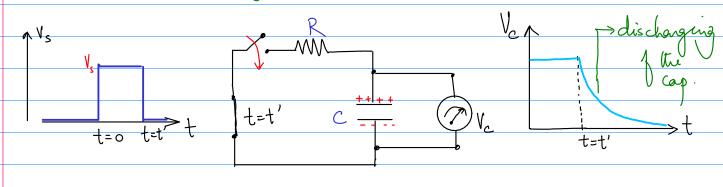
Rectifier and Filter Circuits

Recop: rectifier circuit tre half ayele: Di is ON -ve half eyele: D, is OFF No Via VaSin wt (House hold power suply) Center Tappar Ideal Transformer For practical disde; Vare; = 2Vp, nt Vs -0.7V Alternate circuit for full-wave rectifier:









$$V_c(t) = V_s C \qquad \qquad 7 = RC$$

When
$$t=5\tau$$
, then $V_c\approx 0$

