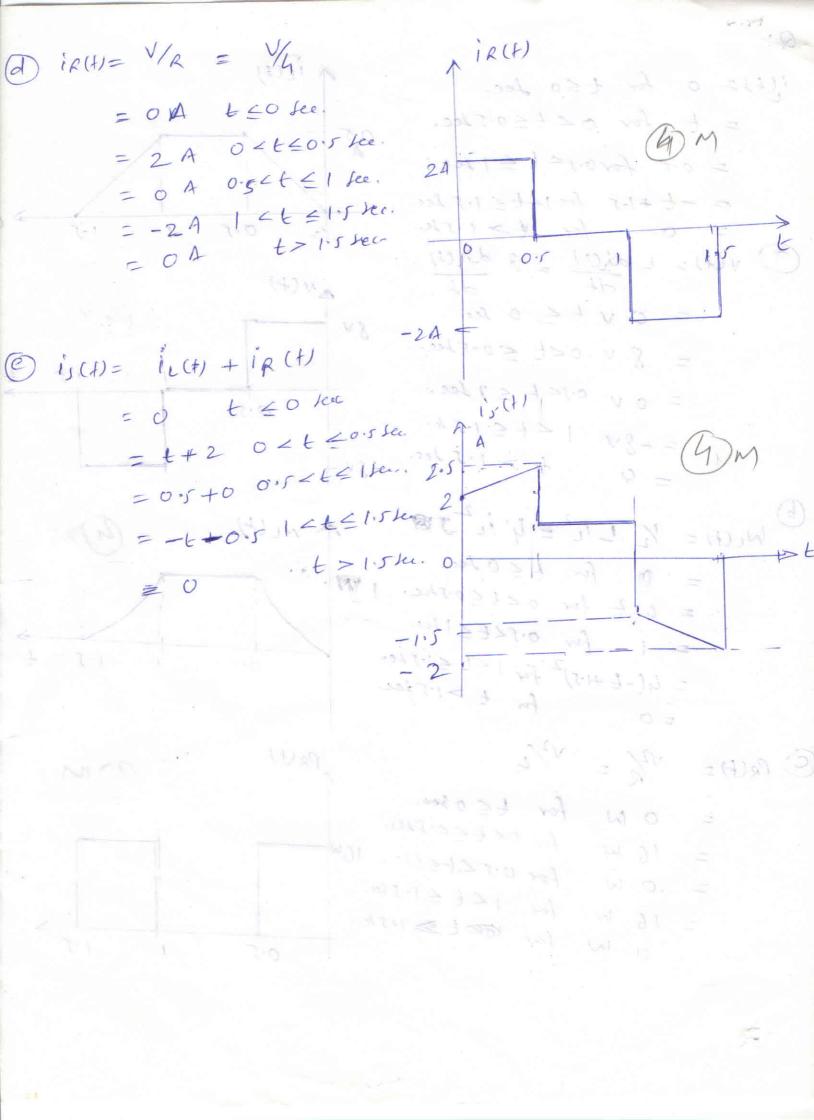
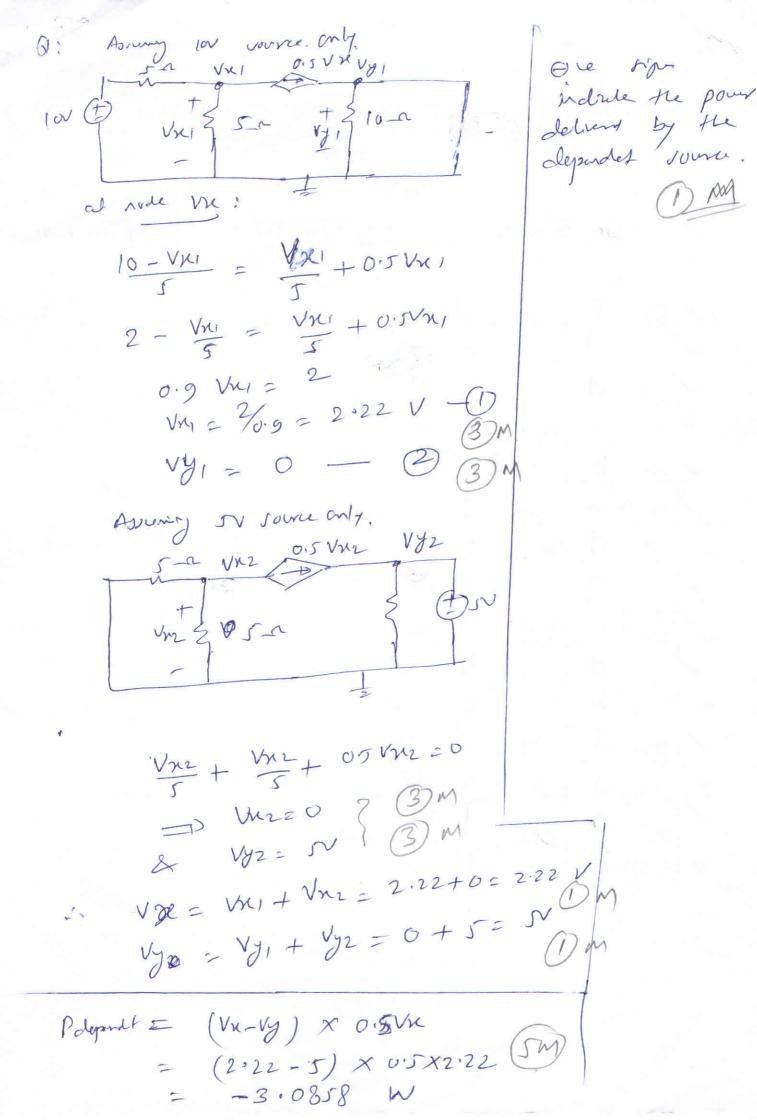
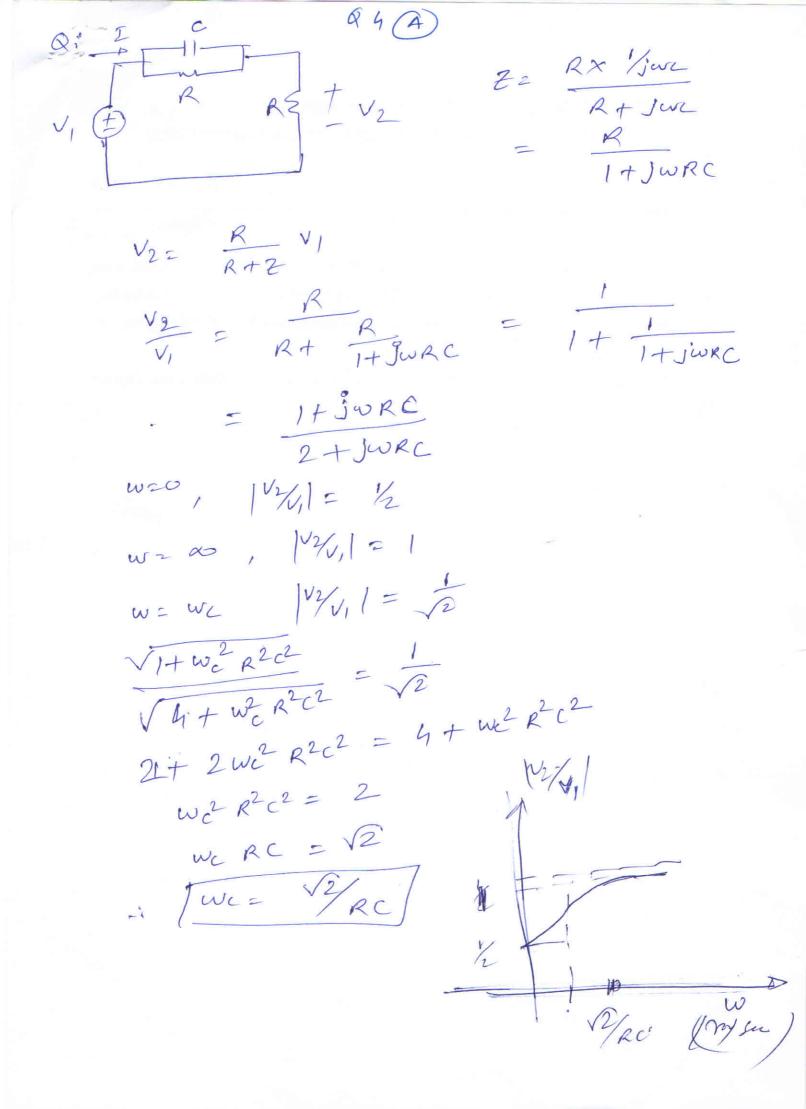
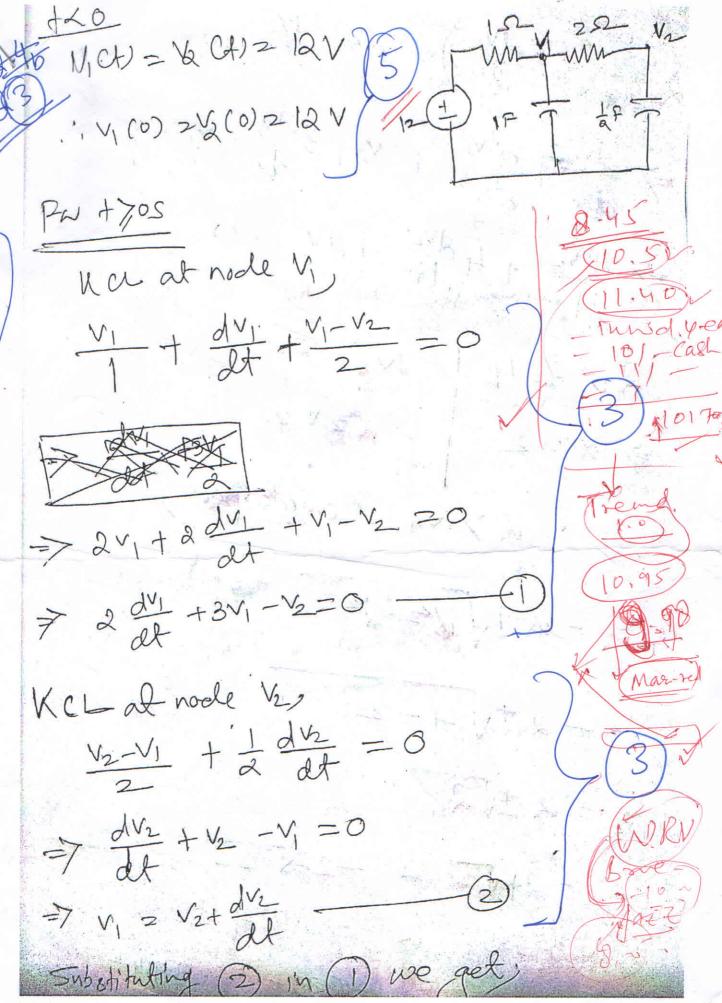
Q: A ILCH i(+)= 0 for t ≤0 Lee. = t for Oct=0.5 lee. 05 = or for orsat = 1 fee. = -t+1.5 for 14t < 1.5 See. 0 0.5 1- 1.5 = 0 for t>1.5h (a) v(i) = L di(i) = 8 di(i) AV(+) = OVECOSee. = 8 v oct =0.5 lee. = ov oset & 1 See. 0.5 =-8V 1 < t < 1.5k. + > 1.5 Jec. -84+ Wich = 1/2 Lie = 4 il J: Will -= 0 for t \le 0 dec. = 4t2 for oct 60.5he. 1 J = 1 for 0.52t & 1 he. = 4(-6+1.5)2 fu 1 < 6 < 1.5 /e. for t>1.5 lec. =0 PRCF) @ PRCH = 1/4 = O W for E = 0 see. = 16 W for 0< t < 0.5 leo = O IN for O.S Et Elle. 16W = 16 W for 12 t = 1.5 les. to to losk. = 0 W fw









2 d (v2+ dv2) + 3 (v2+ dv2)-V2= =>2 dv2 +20 2 + 3 v2 + 3 dv2 - v2 $= \frac{d^2v_2}{d+2} + \frac{4dv_2}{d+2} = 0$ (overdampeel