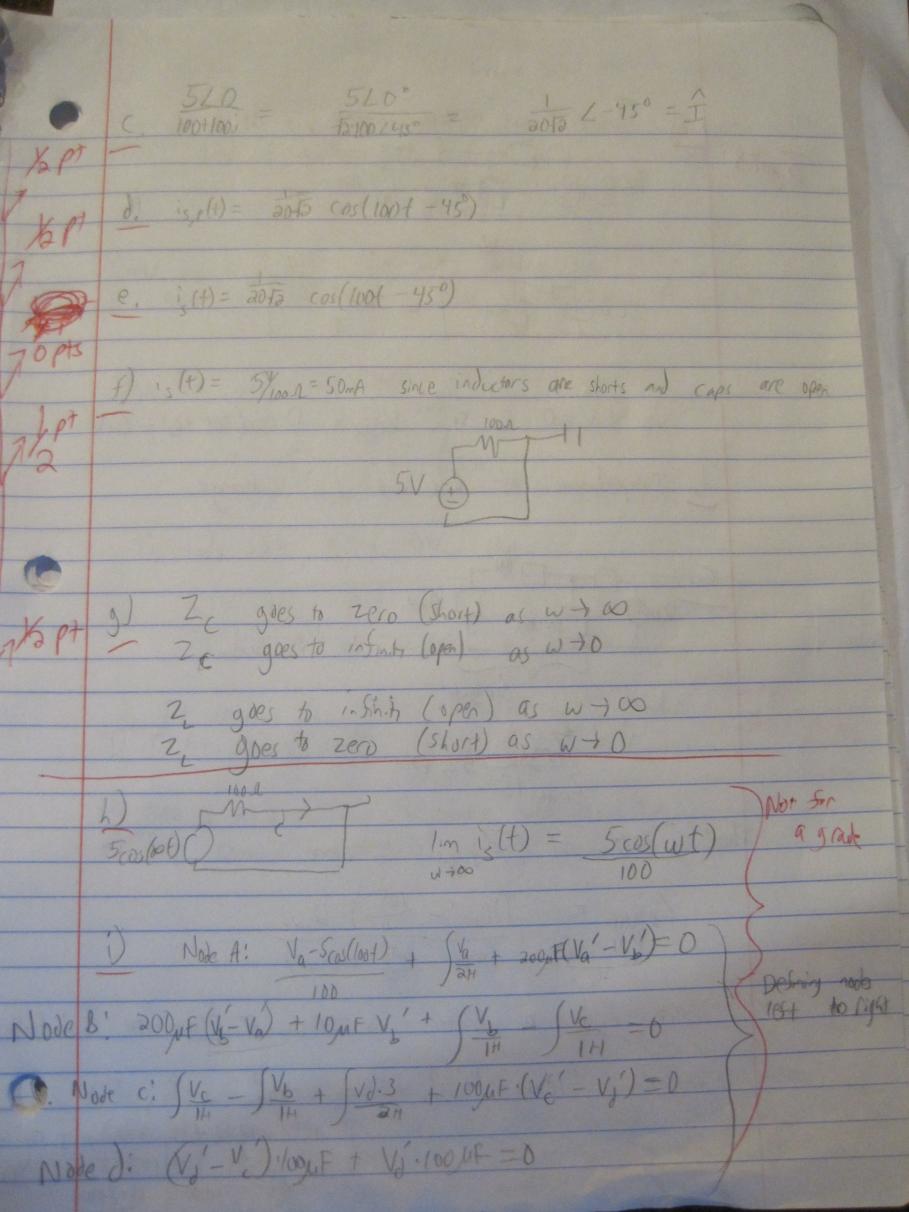
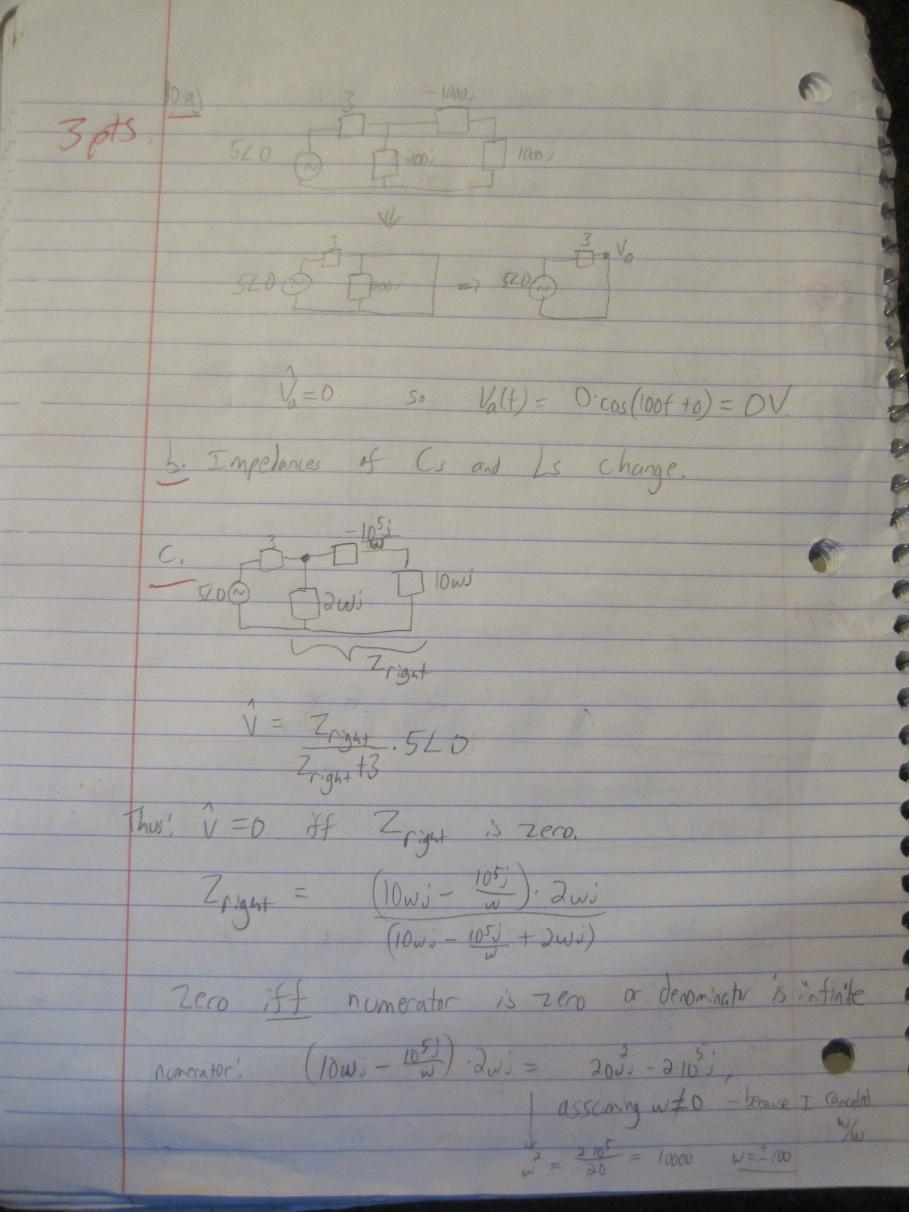


5) 9(5.83 (100)(4/0,87) (1/2-0,349) 1630 LIRE tota 1 1 2.7461 + 163,2436 Note that with such an extreme angle rounding errors can be picetty big so full credit Klep this in mind it you're doing some design problem someday b) (10L08727)/L 0,349) = 10L1,2218 13 4195 + 93972 5 10 L 0.8727 · Cw 10 L (w+0.8727) 110 cos(w+0.8727) e jo jut = 1F/e 1(0 + wt) Note this is not IFICO TElcos(wt + 0) another may to Write IELE

& NA greation 6 7. 7000-input response is when Vo =0 1pt B/2L = 15 = 75x10 W = TIC = TID=14 = 107 = 107 5. 13e 8 These could also be -510, 5137 -51-79 TT. -5+0; [NOT 5+0.5]!! b. 13 cos (20t + 0,588) or 36.990 pps total [200j [-1000j [] 300. Using 20= Jul = - 3000 Z= jwl = 1003L (-100) + -100) 11 300; +100) 11 -1000) -50;) 11200;) + 100 100) (2001 11 -1000) = 250i (20011/200) = 1001 [Zea= 100+ 1000] (so, for example, Zeg could also be from much simpler - My





because 500s(-100+) = 500x(100+) That's kind of another is. Then checking w=0, we have 7 = 0.00 Could use 1 Hoptal's rule, but better way is to abandon phosons since V(t) is no longer A(& w=0. Thus we just consider: 9 In stady state Va(t) = OV So tw=-100 and w=0 give same arsuent I It decays to zero. Increasing R makes J-not state susten susten R makes J-not grade No time to write solutions for extra problems, email met or come to office hours. * At Sirst, I seemed bizarre to write a personal message on a Piece of paper to be read by other people. Then I remembered that all those suckes before us actually did this as a primary form of communication