2084 whitehead Phys 2 & V1069343 Midter 2 Part I C1=C2=C3=Cy= (=2.00MF DV=25.0V (2,3,4 = (1 + 1) - (1 + 1) - 2 MF Cey = C1+(213,4 = 2 MF+ 3 MF - 8 MF b.) (= a Cright: $\frac{a_3}{c_3} + \frac{a_2}{c_2} - \frac{a_3}{c_4} = 0$ Cin Series have some charge

Cin Parallell have some voltage

Cin Parallell have some voltage

Cin Parallell have some voltage C70+: 25- Q1 - Q4 -0

Cright: $\frac{a_{2}}{c_{3}} + \frac{a_{2}}{c_{4}} - \frac{a_{4}}{c_{4}} = 0$ Cright: $\frac{a_{5}}{c_{5}} + \frac{a_{2}}{c_{4}} - \frac{a_{4}}{c_{4}} = 0$ Crot: $25 - \frac{a_{1}}{c_{1}} - \frac{a_{4}}{c_{4}} = 0$ $25 - \frac{a_{1}}{c_{1}} - \frac{a_{1}}{c_{4}} = 0$ $25 - \frac{a_{1}}{c_{1}$

b contid on next page

Josh whitehead 3/22/- 3- 3/2-0 -> 03-52-0 01 = 2 02+ QA a2 : ay 05-52-05- gd Jas - 3 -0 -3 BN - 505 C1 2 Q21314 303 552 - BA 25 V- Q1 - Qy=0 > Qy=50-Q1 SU-Q, 22Q2 56-462-56-01 Q1=4Q2 9, -50-202 92-29-262 25 - 9 - 25 Q2=35 EMC Q, = 50 - 50 100 M(=Q] Qy = Su - Q; - So - 100 + 50 pc= Qy Nois SO MV : V (1 - C - 3.2 - 8 AV V(2- 2 - 6 My Vc3 -Vc2 - 25 MV VCM = 50 = 25 MV=VCM

v1667343

Josh whitehead