Date: Page No .: Basic Electronics CECE 172) [Assignment -1 50 Ving D. OBB 12-12) +712 +5(12-11)=0 3 + 2113 - 412 - 511 = 0 (3)

Date: Page No.: in + 913 = 1612 6i, + 7i, = 2 3+2113 = 412+51 2+21 3(7i3) = 9i2 +5i, -3 6-1812 -912+51, -3 9 = 2712 +511 9-57 = 312 4(1-31) = 11 2(1-3i)= i3 6i, =5 +5i3+12 銀54 (1-312) = 5 + 10 (1-312)+12 (7+54-50)(1-3i) = 5+i328 - 98412 = 175 +3512 328 - 175 = 1 = 153i = 2 (560) i = 9 (560) = 160 1 = 1008/1019

Page No.: A2) -2+3i +4(i1-i2)+(i1-i2)0 811-412 13=2-0 Titiz = 2 12+4(t2-t1)=0 562-46, -Q 413+ [73-11] =0 5 iz = i, -(3) by solving (D, 0107 811-4(4in) - H=2 11 = 10 A 12=8 A -: i= -6 = (-0.26 0 884 5 5521)A

(a) teyris) are regioned > 100 (c) earnier Iwould have used Node analysis here no, and from I carlier as well as now. because in Nodal a natus is we directly get roll voltades, from which we can directly compte voltage culculate current through Fr Resisters then voltage









