Pegopes A. T. y. 5351 BEPWENT N 23 R2=5 Que, L=5 TH, C=919 C 1, = 10 cos(t-100) I, = 10 e -10j Zu= Zi+Zc ZL = cw L eiso = 3 eiso = 5; Zc = ac e 300 = 10 e 300 = -19 Zu = 5j -19j = -5j = 5e - 5.50° $Z_{1x} = \frac{Z_{1c} \cdot R_{2}}{RZ_{1c} + R_{2}} = \frac{-25j}{5+5j} = \frac{25e^{j\cdot 30^{\circ}}}{5\sqrt{2}e^{j\cdot 30^{\circ}}} = \frac{5}{\sqrt{2}}e^{j\cdot 45^{\circ}}$ Uo = I, . Z1x 2 I'= 1/2 = 1, Zex, = 10 = 1.1800 . 5 = 5 12 = 5 12 e 1350 = -5 +5 j iz=5/2(t+135°) ILC = I, - I2 = -10\$+5-5j = -5-5j = 55 - 1.135°

