Q.2 a) Explain in detail mesh analysis with an example. 05

b) Find the voltage V_a & V_b in the network of fig1. Using Nodal analysis. 05

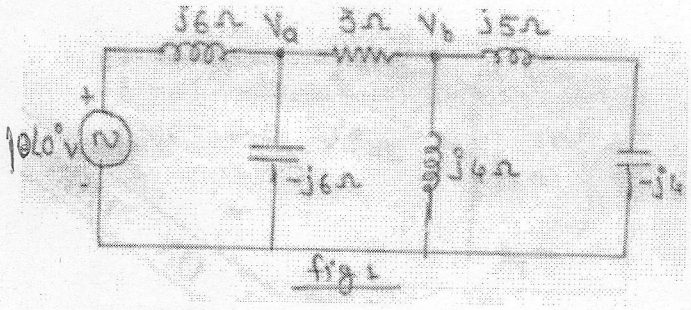
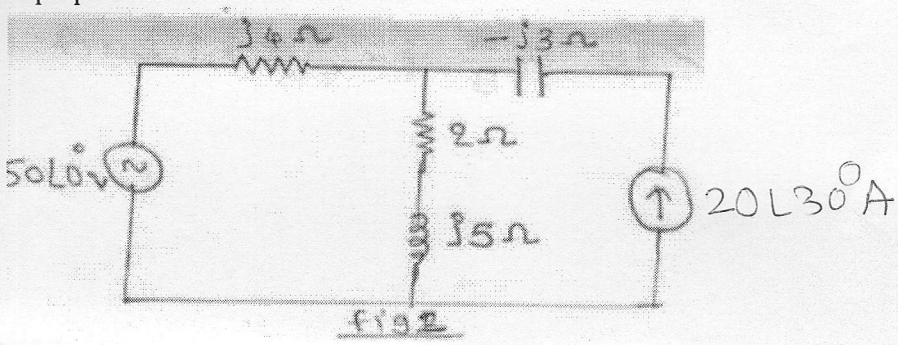


fig 1

2017

c) Determine the voltage a cross the (r+j5)Ω impedance for the network shown in fig 2. Using superposition theorem. 05