



2300-Vi= 291.6+jl9.6

1.20 --e) S = V, I, = 20+j8 = (2008-j69.6) I, = 7.81+j4.32 I4=I2= Is-I,= 10.2-j20 A So = Va I,\* = (20+18) = Va (10.2+100) Vo= 1119-j429.3 volts