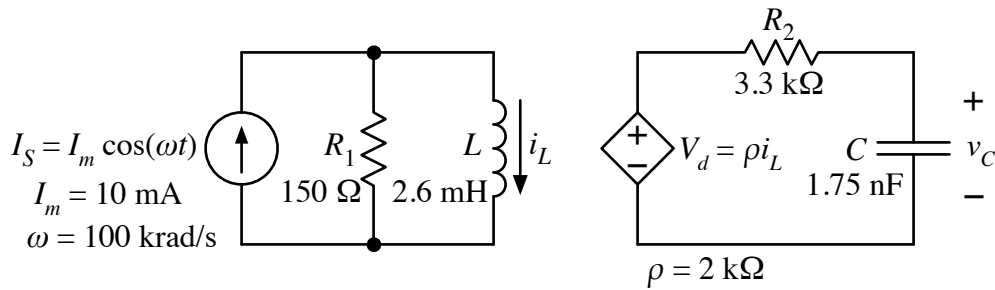


For the circuit shown below, calculate the complex amplitude of the capacitor voltage. Express the result in magnitude / phase form. (If you choose to use a source transformation, use care in keeping everything consistent.)



$\tilde{v}_C =$  \_\_\_\_\_