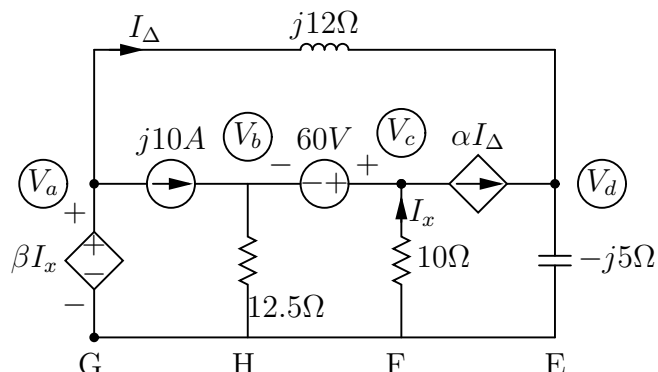
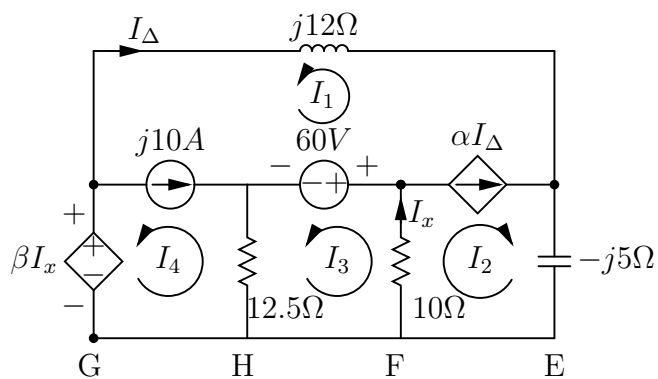


Name in Capital letters:
last four digits of your RUID:

Consider the given circuit. Using the Node Voltage Method, write down as many equations as necessary to determine all the node variables. You do not need to solve the equations, just write them.



Consider the given circuit. Using the Mesh Current Method, write down as many equations as necessary to determine all the mesh currents. You do not need to solve the equations, just write them.



Name in Capital letters:
last four digits of your RUID:

Consider the given circuit. By using any method, determine the ratio $\frac{V_o}{V_{in}}$. By using s in place of $j\omega$, we denoted the inductive impedance as sL and the capacitive impedance as $\frac{1}{sC}$.

Due Jan 27th

