

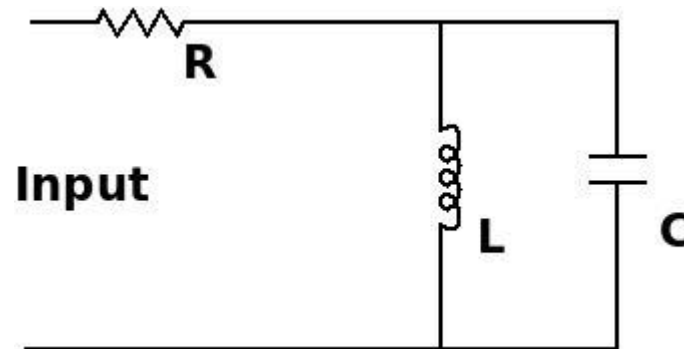
Ex - 1



1. Please try to calculate the inverse Laplace Transformation of

$$F(s) = \frac{s + 1}{(s^2 - s + 3)(s - 2)}$$

2. If a step function has been applied to the input terminal at time=0, please calculate the current waveform on the inductor L.



3. Please try to plot the Bode Plot of Question 1