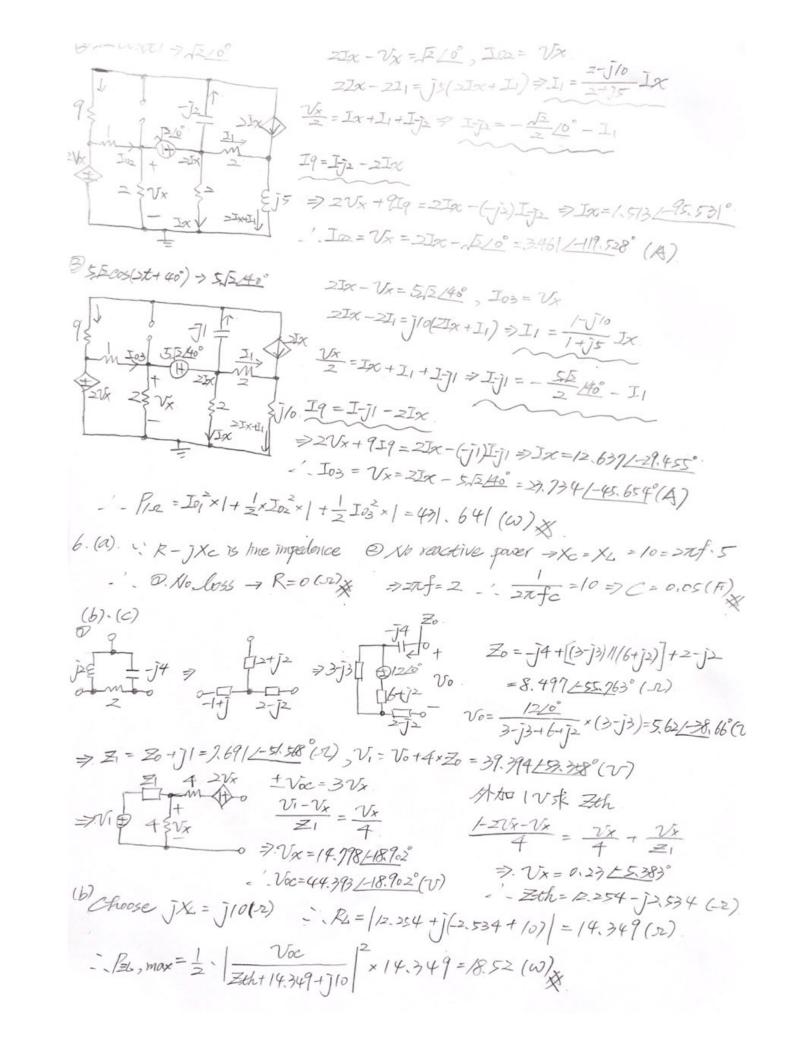


(b) 
$$\frac{1}{2} \frac{dX(d)}{dt} = 0 \Rightarrow -\frac{1}{8} \frac{d}{t} + \frac{1}{46} \frac{d^{2}}{8} \frac{d^{2}}{6} = 0 \Rightarrow \frac{8}{6} \frac{d}{t} = 81 \Rightarrow t = \frac{1}{244} \frac{d}{t} = 0.549(5)$$

$$\frac{1}{4} \frac{dX(d)}{dt} = 0 \Rightarrow -\frac{1}{8} \frac{d}{t} + \frac{1}{8} \frac{d^{2}}{66} = 0 \Rightarrow \frac{8}{6} \frac{d}{t} = \frac{1}{244} \frac{d}{t} = 0.549(5)$$

$$\frac{1}{4} \frac{dX(d)}{dt} = 0 \Rightarrow -\frac{1}{8} \frac{d}{t} + \frac{1}{46} \frac{d^{2}}{66} = 0 \Rightarrow \frac{1}{4} \frac{d^{2}}{66} = 0$$



(c) Choose 
$$E = |Z4h| = |2.5|3(D)$$
  
 $|Z_{5}| = |Z_{5}| = |Z_{5}|$