#7 – 701

#8 – 702, Exercise No. 03

#9 – 707, 21.30

#10 – 707, Goal Solution

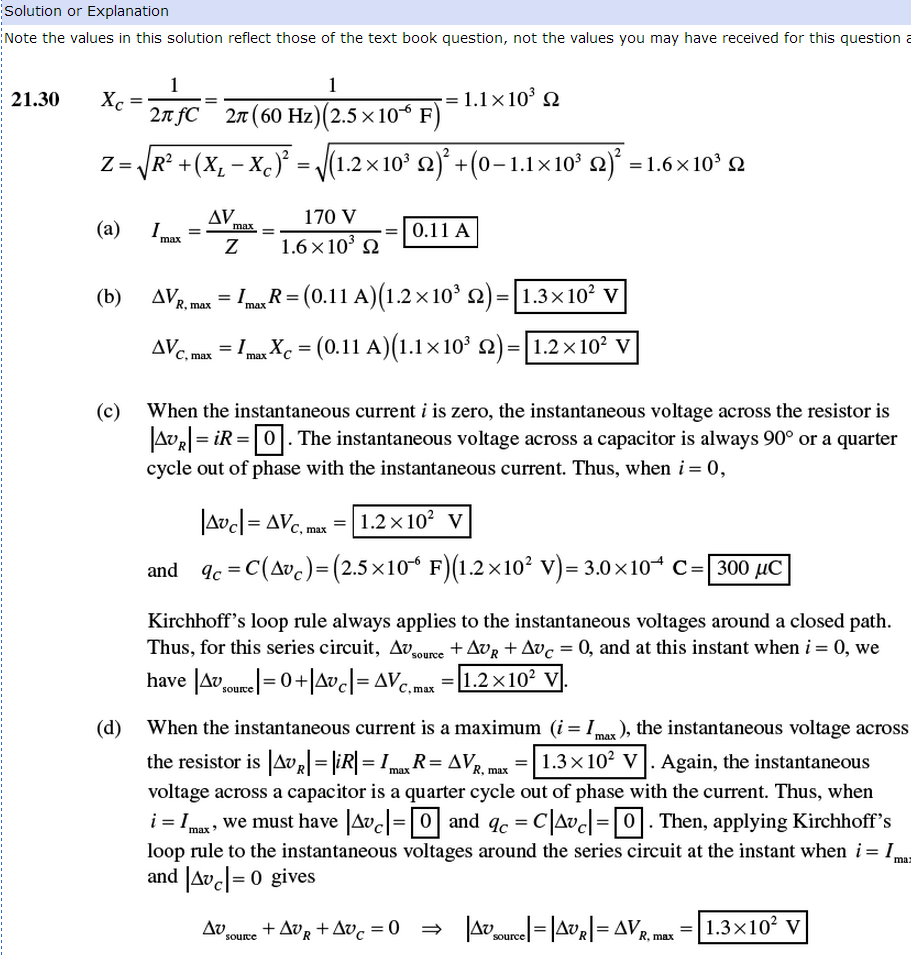
#11 – 708, #11

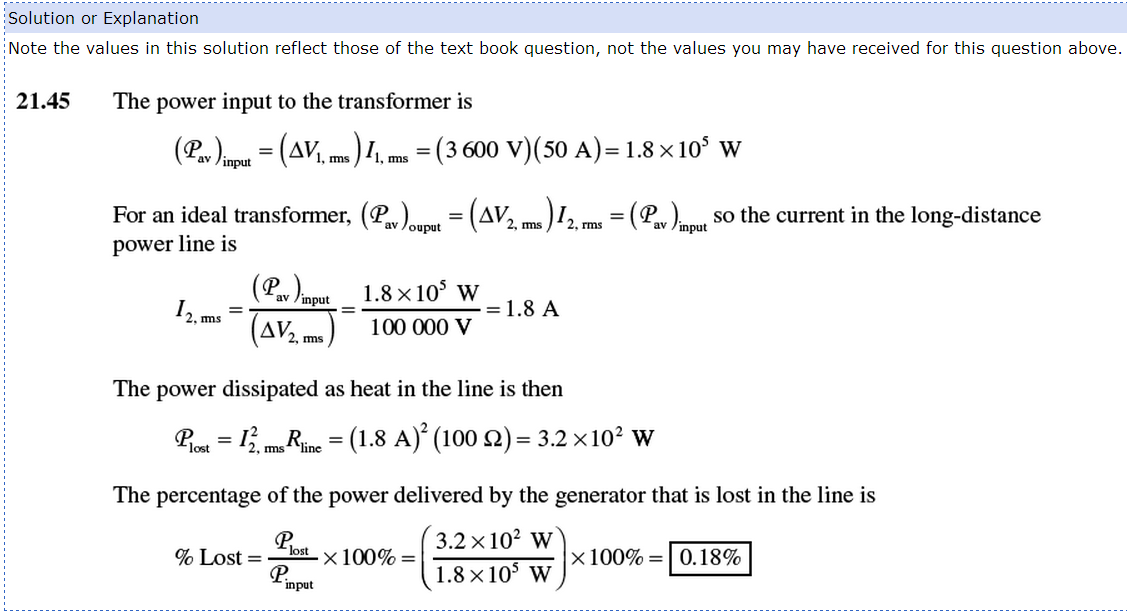
#12 – 710, 33.48

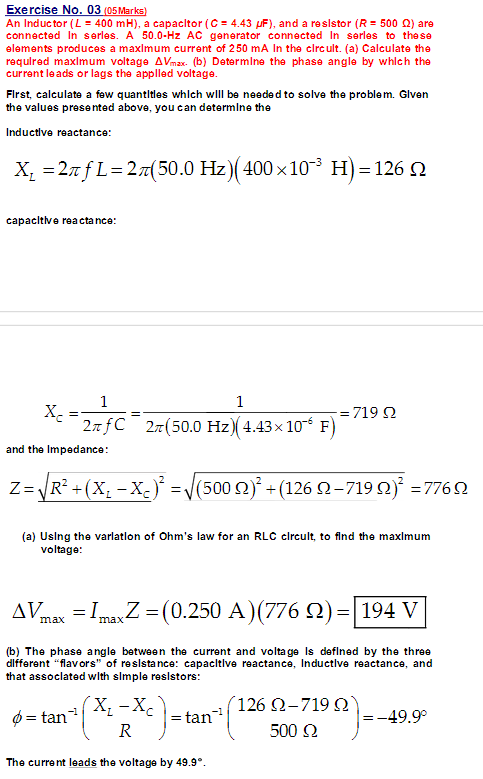
#13 – 710, 21.45

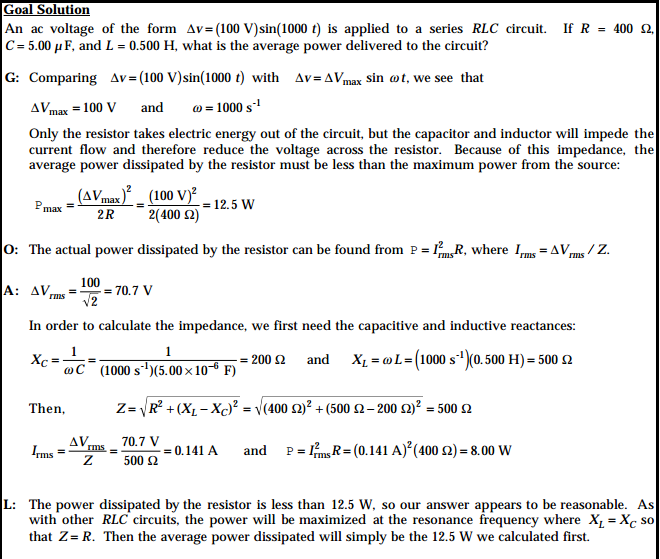
#14 – 715

#15 – 720









#11) The resonant frequency is w = 1/(LC)^1/2 radians per second   
  
-> w = 1/(LC)^1/2 = 5.4E8 radians per second   
  
there 2pi radians per cycle   
  
-> f = 86Mhz   
  
The resistance is not needed to determine this as shown by the equation



