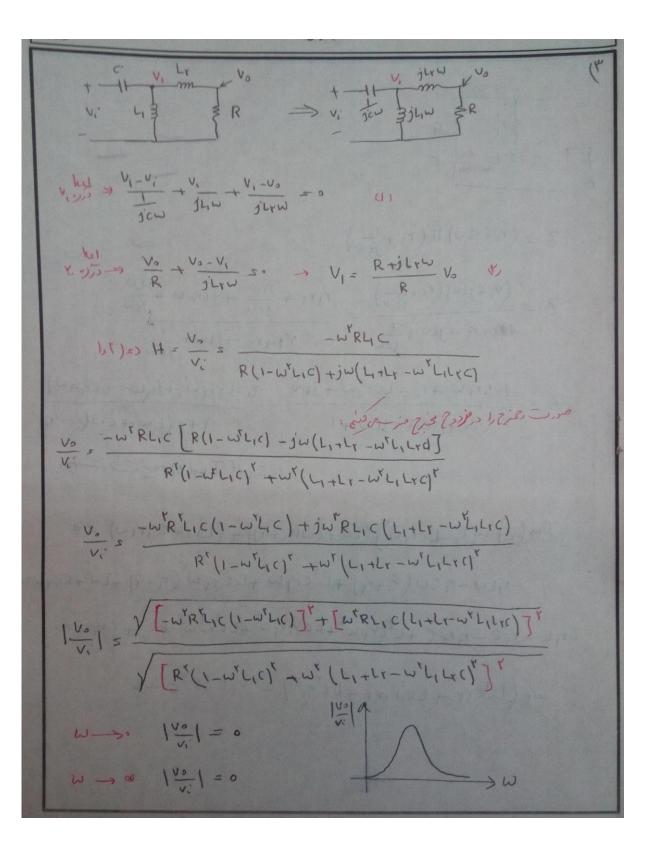
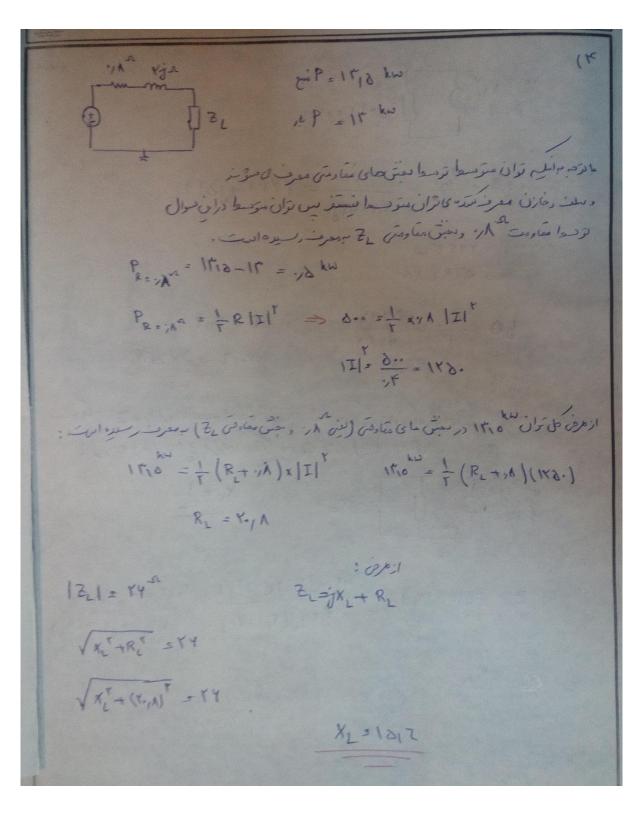
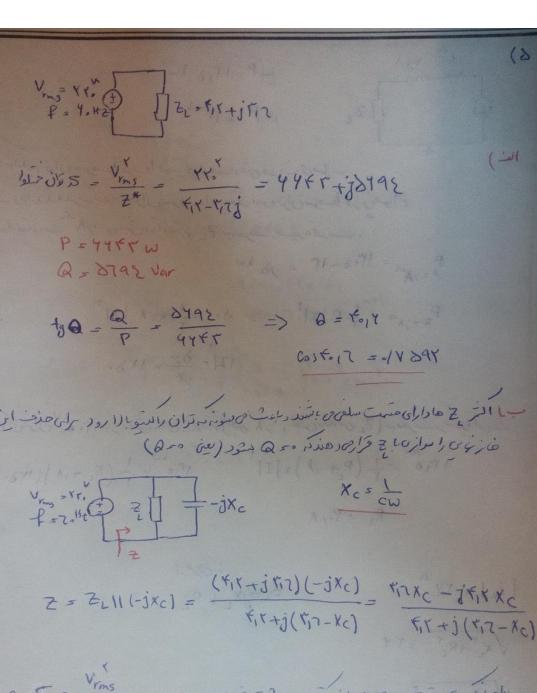
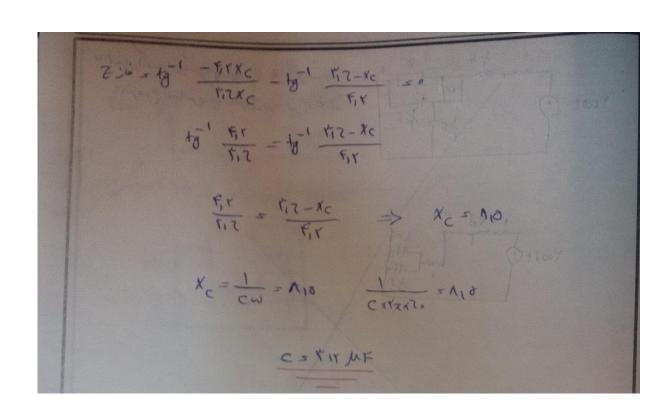
جواب تمرینات سری ششم

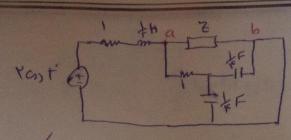






ع ز د فرور = فرور = فازمور = فاز ح





ا براه انستران در مهدی در می ازدرم ۵ رط:

حون منتج ولسة درموار ماريم با عزف أنبه ولى رسف مولن الموان درب م و طرا الاسبرر:

ين يراه الله توان مراجم الله د الله :

$$Z = (r_1 + j' \ln u) \ln (r_1 + \frac{1}{j \epsilon u}) = \frac{(r_1 + j' \ln u)(r_1 + \frac{1}{j \epsilon u})}{r_1 + r_1 + j' \ln u + \frac{1}{j \epsilon u}}$$

$$Z = \frac{r_1 r_1 + \frac{r_1}{j \epsilon u} + j \ln r_1 + \frac{j \ln u}{j \epsilon u}}{r_1 + r_1 + j \ln u + \frac{1}{j \epsilon u}} = \frac{j c r_1 r_1 u + r_1 + l c r_1 u' + j' \ln u}{(r_1 + r_1) j \ln u + r_1 + l c r_1 u' + j' \ln u}$$

$$Z = \frac{r_1 - \ln r_1 v' + j(r_1 r_1 u + \ln u)}{r_1 - \ln r_1 v' + j(r_1 r_1 u + \ln u)}$$

$$= \frac{r_1 - \ln r_1 v' + j(r_1 r_1 u + r_1 r_1 u)}{r_1 - \ln r_1 v' + j(r_1 r_1 u + r_1 r_1 u)}$$

$$= \frac{r_1 - \ln r_1 v' + j(r_1 r_1 u + r_1 r_1 u)}{r_1 - \ln r_1 v' + r_1 r_1 u' + l r_1 r_1 u' + l r_1 r_1 u'}$$

$$= \frac{r_1 - \ln r_1 v' + j(r_1 r_1 u + r_1 r_1 u)}{r_1 - \ln r_1 v' + r_1 r_1 u' + l r_1 r_1 u'}$$

$$= \frac{r_1 - \ln r_1 v' + j \ln r_1 u' + l r_1 r_1 u' + l r_1 r_1 u' + l r_1 r_1 u'}{r_1 - \ln r_1 r_1 u' + l r_1 r_1 u'}$$

$$= \frac{r_1 - \ln r_1 v' + j \ln r_1 u' + l r_1 r_1 u' + l r_1 r_1 u' + l r_1 r_1 u'}{r_1 - \ln r_1 r_1 u' + l r_1 r_1 u'}$$

$$= \frac{r_1 - \ln r_1 v' + j \ln r_1 u' + l r_1 r_1 u' + l r_1 r_1 u'}{r_1 - \ln r_1 u' + j \ln r_1 u' + l r_1 r_1 u'}$$

$$= \frac{r_1 - \ln r_1 v' + j \ln r_1 u' + l r_1 u'}{r_1 - \ln r_1 u' + j \ln r_1 u' + l r_1 u'}$$

$$= \frac{r_1 - \ln r_1 u' + j \ln r_1 u' + l r_1 u'}{r_1 - \ln r_1 u' + j \ln r_1 u' + l r_1 u'}$$

$$= \frac{r_1 - \ln r_1 u' + j \ln r_1 u' + j \ln r_1 u'}{r_1 - \ln r_1 u' + j \ln r_1 u'}$$

$$= \frac{r_1 - \ln r_1 u' + j \ln r_1 u' + l r_1 u'}{r_1 - \ln r_1 u' + j \ln r_1 u'}$$

$$= \frac{r_1 - \ln r_1 u' + j \ln r_1 u' + l \ln r_1 u'}{r_1 - \ln r_1 u' + l \ln r_1 u'}$$

$$= \frac{r_1 - \ln r_1 u' + l \ln r_1 u' + l \ln r_1 u'}{r_1 - \ln r_1 u' + l \ln r_1 u'}$$

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