Nama: Ahmat Zulfadli

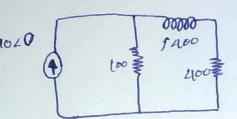
NIM: 11950511598

kelas : III-E

Maturl: Ranguaian Listfik.

UAS

1) pix : Rangleoian RLC bevilunt.



Dit

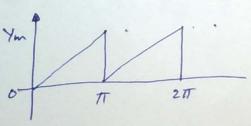
a. Hitorylah daya tara-tata (P)

b. Hitunglah dage heaktif (Q)

c. Hitunglah Luya wonglek (5)

(2) Dik: bentou gecombany seperti ojumber

betiuut

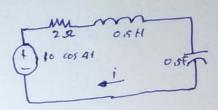


Oit! jika Yn = 10 V. muka hitovylch

a nilai tegaryan tata-tata.

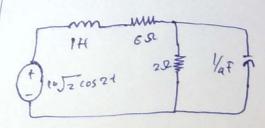
b. vilai teganjun etektif.

1 Dik: Langhaian. RLC beriket.



Dif: Williag persuman abus (4)

@ pik: Langledian PLC berillet.



Dit :

a. Listung days complete (5)

b. hitches days healtif (Q)

$$P = 2FF R^{2}R = (\frac{10}{52})^{2}.87.8$$

$$= \frac{100}{2}.87.8$$

$$= 4390 \text{ W}.$$

a. 
$$V_{k} = \frac{2 \cdot Y_{m}}{\pi}$$

$$= 0.637.10$$

$$= 6.37 \cdot V$$

B 1= 10

3 Prugan Phasor:

 $\frac{1 = \frac{1020^{\circ}}{2 + j_2 - j_2} = \frac{1020^{\circ}}{2 + j_2 - j_2} = \frac{1020^{\circ}}{2 + j_3 / 2} = \frac{1020^{\circ}}{25236,9}$   $1 = 42 - 36,9^{\circ}$   $1 = 42 - 36,9^{\circ}$   $1 = 4205 (41 - 36,9^{\circ}) A$ 

Dipindai dengan CamScanner