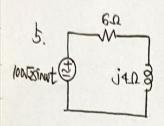
महन्हर मभान इंद्रिक्रिक्रम २०२००२२२१०६ स्वि



$$I = \frac{V}{Z} = \frac{100\sqrt{5}[-90^{\circ}]}{6+j4} = 19.61[-123.69^{\circ}]$$

Pavg =
$$\frac{1}{2}(I_m)^2 R = \frac{1}{2} \times (19.61)^2 \times 6$$

= 11.53.66[w]

6. 100 V, 200 W, 境:0.8 2期配?

り、22[kVA], 中華 0.8 , 神教育?
Q=「Pai - Paiva = \222-22x0.82
= 13.2[kVAR]

$$C = 600 \times \frac{1}{100} \times 120\pi$$

$$= 1.59 \times 10^{-4} F$$