

# ИСПИТ ИЗ ОСНОВА ЕЛЕКТРОТЕХНИКЕ 2

27. 09. 2019. - Рјешења

1.

$$B_M = 100 \mu\text{T}.$$

2.

a)  $\Phi_j = 130 \mu\text{Tm}^2,$

б)  $W_m = 12,66 \text{ mJ}.$

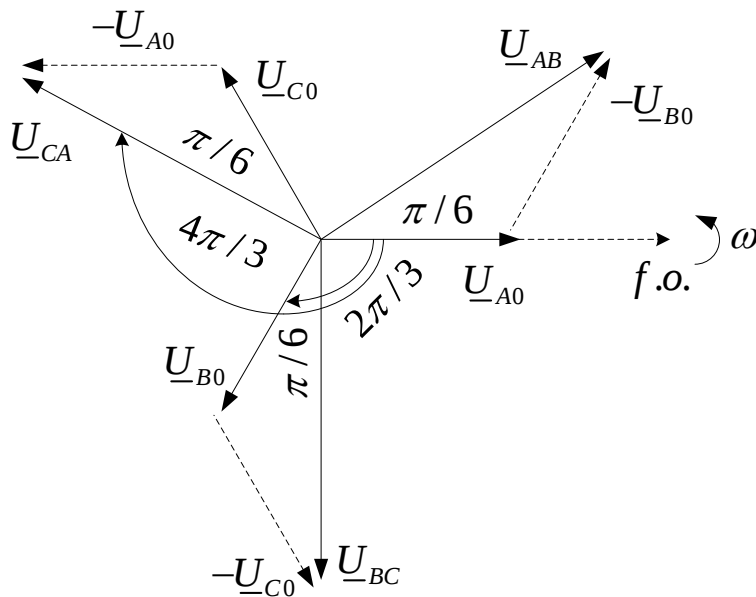
3.

$$\psi_1 - \psi_2 = \pm \frac{3\pi}{4},$$

$$\underline{S}_3 = (0, 2 + j0,6) \text{ VA}.$$

4.

a)



б)  $P = 43,56 \text{ kW}, Q = 14,52 \text{ kVAr}.$