



ИСПИТ ИЗ ОСНОВА ЕЛЕКТРОТЕХНИКЕ 2

25. 06. 2013. - Рјешења

1.

$$\vec{B} = 52,16\vec{k} \text{ } \mu\text{T}.$$

2.

$$H = \frac{NI}{2r\pi}, \quad a \leq r \leq b, \quad B_1 = \mu_1 \frac{NI}{2r\pi}, \quad a \leq r \leq b, \quad B_2 = \mu_2 \frac{NI}{2r\pi}, \quad a \leq r \leq b.$$

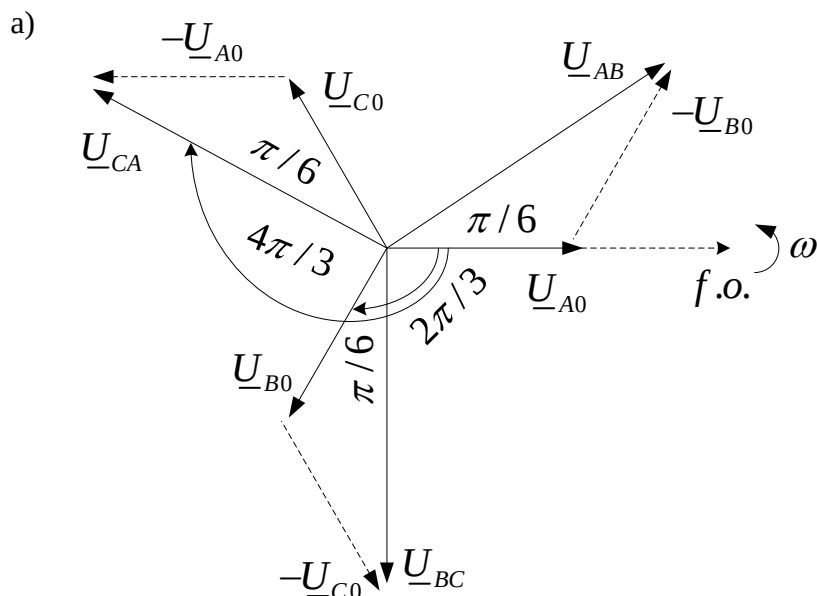
3.

$$\Delta S_{Ig2} = (-200 + j100) \text{ mVA}.$$

4.

$$k = 1.$$

5.



б) $\underline{S} = (43,56 + j14,52) \text{ kVA}.$