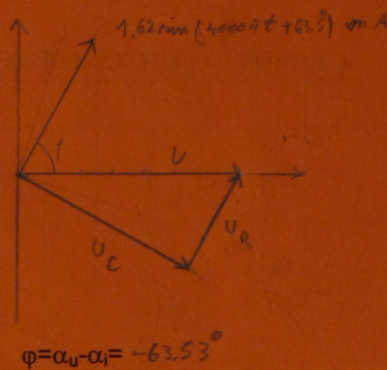
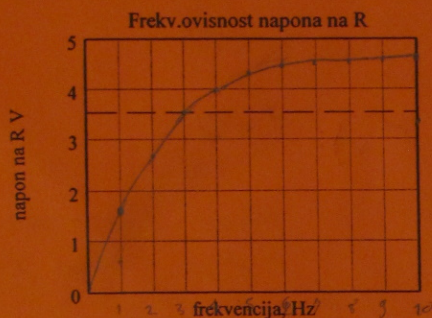


## VJEŽBA II.2 Frekvencijske ovisnosti

broj radnog mjesta: \_\_\_\_\_

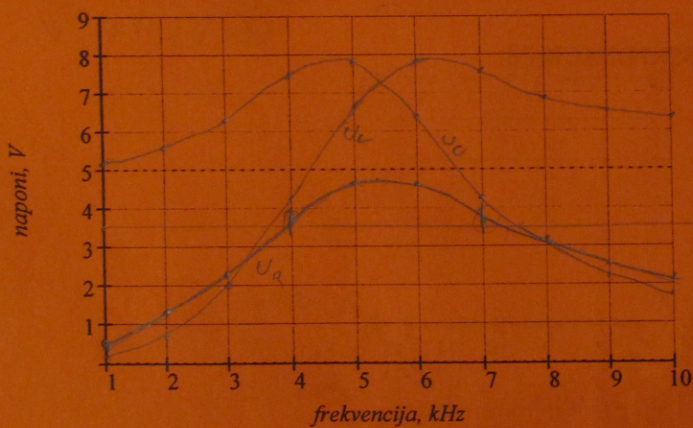
Popis opreme:

## POKUS 1. Serijski RC spoj

slika 1  $f_g = 3 \text{ kHz}$ 

slika 2 vektorski prikaz za 2000 Hz

## POKUS 2. Serijski RLC spoj



slika 3

$$f_{\text{rez}} = 5 \text{ kHz}$$

granicne frekvencije su:

donja:  $4 \text{ kHz}$

gornja:  $6 \text{ kHz}$

$$I_{\text{rez}} = 5,43 \text{ mA}$$

$$\Delta f = 3 \text{ kHz}$$

$$Q = 1,52$$

analitički oblik ovisnosti: 
$$U_C(f) = \frac{U}{\sqrt{1 + \left( \frac{2\pi f L}{R} - \frac{1}{2\pi f C} \right)^2}}$$

Vježbe sam obavio/la (datum) 1. \_\_\_\_\_ 2. \_\_\_\_\_

Potpis studenta:

Pregledao (potpis nastavnika):