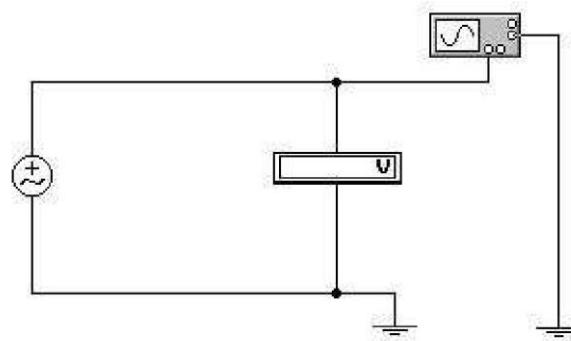


Ime i prezime:	UPOZNAVANJE S GENERATOROM FUNKCIJA I KATODNIM OSCILOSKOPOM (EWB 5.12)	L.V. 11b.
Razred:		Datum:

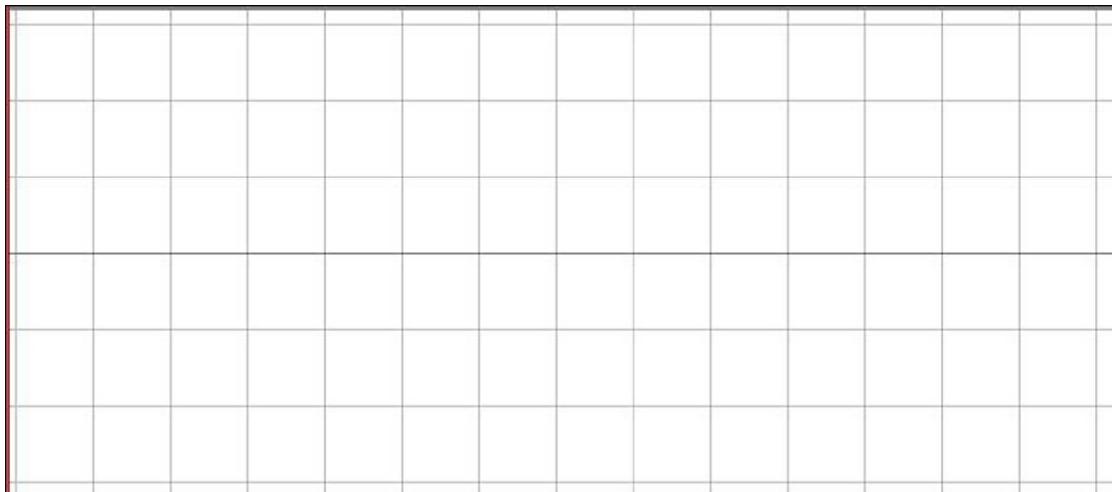
1. ZADATAK

Spojiti izvor izmjeničnog napona i katodni osciloskop prema shemi. Na izvoru izmjeničnog napona podesiti sinusni oblik napona na $U=50;120;220$; (broj u imeniku: _____) V i frekvencije 50;120 Hz. Na zaslonu osciloskopa podesiti signal tako bude vidljiv u cijelosti(mijenjajući konstante na osi X i Y).



2. ZADATAK

Katodnim osciloskopom izmjeriti tražene vrijednosti i nacrtati valni oblik na predložak rastera (na svaki raster 4 valna oblika).



a) $U=50 \text{ V}; f=50 \text{ Hz}$;

$$ky = \underline{\hspace{2cm}}; Y = \underline{\hspace{2cm}}; U_{max} = \underline{\hspace{2cm}}; kx = \underline{\hspace{2cm}}; X = \underline{\hspace{2cm}}; T = \underline{\hspace{2cm}}$$

$U=50 \text{ V}; f=120 \text{ Hz}$;

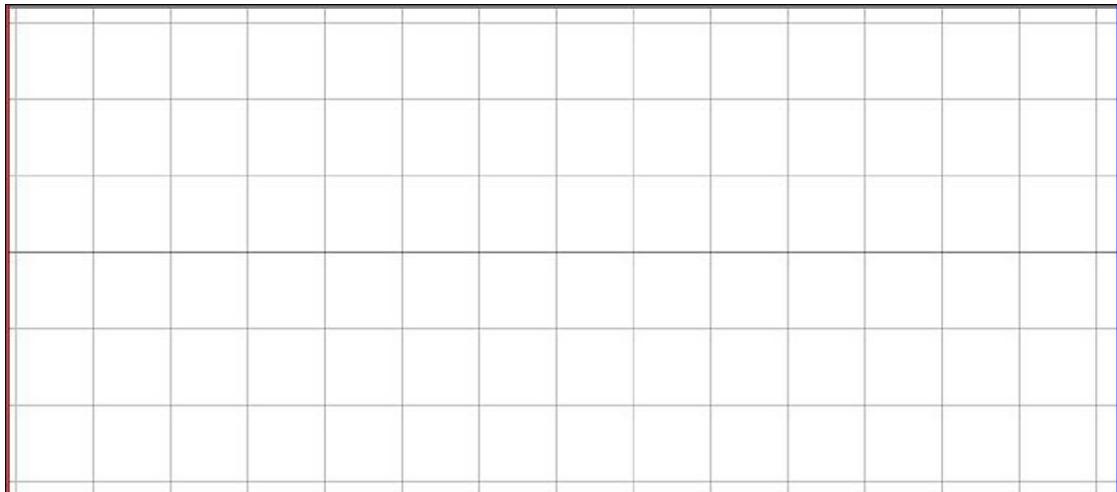
$$ky = \underline{\hspace{2cm}}; Y = \underline{\hspace{2cm}}; U_{max} = \underline{\hspace{2cm}}; kx = \underline{\hspace{2cm}}; X = \underline{\hspace{2cm}}; T = \underline{\hspace{2cm}}$$

b) $U=120 \text{ V}; f=50 \text{ Hz}$;

$$ky = \underline{\hspace{2cm}}; Y = \underline{\hspace{2cm}}; U_{max} = \underline{\hspace{2cm}}; kx = \underline{\hspace{2cm}}; X = \underline{\hspace{2cm}}; T = \underline{\hspace{2cm}}$$

$U=120 \text{ V}; f=120 \text{ Hz}$;

$$ky = \underline{\hspace{2cm}}; Y = \underline{\hspace{2cm}}; U_{max} = \underline{\hspace{2cm}}; kx = \underline{\hspace{2cm}}; X = \underline{\hspace{2cm}}; T = \underline{\hspace{2cm}}$$



c) $U=220 \text{ V}; f=50 \text{ Hz}$;

$$ky = \underline{\hspace{2cm}}; Y = \underline{\hspace{2cm}}; U_{max} = \underline{\hspace{2cm}}; kx = \underline{\hspace{2cm}}; X = \underline{\hspace{2cm}}; T = \underline{\hspace{2cm}}$$

$U=220 \text{ V}; f=120 \text{ Hz}$;

$$ky = \underline{\hspace{2cm}}; Y = \underline{\hspace{2cm}}; U_{max} = \underline{\hspace{2cm}}; kx = \underline{\hspace{2cm}}; X = \underline{\hspace{2cm}}; T = \underline{\hspace{2cm}}$$

d) $U=(\text{broj u imeniku})V$; $f=50 \text{ Hz}$;

$ky = \underline{\hspace{2cm}}$; $Y = \underline{\hspace{2cm}}$; $U_{max} = \underline{\hspace{2cm}}$; $kx = \underline{\hspace{2cm}}$; $X = \underline{\hspace{2cm}}$; $T = \underline{\hspace{2cm}}$

$U=(\text{broj u imeniku}) V; f=120 \text{ Hz}$;

$ky = \underline{\hspace{2cm}}$; $Y = \underline{\hspace{2cm}}$; $U_{max} = \underline{\hspace{2cm}}$; $kx = \underline{\hspace{2cm}}$; $X = \underline{\hspace{2cm}}$; $T = \underline{\hspace{2cm}}$

3.ZADATAK

Kakav napon mjeri spojeni voltmetar,a kakav napon vidimo na zaslonu osciloskopa?

11b	DATUM	PREGLEDAO	OCJENA