

University of Ruse Angel Kanchev		
Department: Theoretical and measuring electrical engineering		
Course:		
Specialty:		
Student:		Fac. No:
Group:	Date:	Assistant:

Report № 2
Topic: Circuits in sinusoidal steady state.

Task 1. This task gives 4 points.

Goal of the task:

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Schematics of the experimental arrangement:

Quantity	Value
U_{IN}, V	
U_R, V	
U_C, V	
$t_\varphi, \mu s$	
$T, \mu s$	
$\varphi, ^\circ$	
I, A	

Task 2. This task gives 4 points.

Goal of the task:

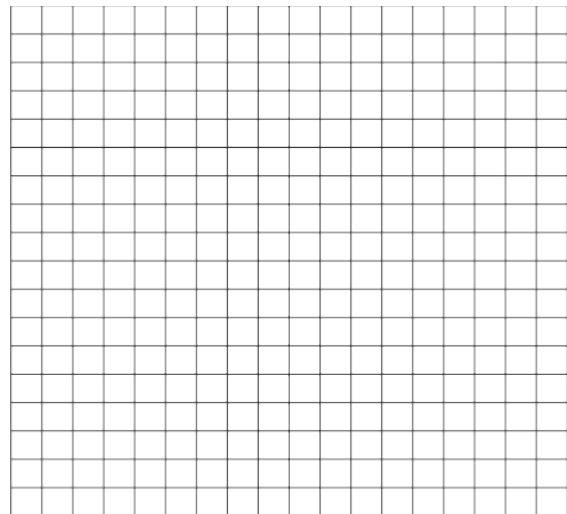
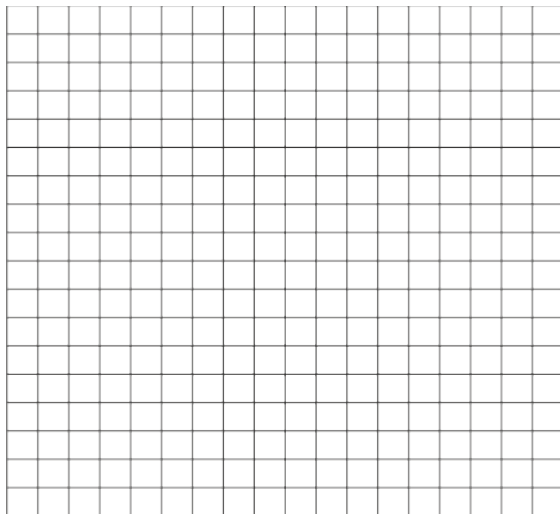
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Schematics of the experimental arrangement:

Quantity	Value
U_{IN}, V	
U_R, V	
U_L, V	
$t_\phi, \mu s$	
$T, \mu s$	
$\phi, ^\circ$	
I, A	

Phasor diagrams: This task gives 4 points.



Conclusions: This task gives 2 points.

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