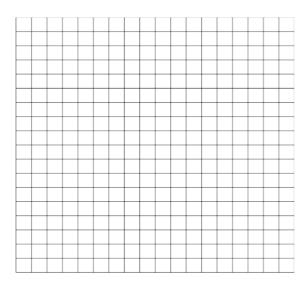
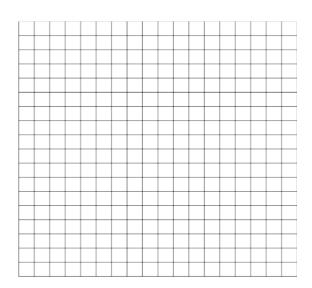
		versity of Ruse Angel Kanchev oretical and measuring electrical engineering
Course:		g g
Specialty:		TO M
Student: Group:	Date:	Fac. No: Assistant:
	Topic: C	Report № 2 Circuits in sinusoidal steady state.
Task 1. This tas	k gives 4 points.	
Goal of the tasl	k:	
Schematics of t	he experimental arr	rangement:
Quantity	Value	
$\overline{egin{array}{c} Quantity \ & U_{ ext{IN}}, V \ & & \end{array}}$	Value	
	Value	
$U_{ m IN}$, V	Value	
$U_{ m IN}, V$ $U_{ m R}, V$	Value	
$U_{ m IN}, V$ U_{R}, V U_{C}, V	Value	
$U_{ m IN}, V$ U_R, V U_C, V $t_{arphi}, \mu s$	Value	
$U_{ ext{IN}}, V$ U_{R}, V U_{C}, V $t_{\varphi}, \mu s$ $T, \mu s$	Value	

Schematics of the experimental arrangement:

Quantity	Value
$U_{ m IN}, V$	
U_R , V	
U_L , V	
$t_{\varphi}, \mu s$,	
Τ , μs	
φ,°	
I, A	

Phasor diagrams: This task gives 4 points.





Conclusions: This task gives 2 points.