

University of Ruse Angel Kanchev Department: Theoretical and Measuring Electrical Engineering			
Course: Specialty:			
Student:			Fac. No:
Group:	Date:	Assistant:	

Report № ...

Topic: Basic laws in electric circuits.

Task 1. This task gives 4 points.

Goal of the task:

.....

.....

Schematics of the experimental arrangement:

Quantity	U_{p0}, V	U_{p1}, V	U_{p2}, V
Value, V	0		

Quantity	Value
I_1, A	
I_2, A	
I_3, A	
KCL with letters KCL with numbers	
P_{E1}, W	
P_{R1}, W	
P_{R2}, W	
P_{R3}, W	
Conservation of power with letters Conservation of power with numbers	

Task 2. This task gives 4 points.

Goal of the task:

Schematics of the experimental arrangement:

Quantity	U_{p0}, V	U_{p1}, V	U_{p2}, V	U_{p3}, V
Value, V	0			

Quantity	Value
E_1, V	
U_{R1}, V	
U_{R2}, V	
U_{R3}, V	
U_{R4}, V	
KVL for loop 1 with letters KVL for loop 1 with numbers	
KVL for loop 2 with letters KVL for loop 2 with numbers	
KVL for loop 3 with letters KVL for loop 3 with numbers	

Conclusions: This task gives 2 points.

.....

