# Results of the test

Name and surname: Click here to fill the form.

Variant: Click here to fill the form.

**Exercise 1 – Transient analysis**

**Task 2**

The final script from Matlab for task 2:

Click here to fill the form. For new line press SHIFT+ENTER.

The figure from Matlab (task 2b):



Information about case which occur in the circuit and the eigen-values of matrix ***A*** (task 2c):

Click here to fill the form. For new line press SHIFT+ENTER.

**Task 3**

Modified part of the script:

Click here to fill the form. For new line press SHIFT+ENTER.

 Figure for the new source:



**Task 4**

Model of the used circuit from LTspice:



Result of transient analysis from LTspice:



**Exercise 2 – AC analysis**

**Task 2**

The final script from Matlab for calculation of loop currents/nodal voltages, and power:

Click here to fill the form. For new line press SHIFT+ENTER.

**Task 3**

Modification of the script for printing the results:

Click here to fill the form. For new line press SHIFT+ENTER.

Results saved in file „results.txt“:

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**Task 4**

Model of the used circuit from LTspice:



Results of AC analysis from LTspice:

Click here to fill the form. For new line press SHIFT+ENTER.