P01 Report

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February 2019

Chapter 1

Theoretical part

1.1   Circuit Calculation

Theoretical calculation of the circuit V1=1.1V-0.275
   R1=2ohm R2=2ohm

$VR = (R \times VT)/RT$

VR1= (R1 $\times V1$)/ RT = 1.1V

$VR2 = (R2 \times V2)/RT = -0.275V$

- Table for resistance and voltage

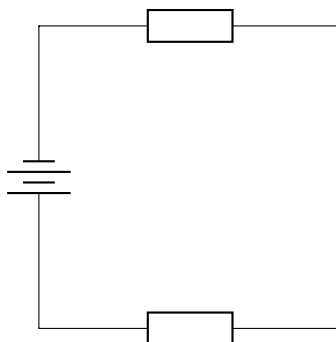| V1	1.1
R1	2ohm
R2	2ohm
UR1	1.1V
UR2	-0.275V

Figure 1.1: Electrical Circuit Diagram
-0.275

Chapter 2

Practical part

Practical Calculation

2.1 Working on with GEDA programs'

2.1.1 'Working with gschem'

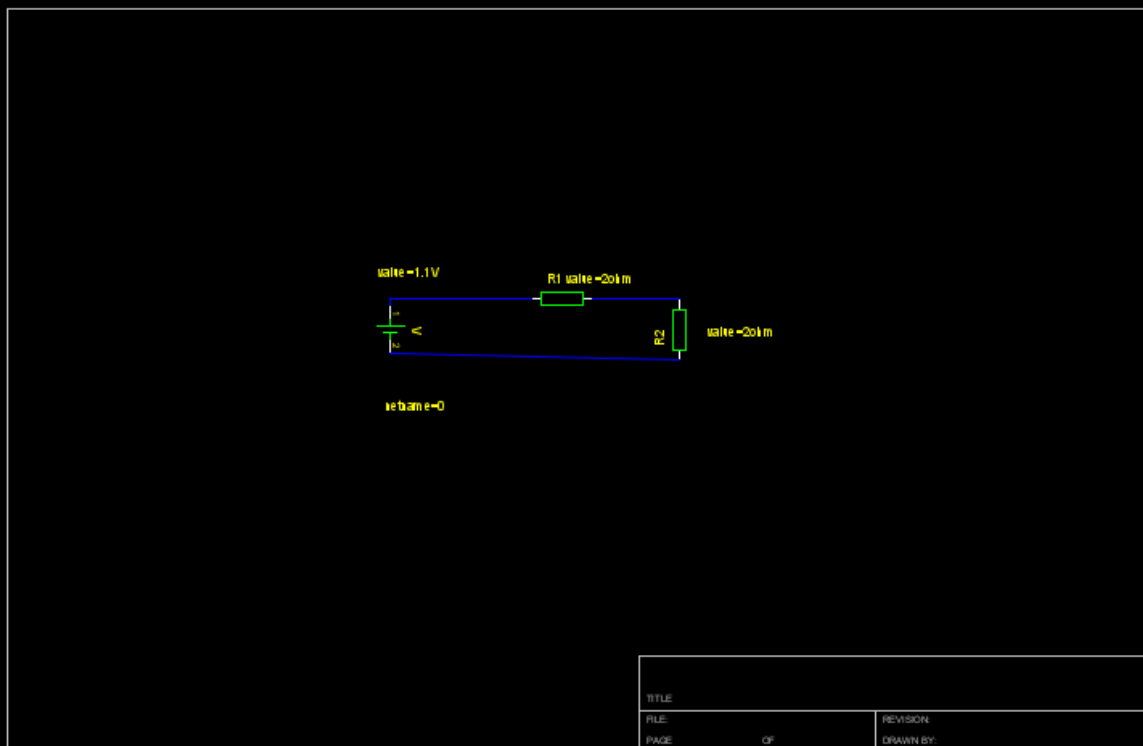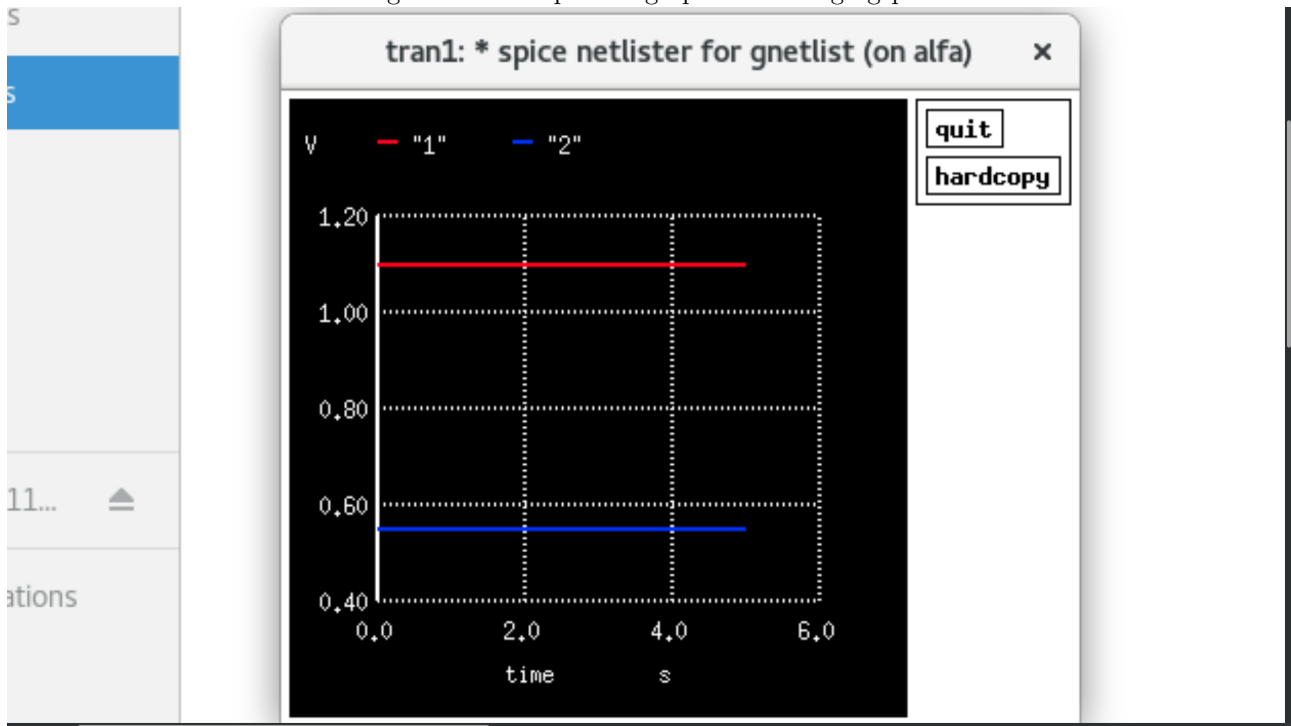Figure 2.1: Circuit Diagram created in gscehm

Figure 2.2: The plotted graph after using ngspice

2.1.2 'Work with gnetlist'