

Vienkru elektrisku shmu modelana

Ksenija Dobrovoska REBC03

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Chapter 1

Teortiska daa

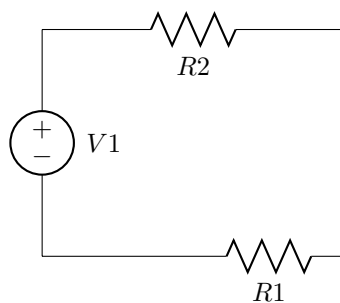
1.1 des aprins

Varianta aprins:

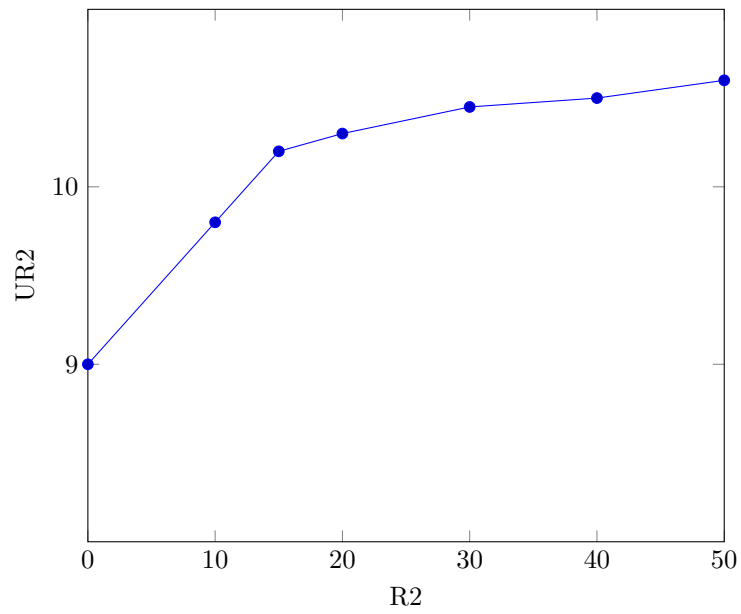
Apliecbas numurs ir 171REB108. [?] Aprinot pc formulas sank ka V1 bs viends ar $108/10=10.8$ V , R1 bs viends ar $0+1$ un tas ir R1=1 Oms, un R2=8+1=9 Omi. [?]

R1	1 Oms
R2	9 Oms
V1	10.8 V
U_{R2}	10.8 V
U_{R1}	9.7 V

1.1. tabula: datu tabula



1.1. zm.: shma ar circuitikz paeti



1.2. zm.: plots ar pgfplots paeti

Chapter 2

Praktisk daa

2.1 Darbs ar GEDA programmm

2.1.1 darbs ar gschem

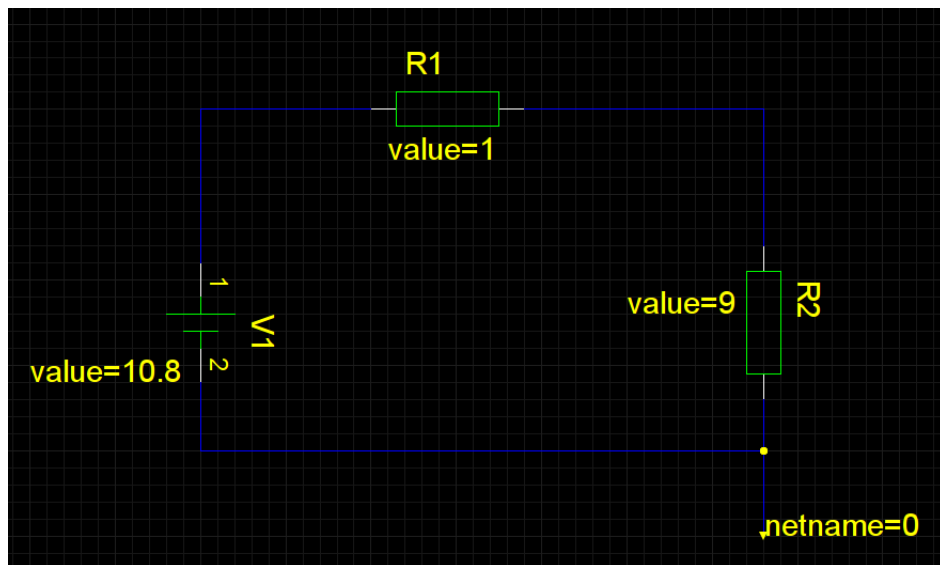


Figure 2.1: Shma veidota ar gschem

2.1.2 darbs ar gnetlist

```
* Spice netlister for gnetlist
R2 2 0 9
R1 1 2 1
V1 1 0 10.8
.END
```

2.1.3

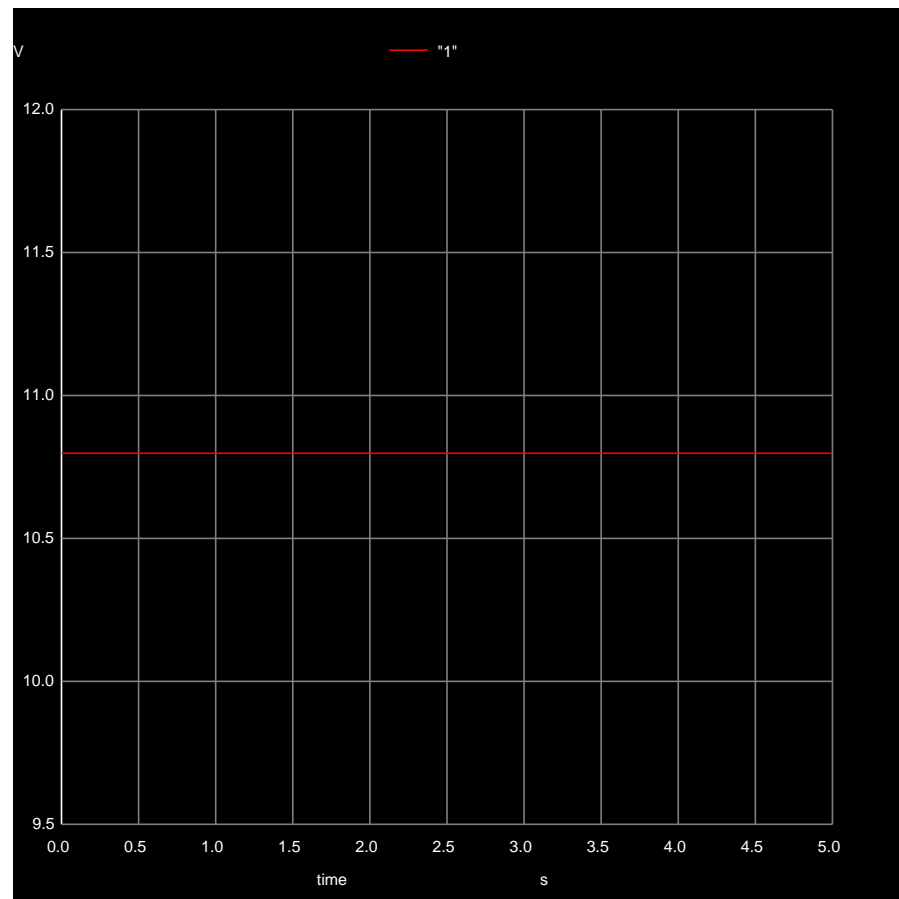


Figure 2.2: R1 simulcijas grafiks

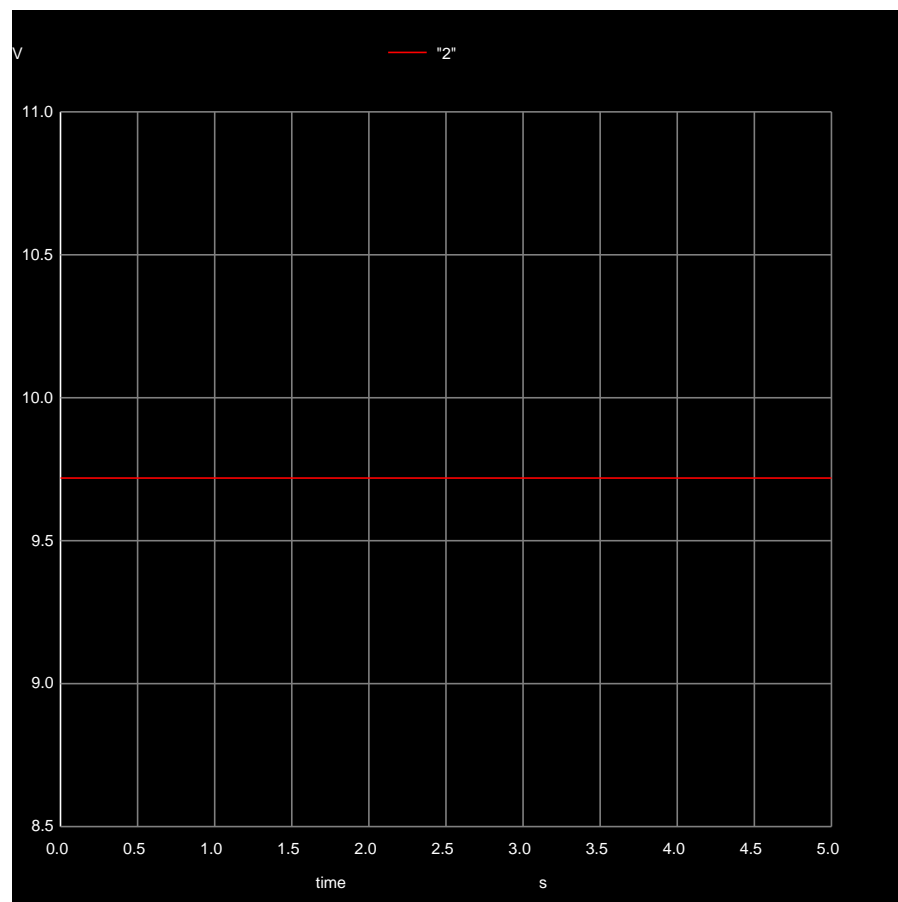


Figure 2.3: R2 simulcijas grafiks

2.2 Darbs ar QUCS programmm

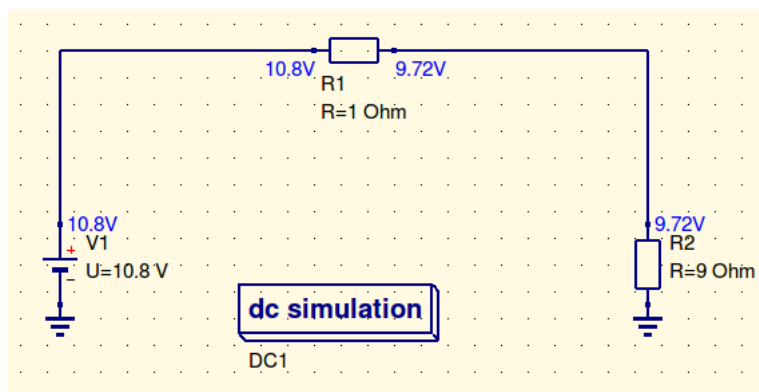


Figure 2.4: Shma QUCS vid

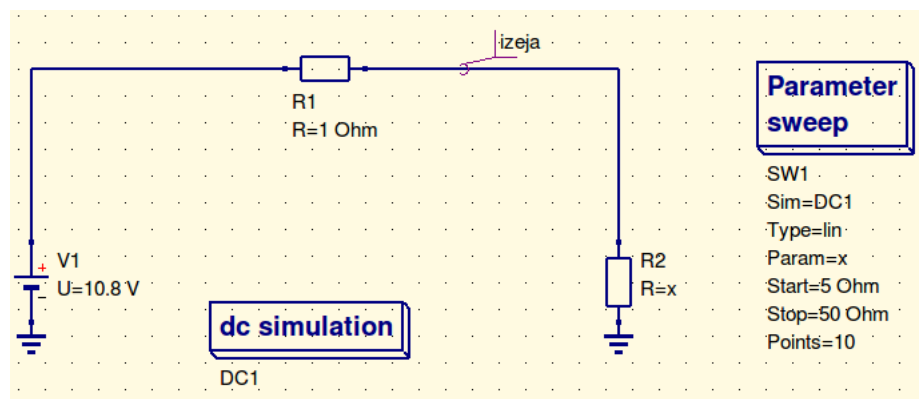


Figure 2.5: Sweep simulacija

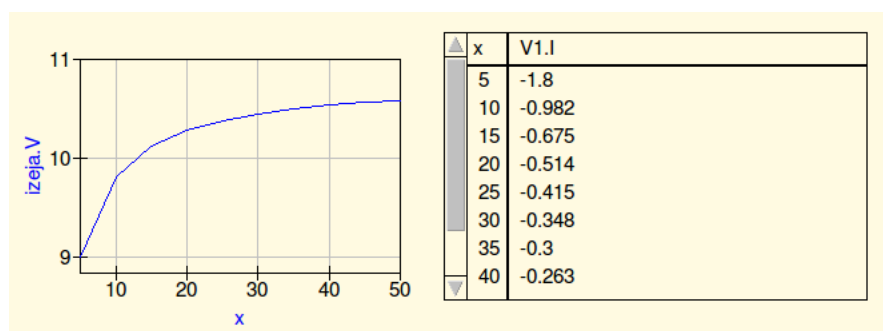


Figure 2.6: Sweep grafiks/tabula

Literatras saraksts

- [1] 3. Baltakmens, [*R. Latvietis un via zirgi*]. Rga: Valters un Rapa, 2000. 282 lpp. ISBN 9984-59-540-4
- [2] Strazds, M. (red.) [*Latvijas deū putni*]. Rga: Ja sta, 1999. 208 lpp. ISBN 9984-9180-4-1