

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

408/1, Kuratoli, Khilkhet, Dhaka 1229, Bangladesh



Assignment Title: Transient Analysis of RC Series and RL series using PSPICE.

Assignment No: 06

Date of Submission: November 27, 2022

Course Title: Introduction to Electrical Circuits Laboratory

Course Code: COE2102

Section: T

Semester: FALL

2022-23

Course Teacher: BISHWAJIT BANIK PATHIK

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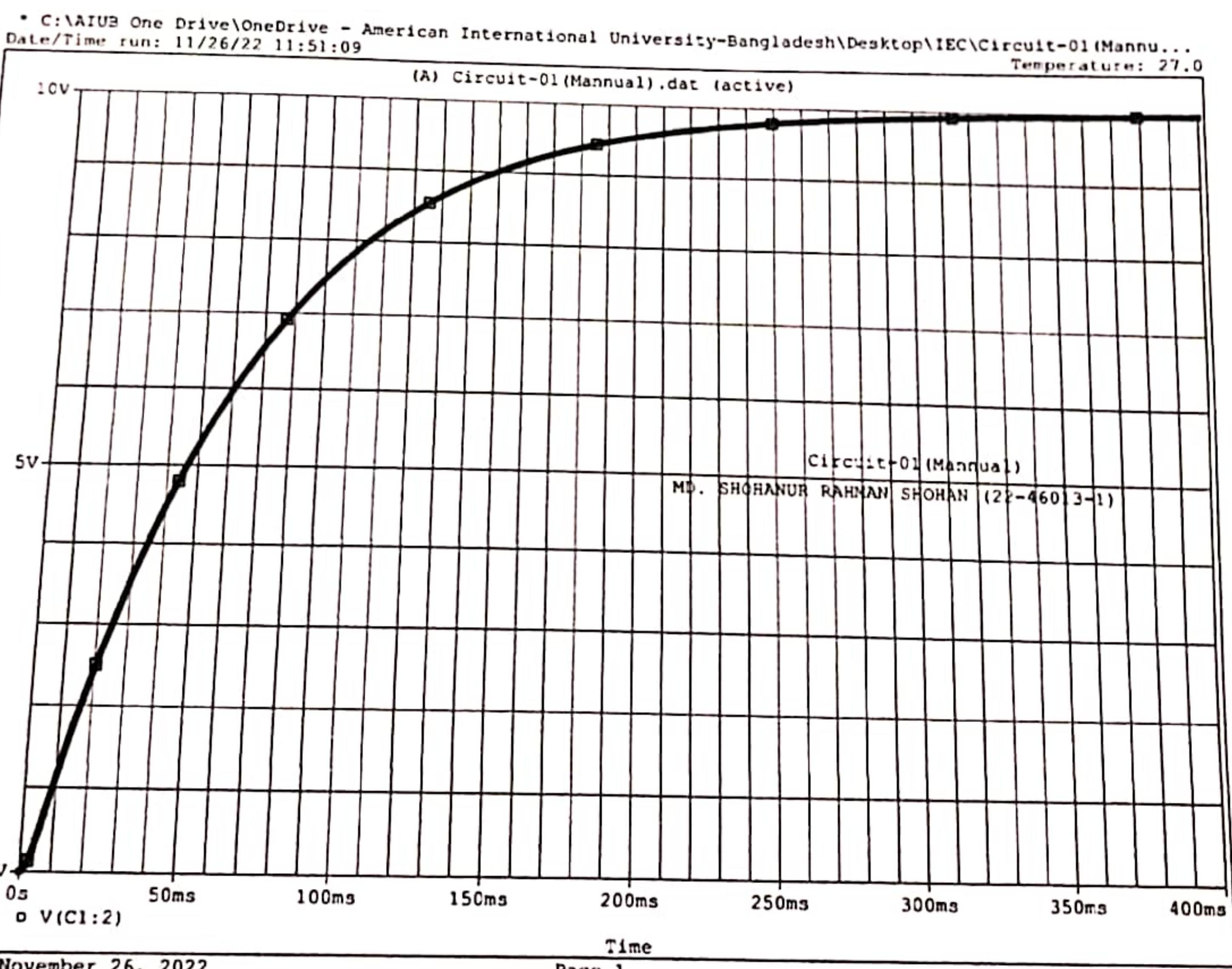
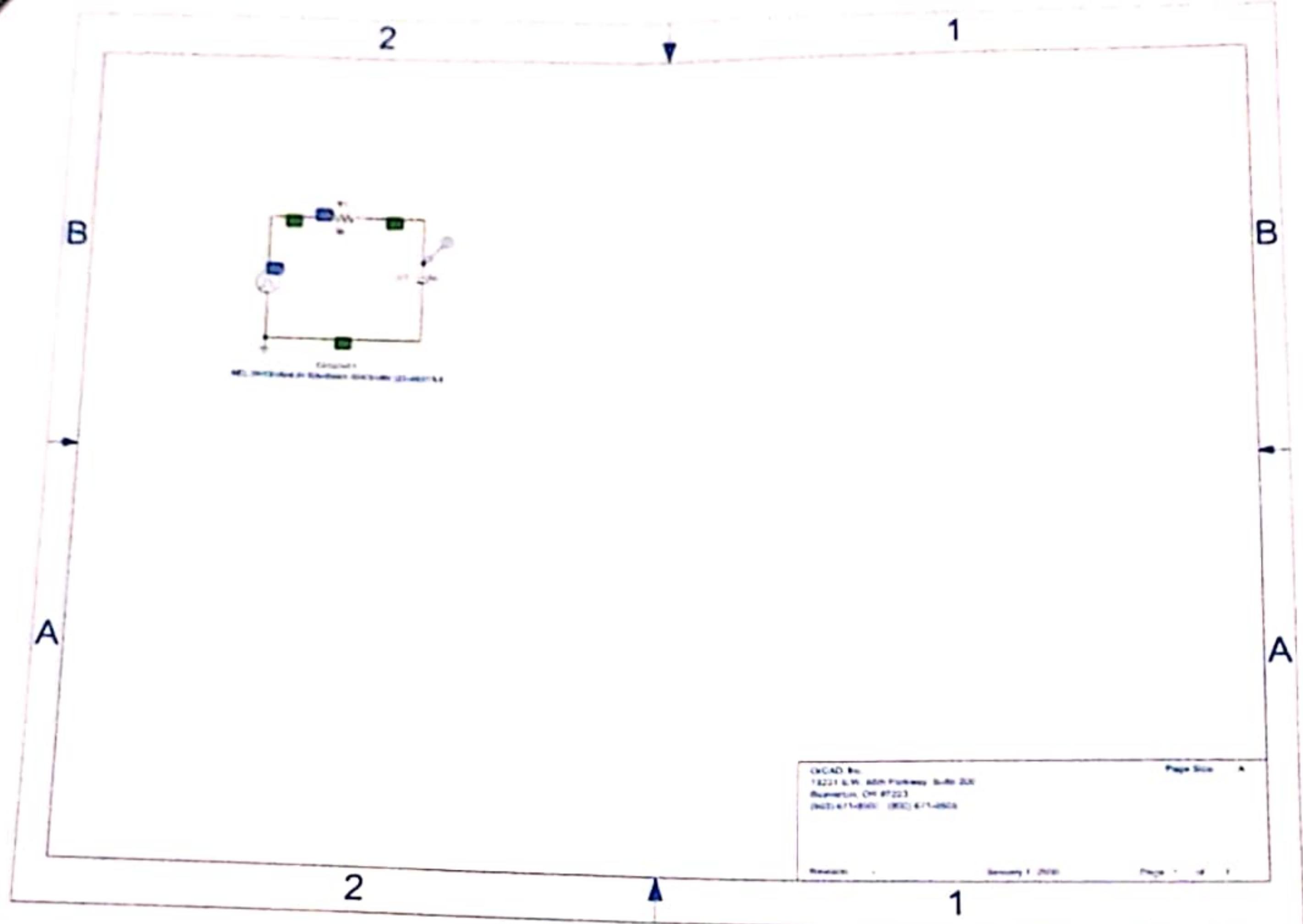
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1	MD. SHOHANUR RAHMAN SHOHAN	✓ 10	22-46013-1	B. Sc. in CSE Shohan
2	MAHNAZ TABASSUM ORPITA	✓ 10	22-46024-1	B. Sc. in CSE Orpita
3	LIDA KHAN MUKTI	✓ 9	22-47000-1	B. Sc. in CSE Lida
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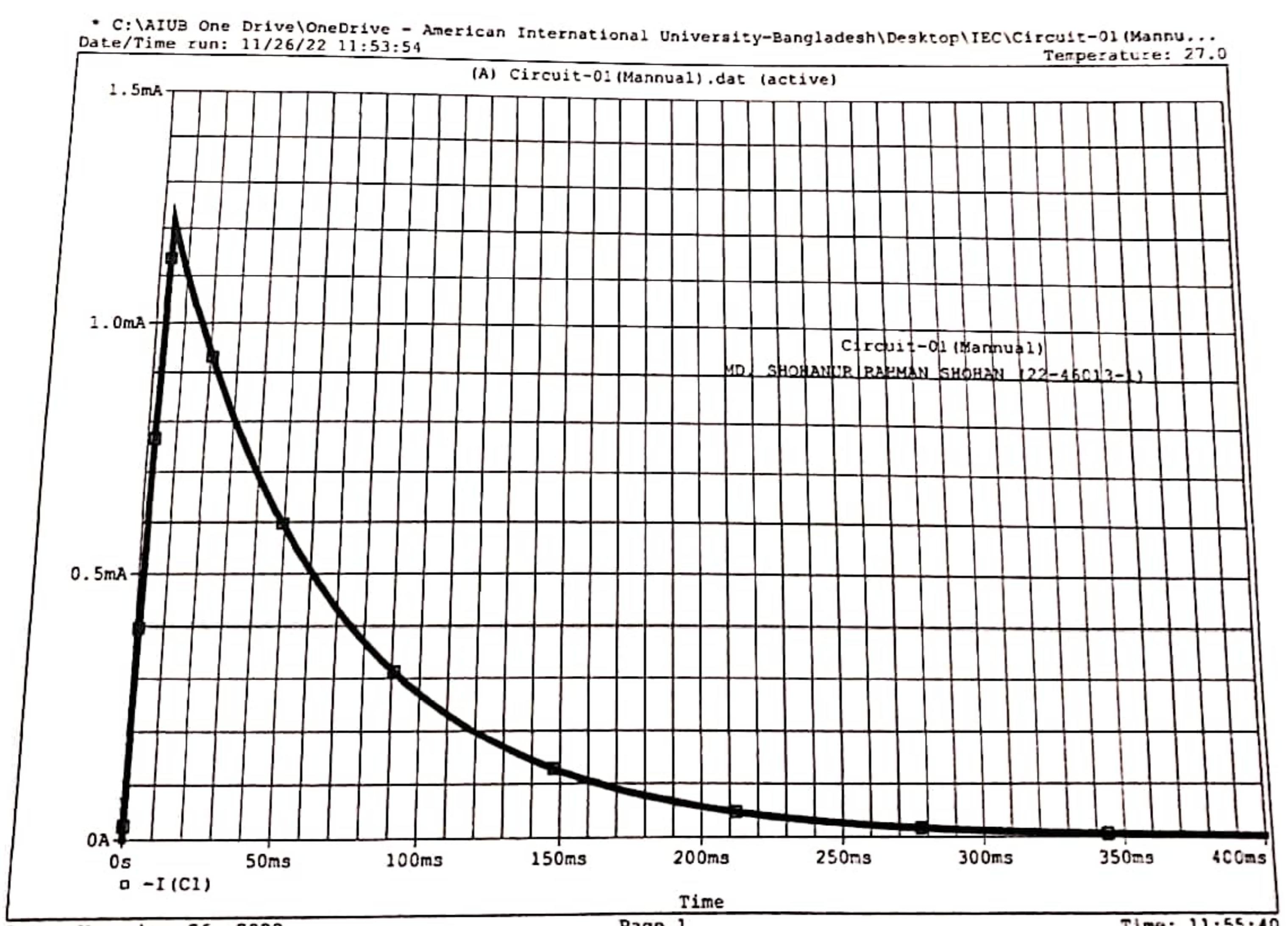
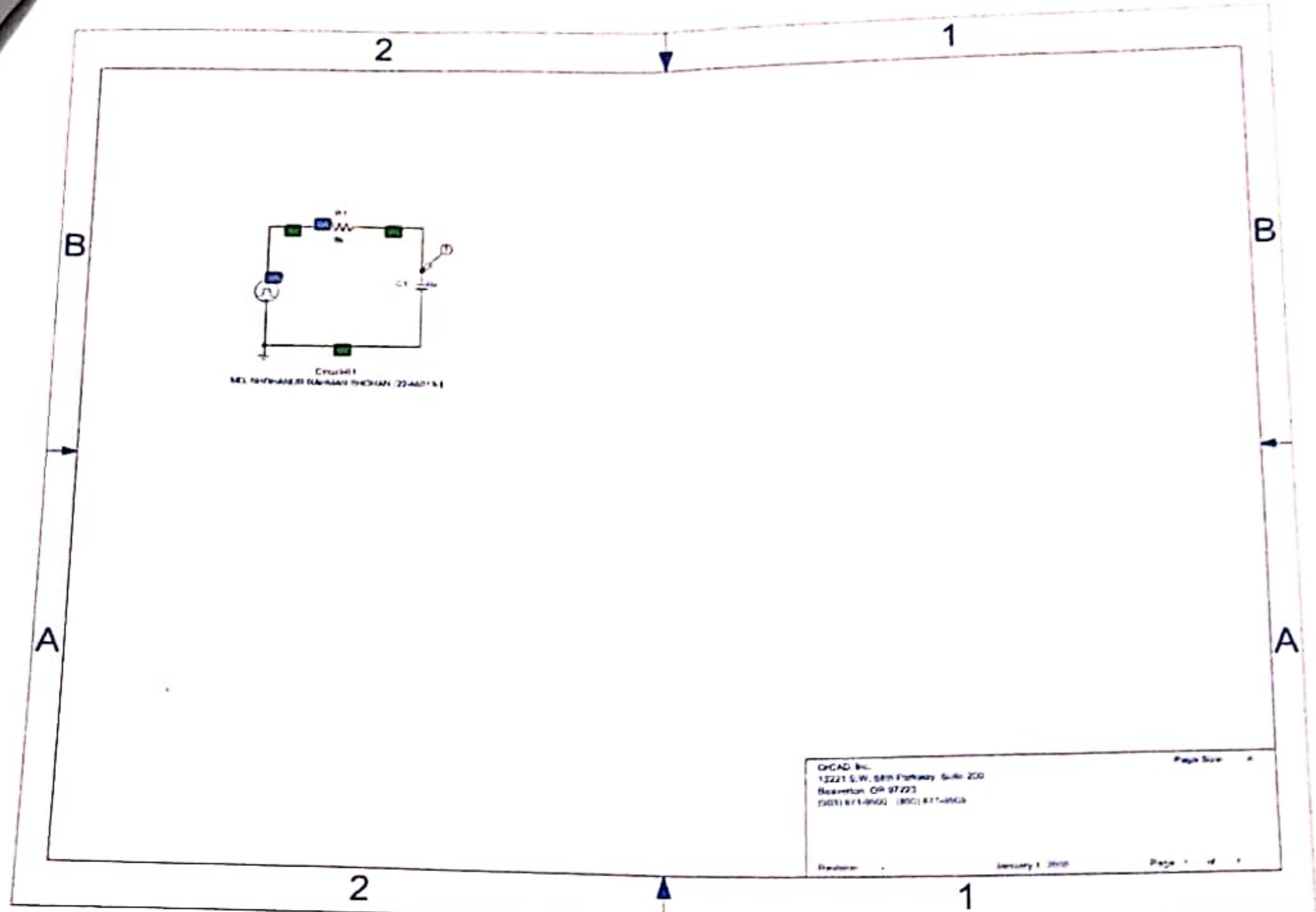
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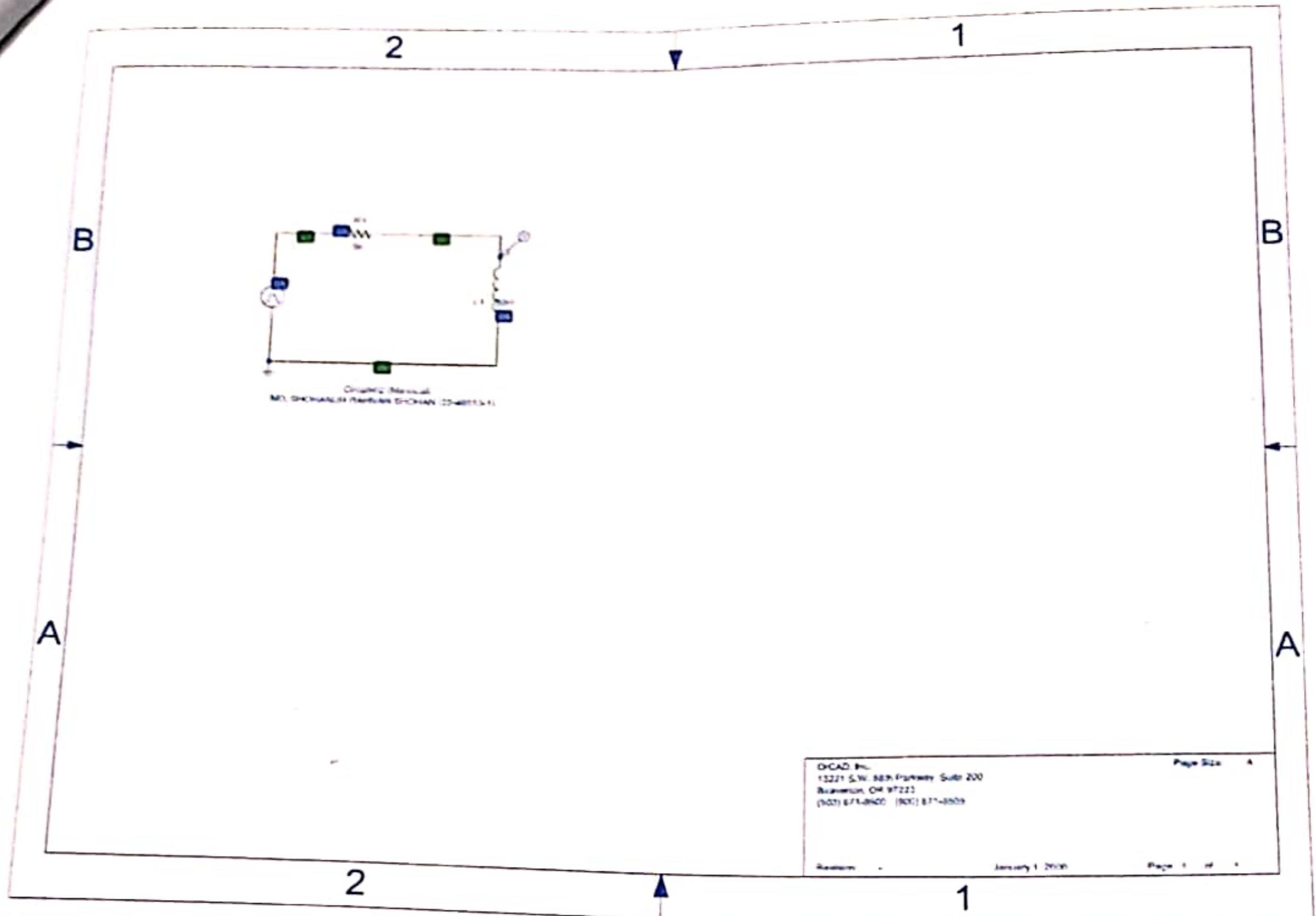
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Marks
Obtained

Total Marks

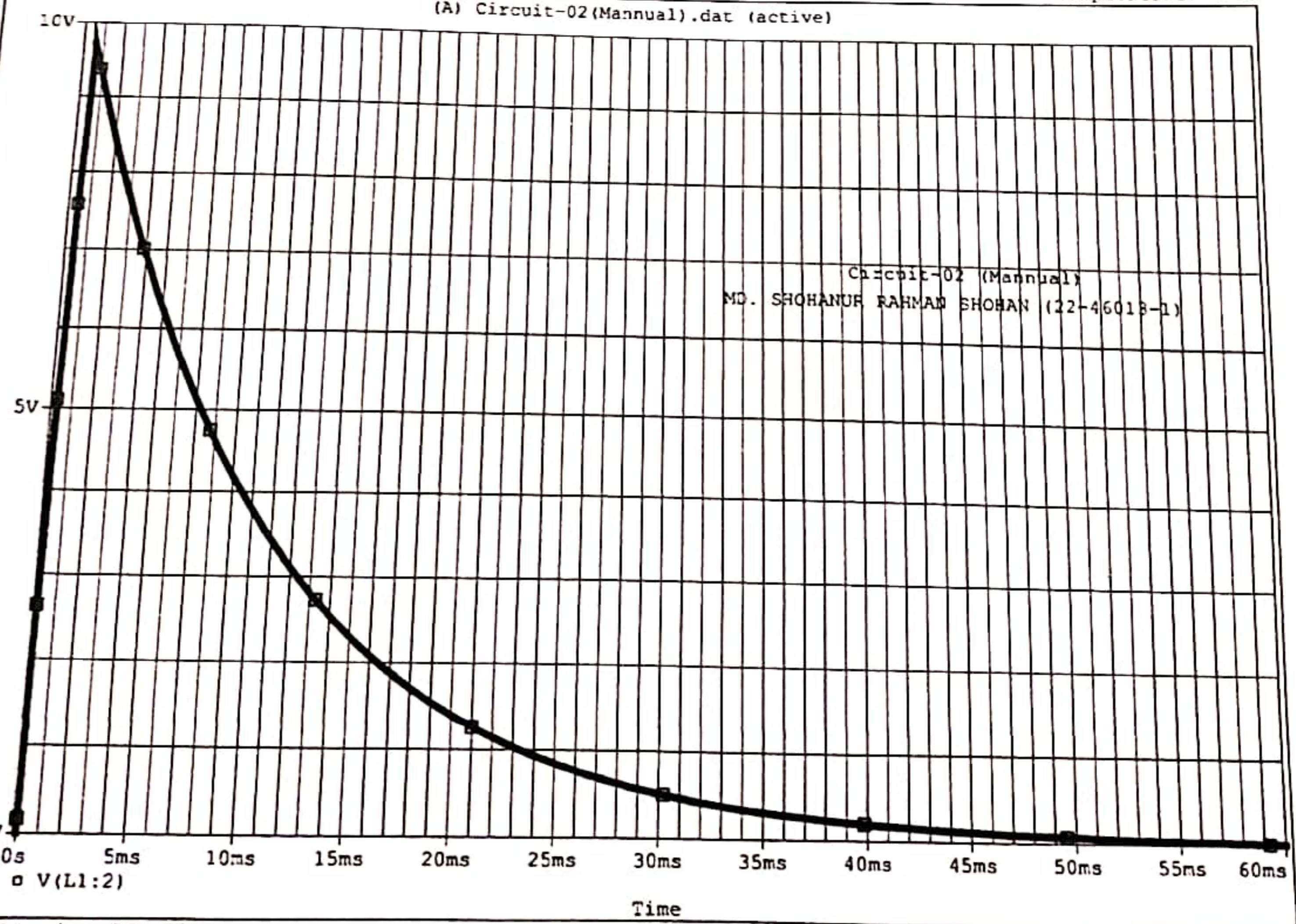


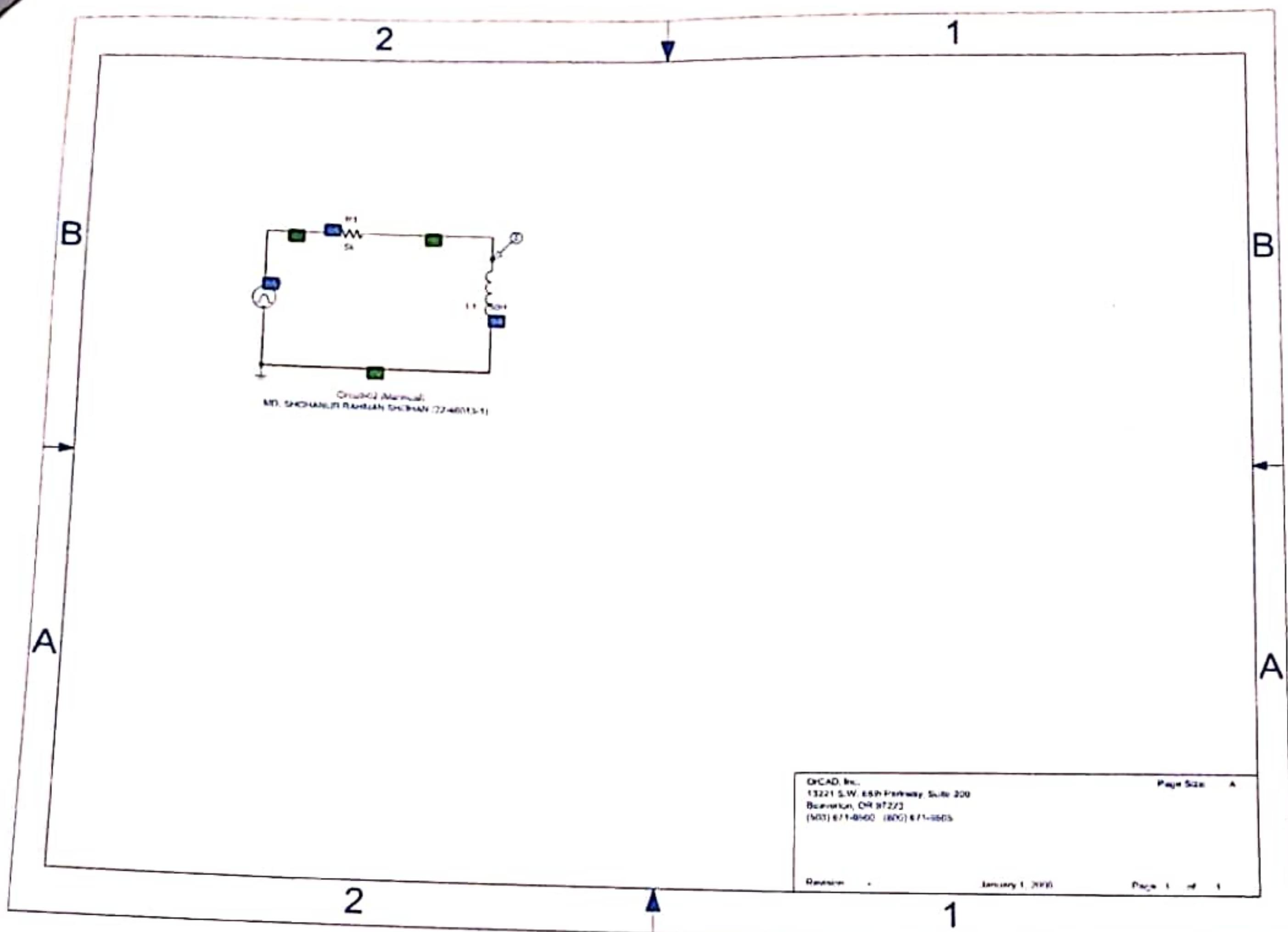




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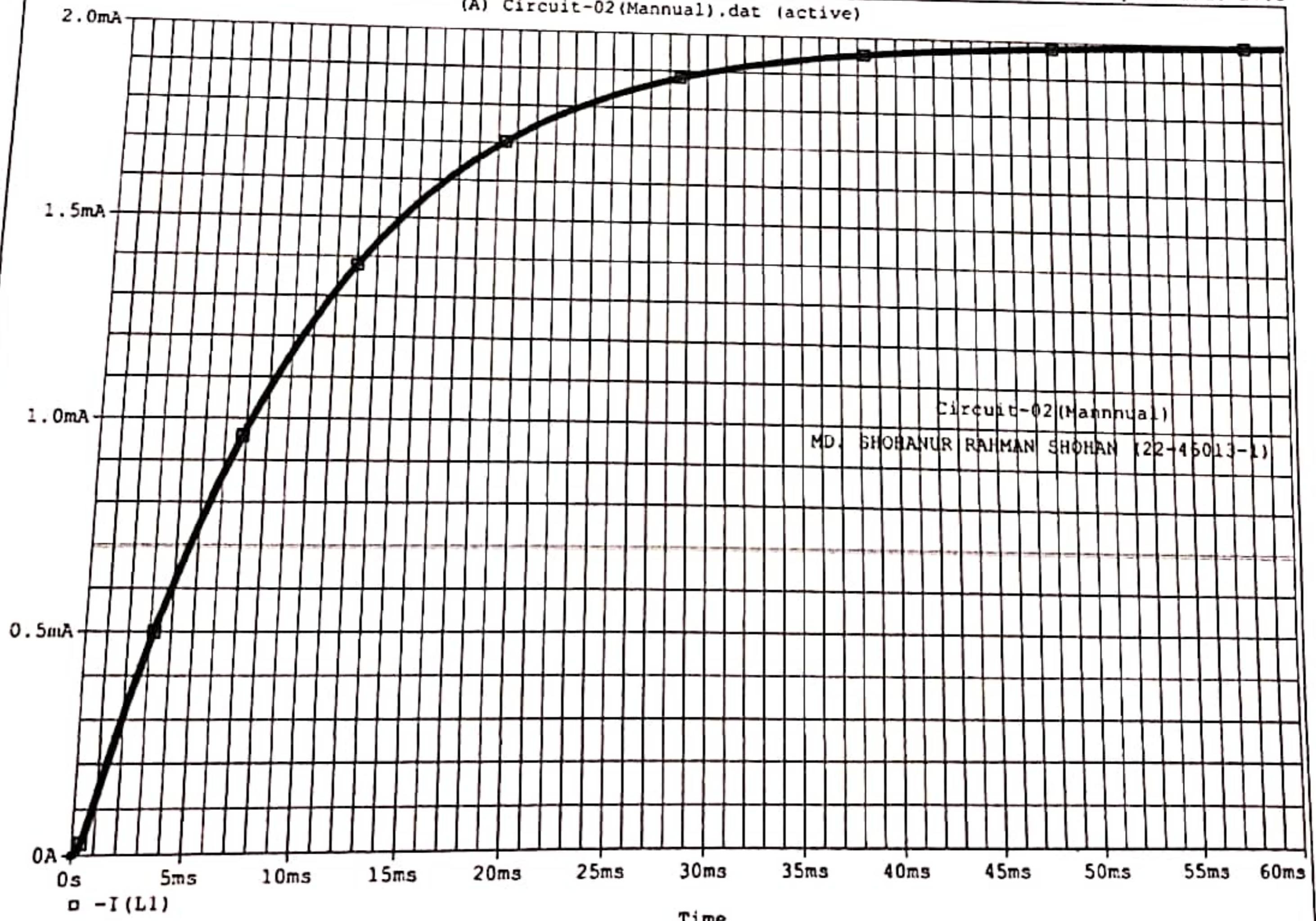
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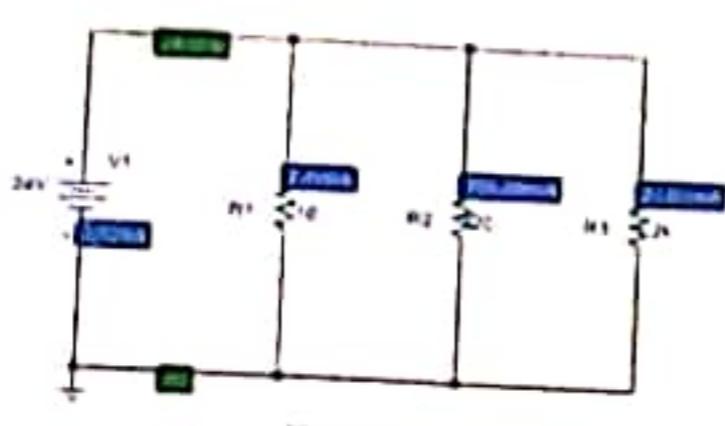


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CIRCUIT-1
MD. SHOHANUR RAHMAN SHOHAN (22-46013-1)

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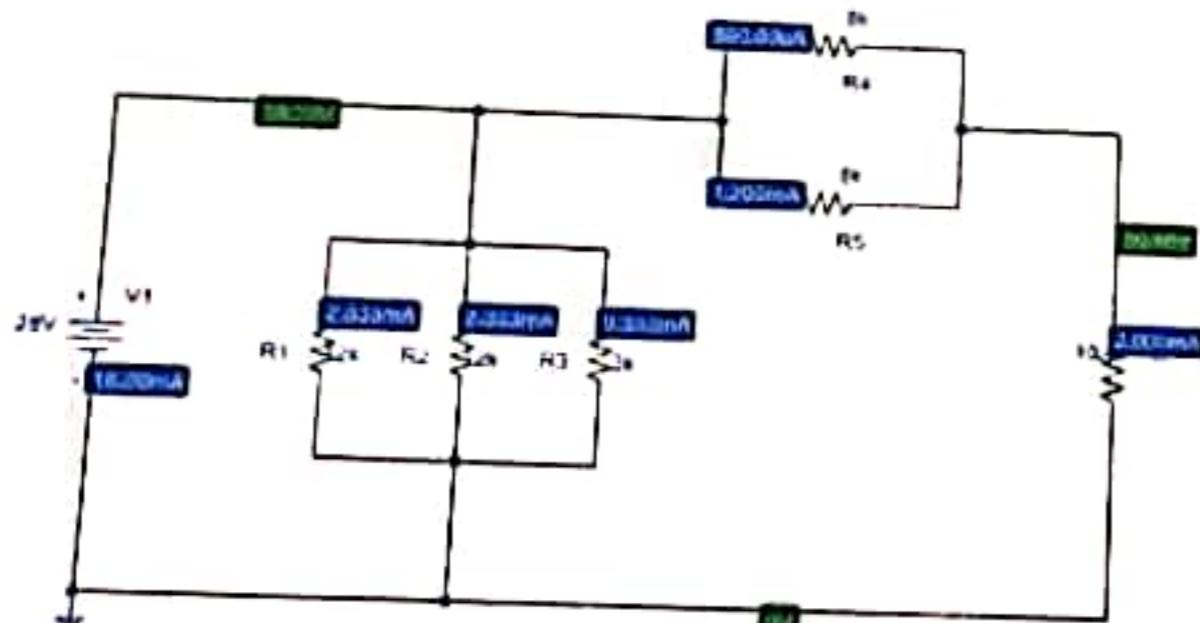
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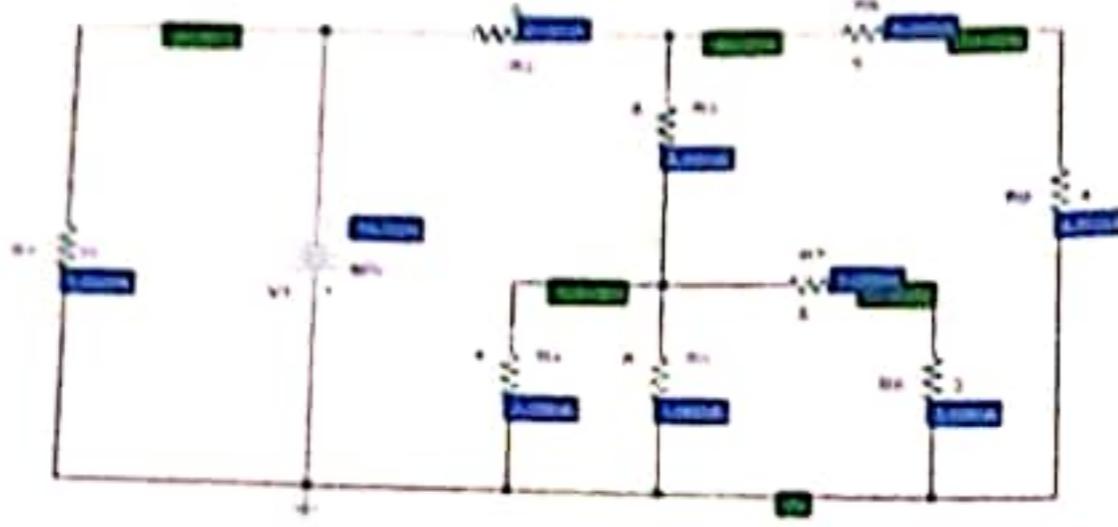
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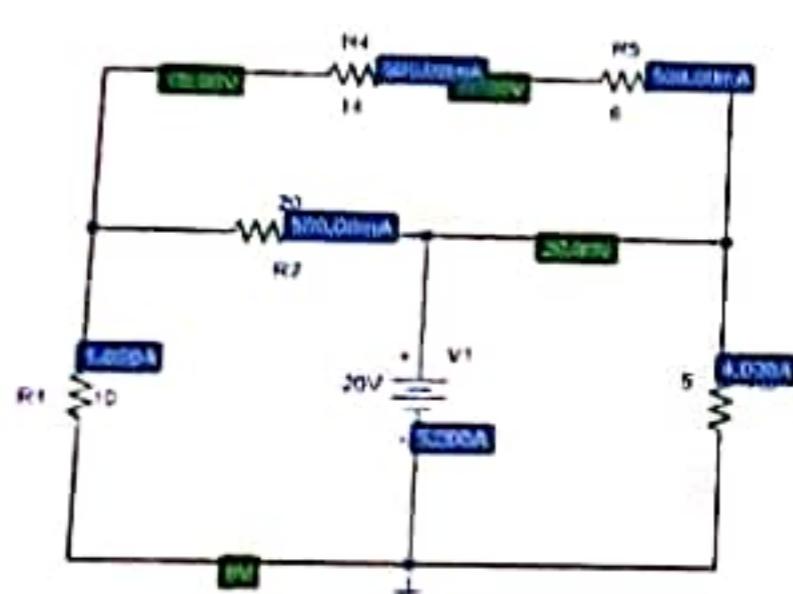
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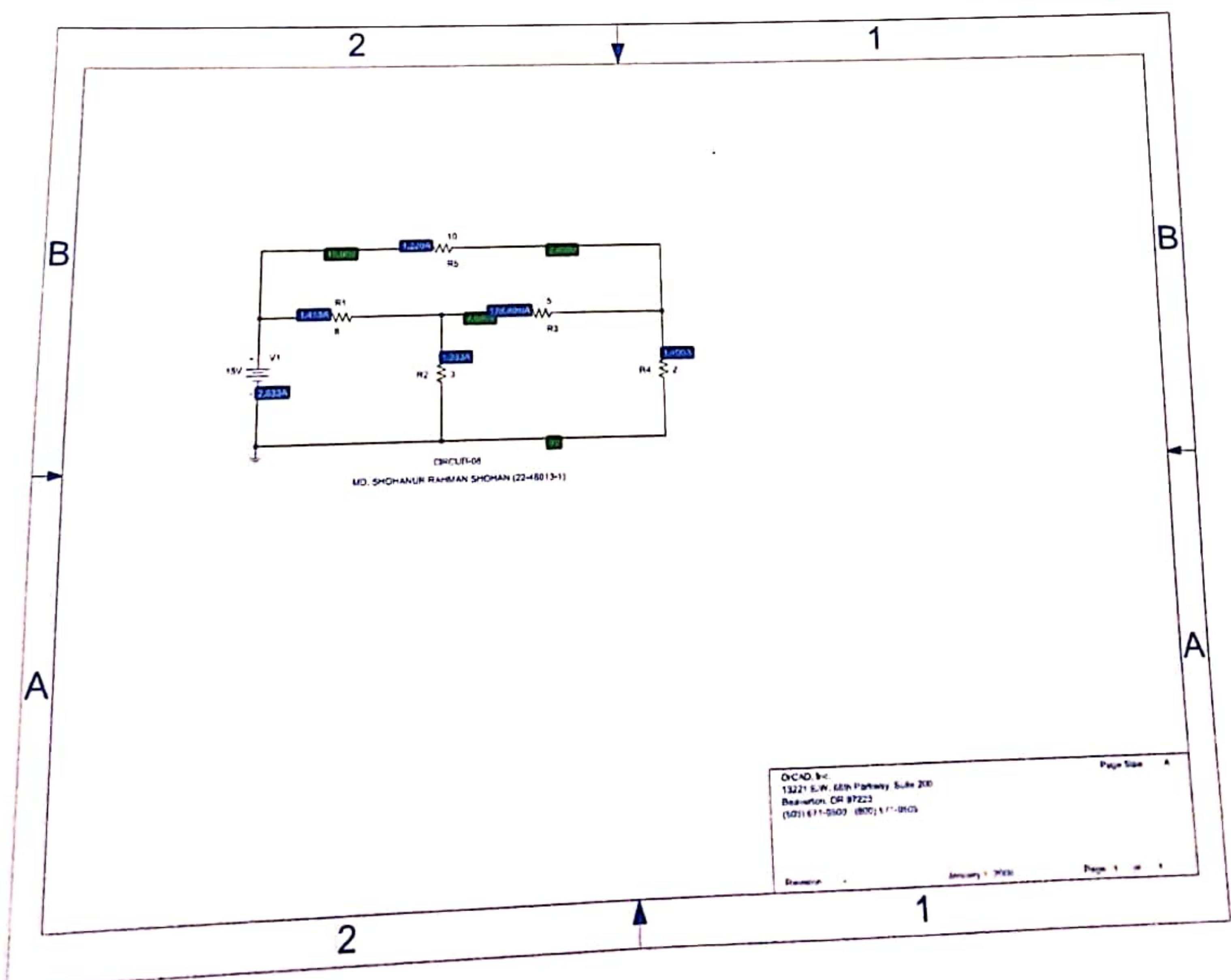
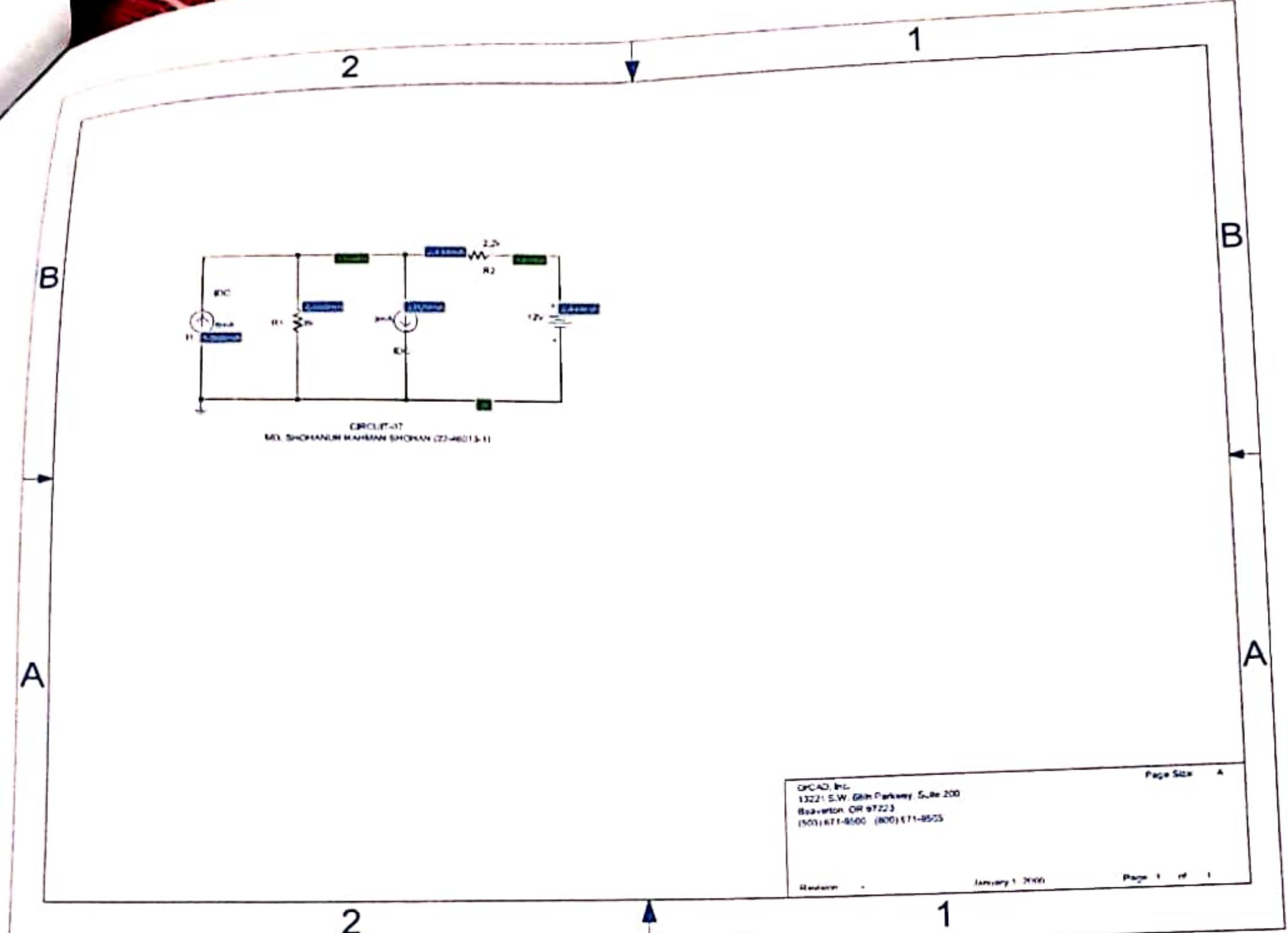
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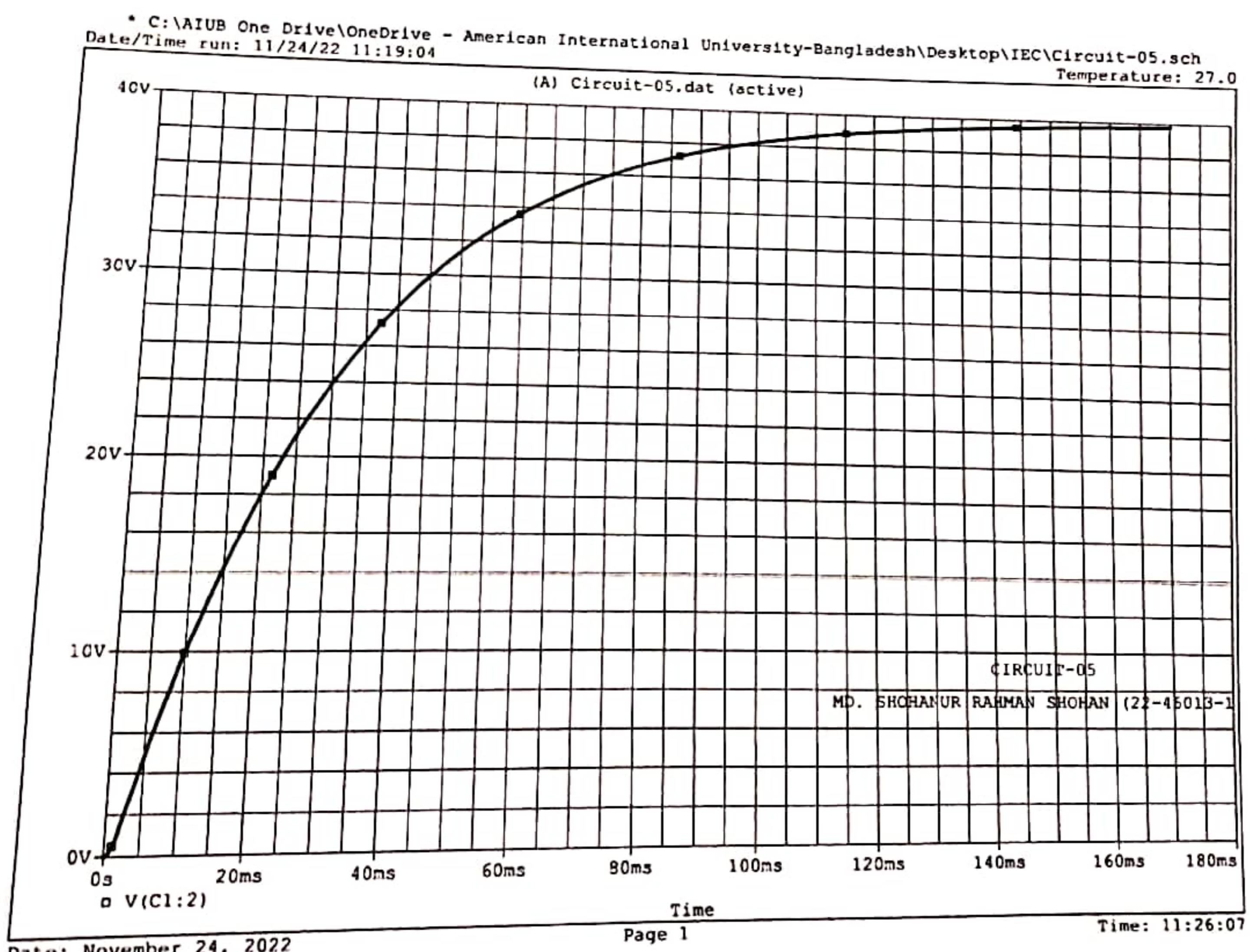
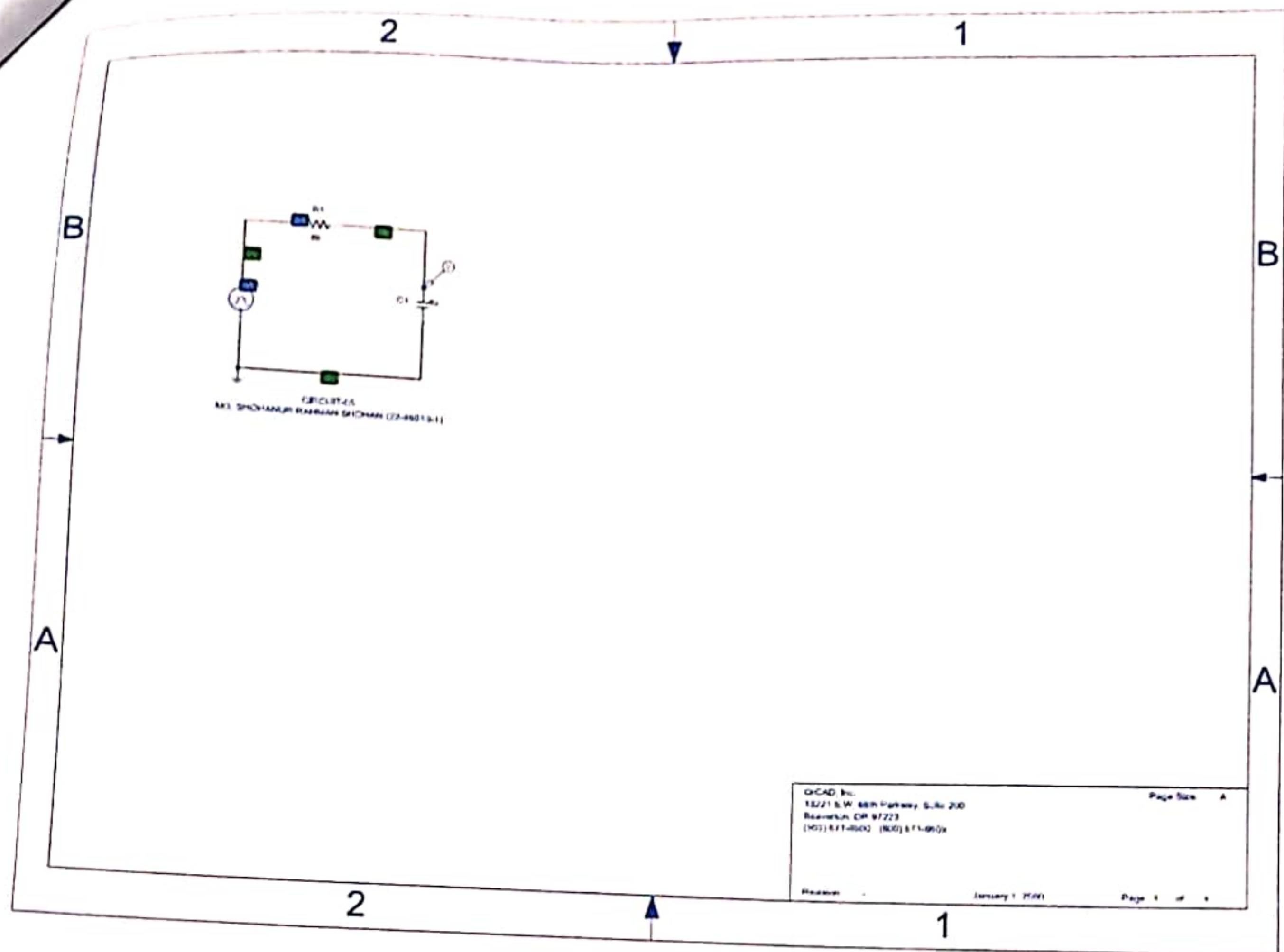
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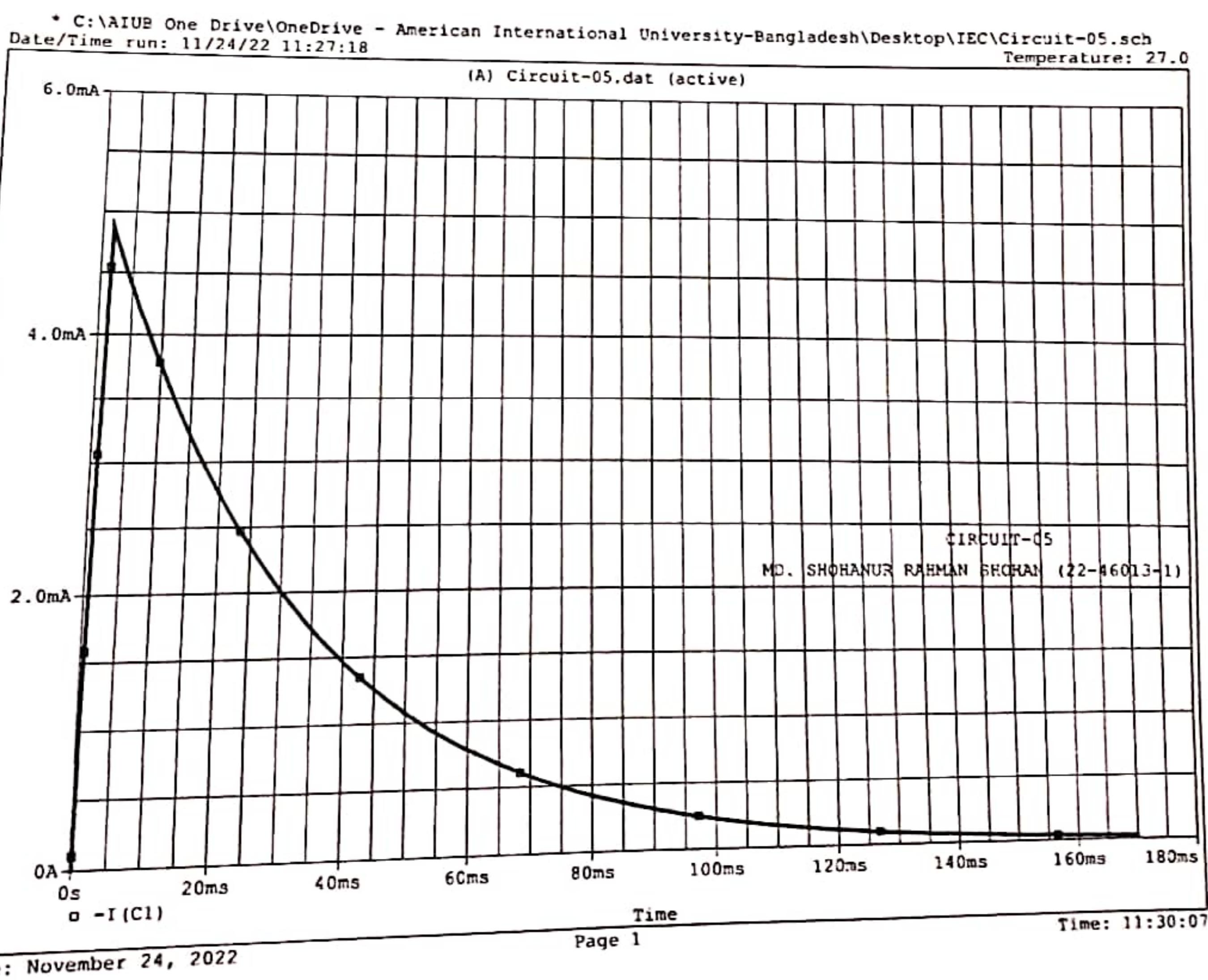
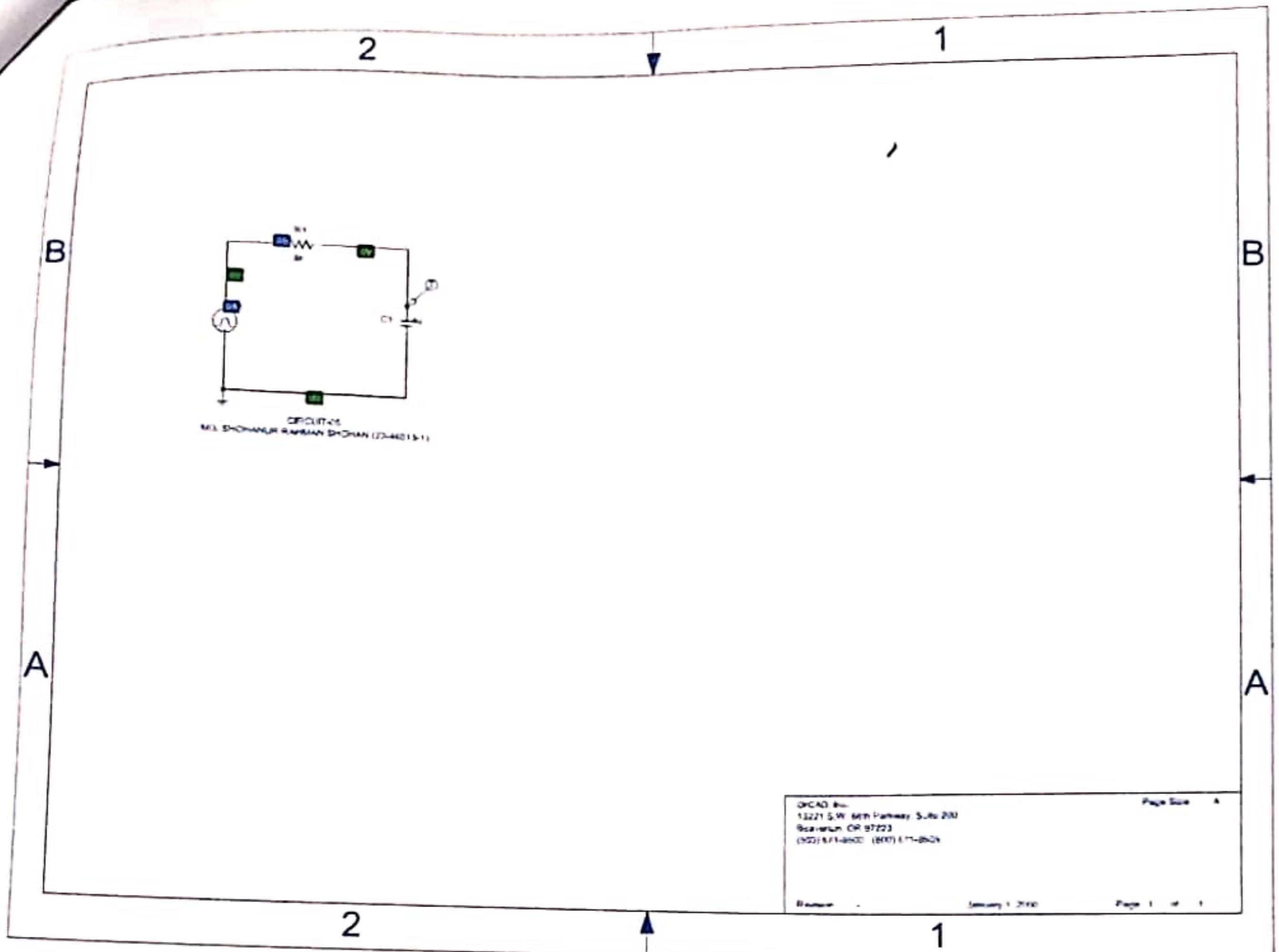
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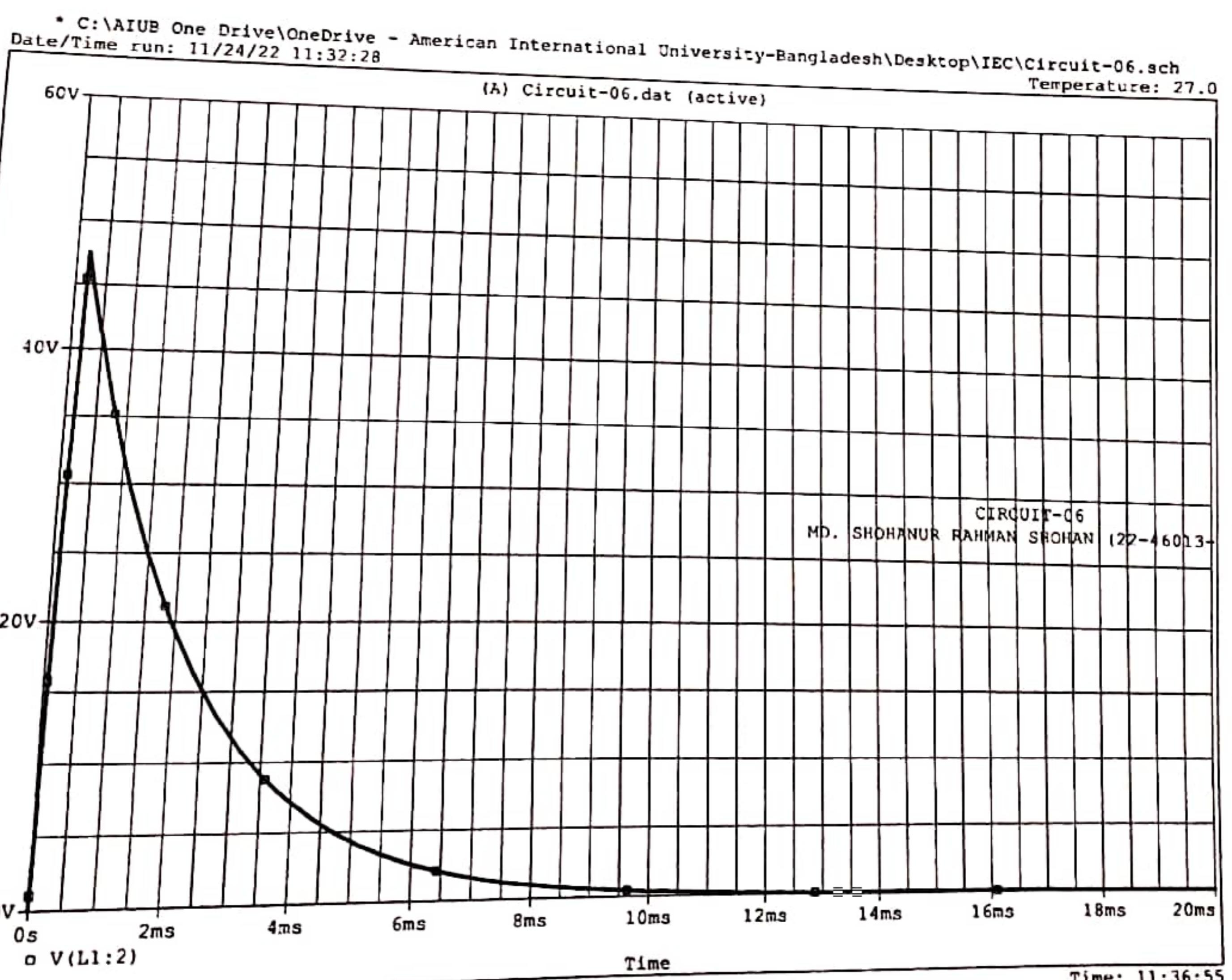
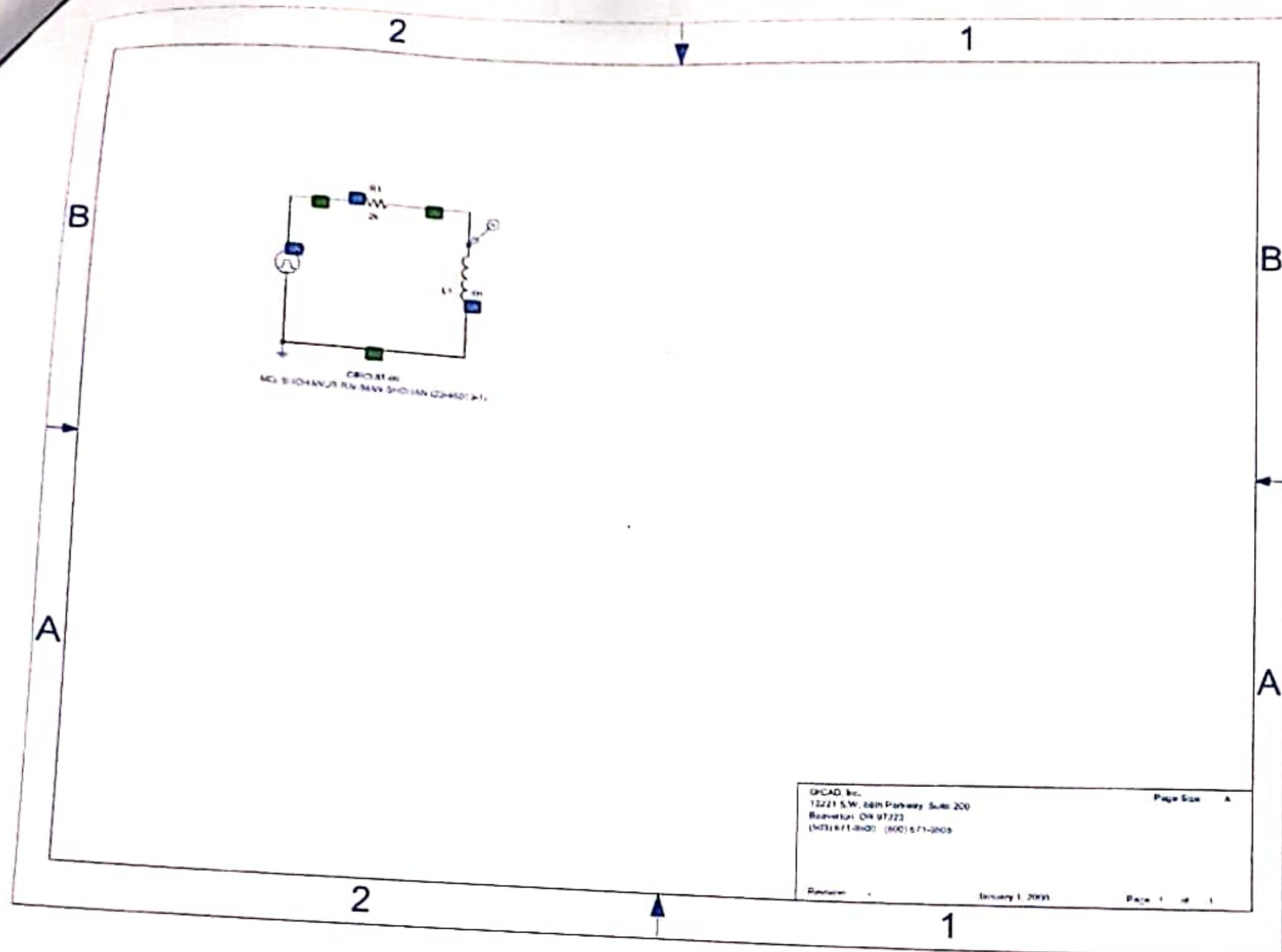
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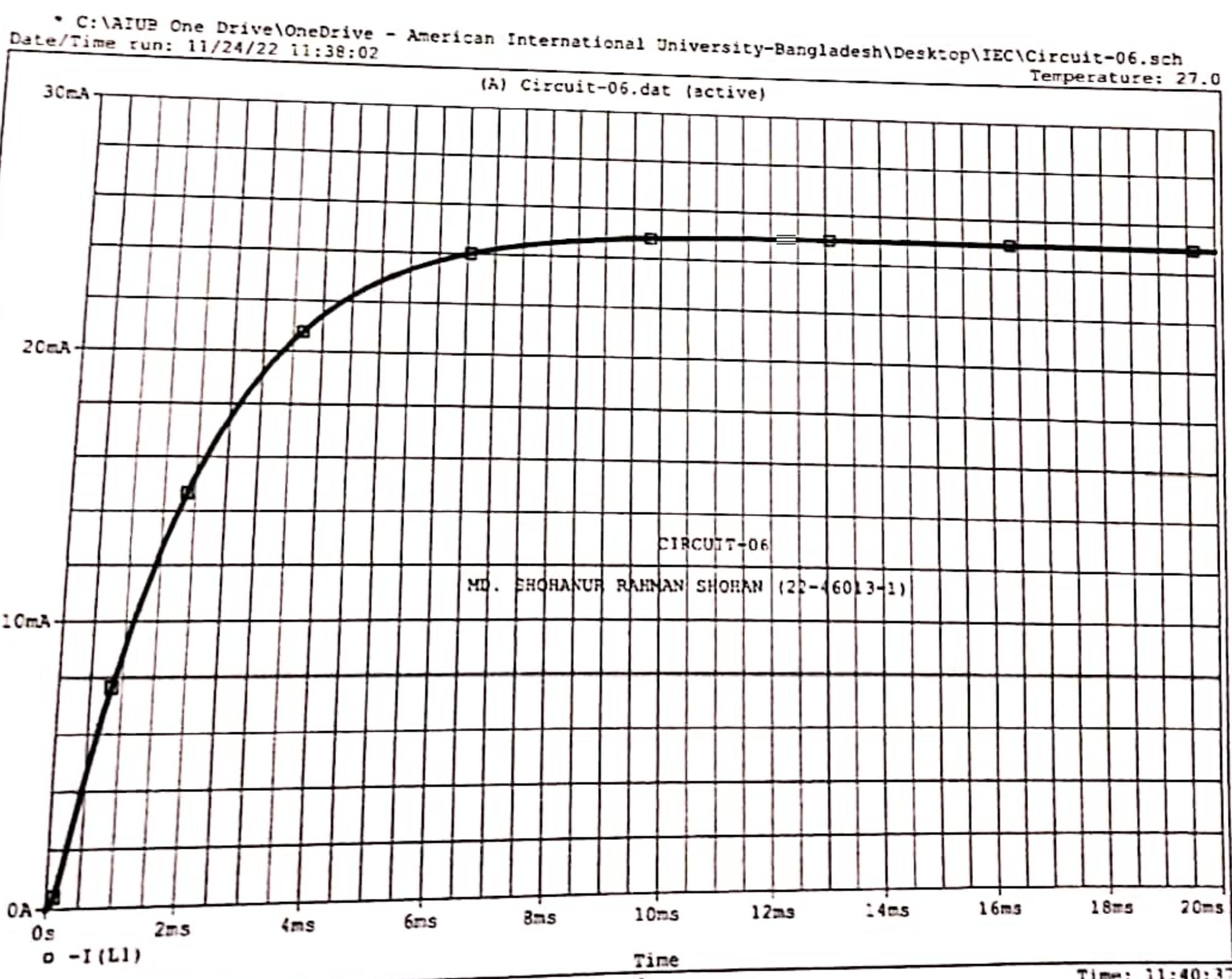
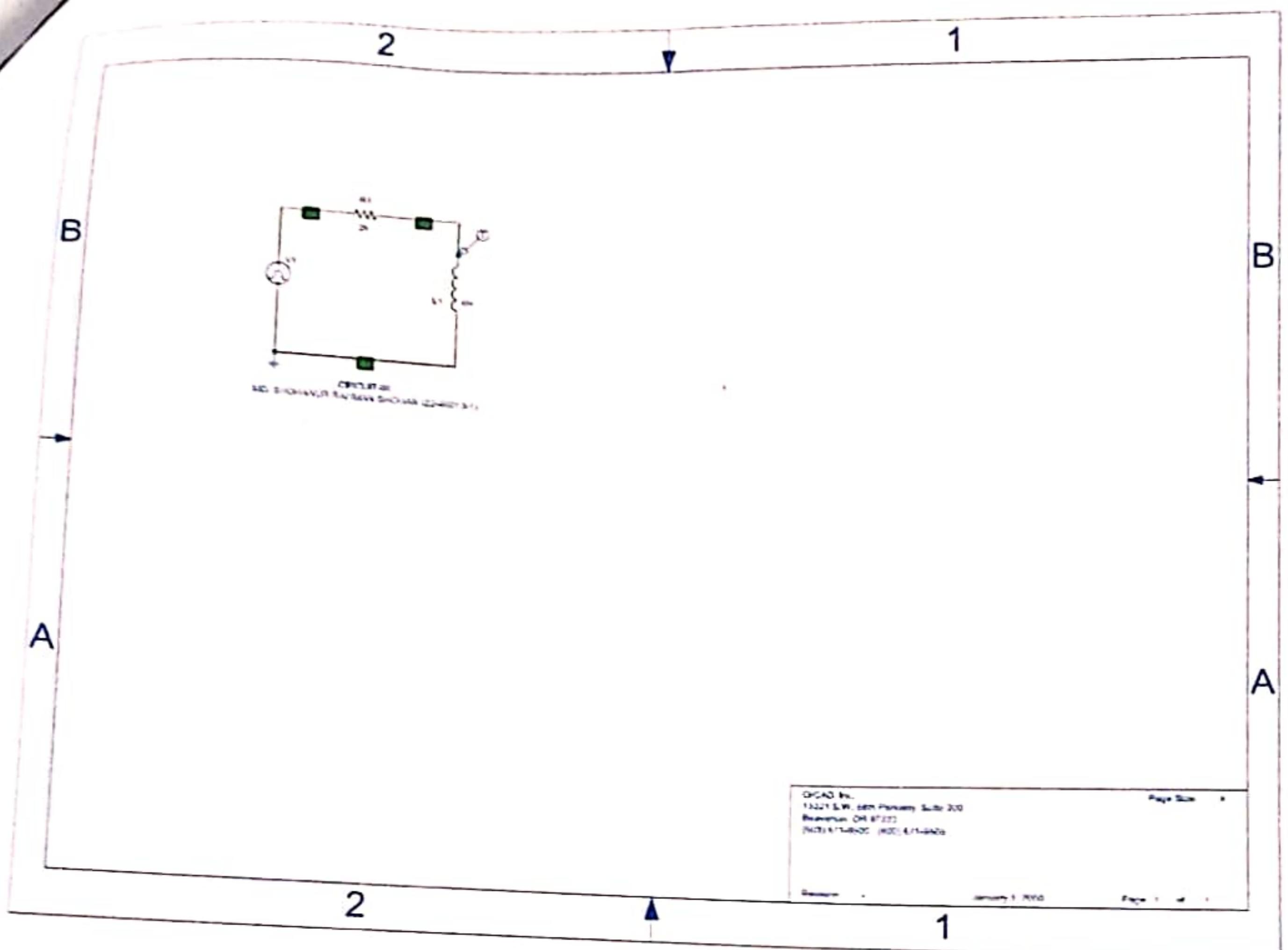
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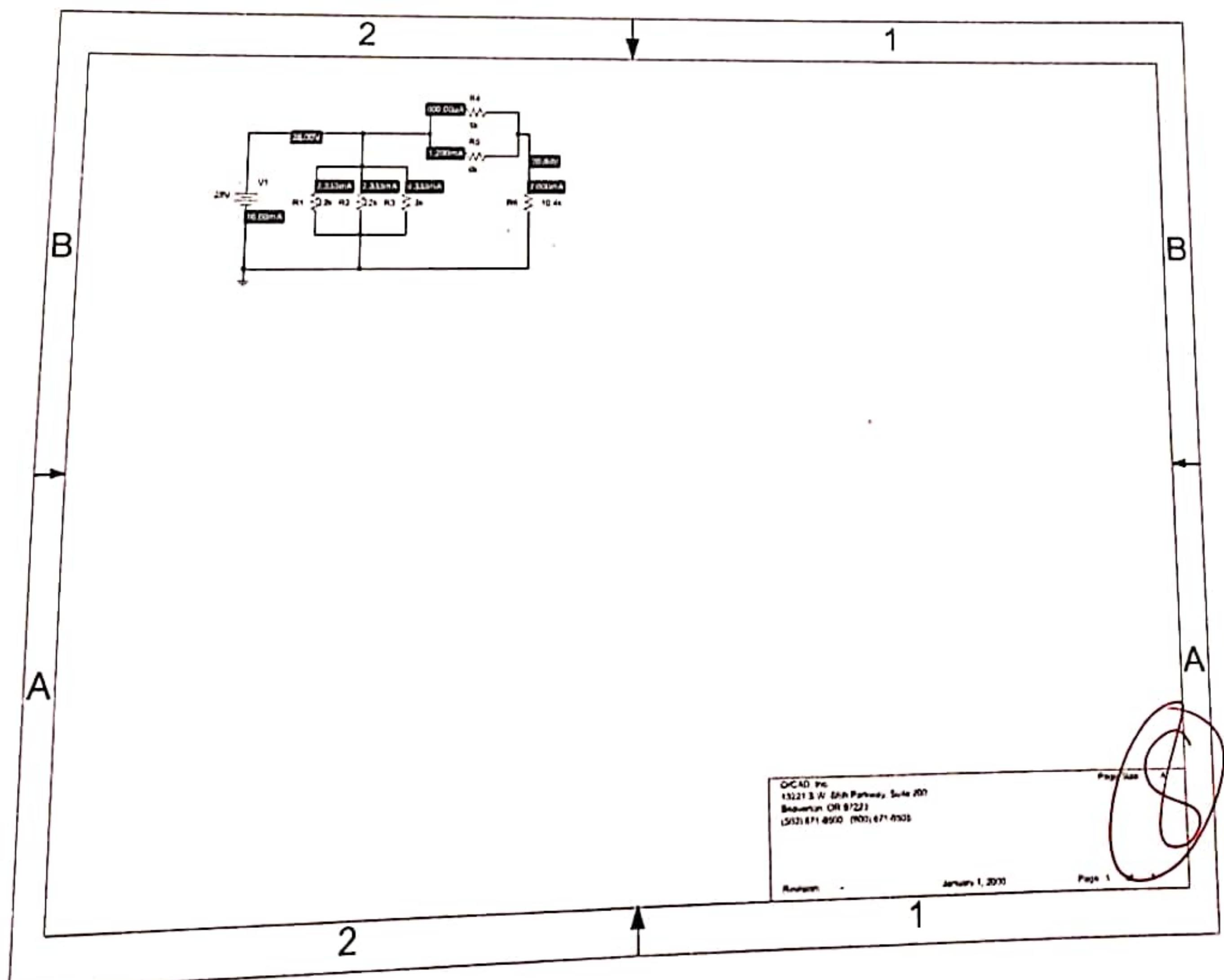
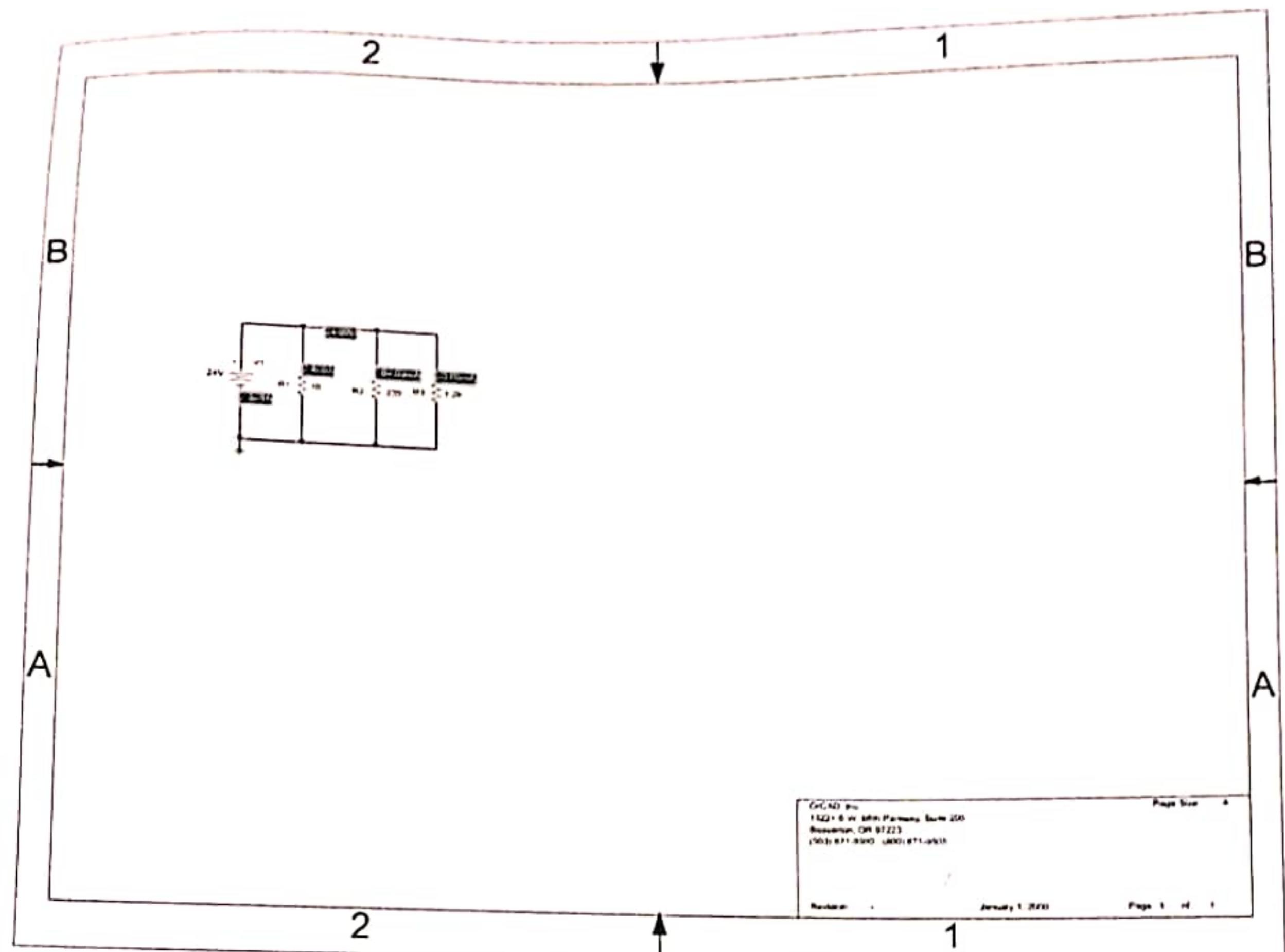


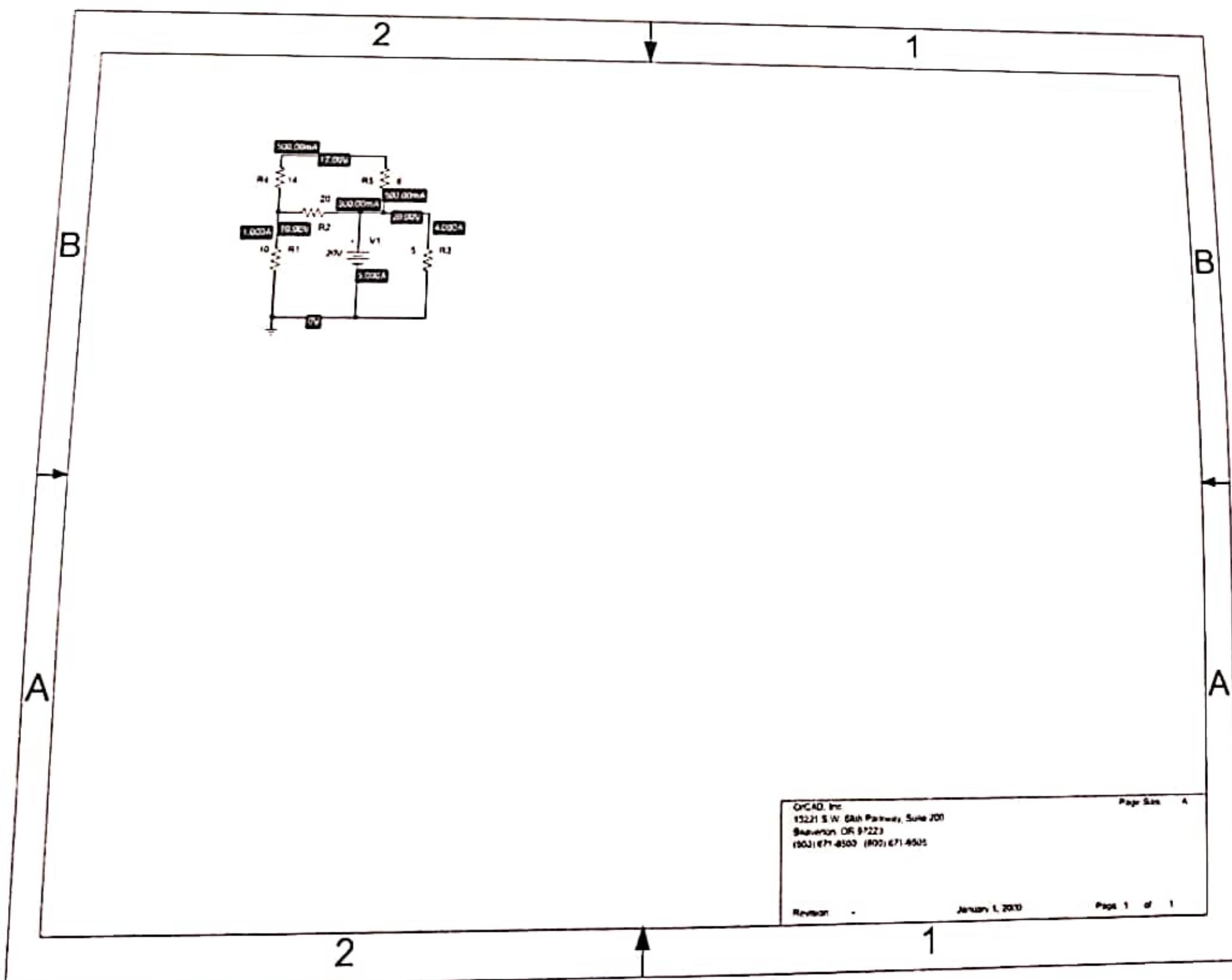
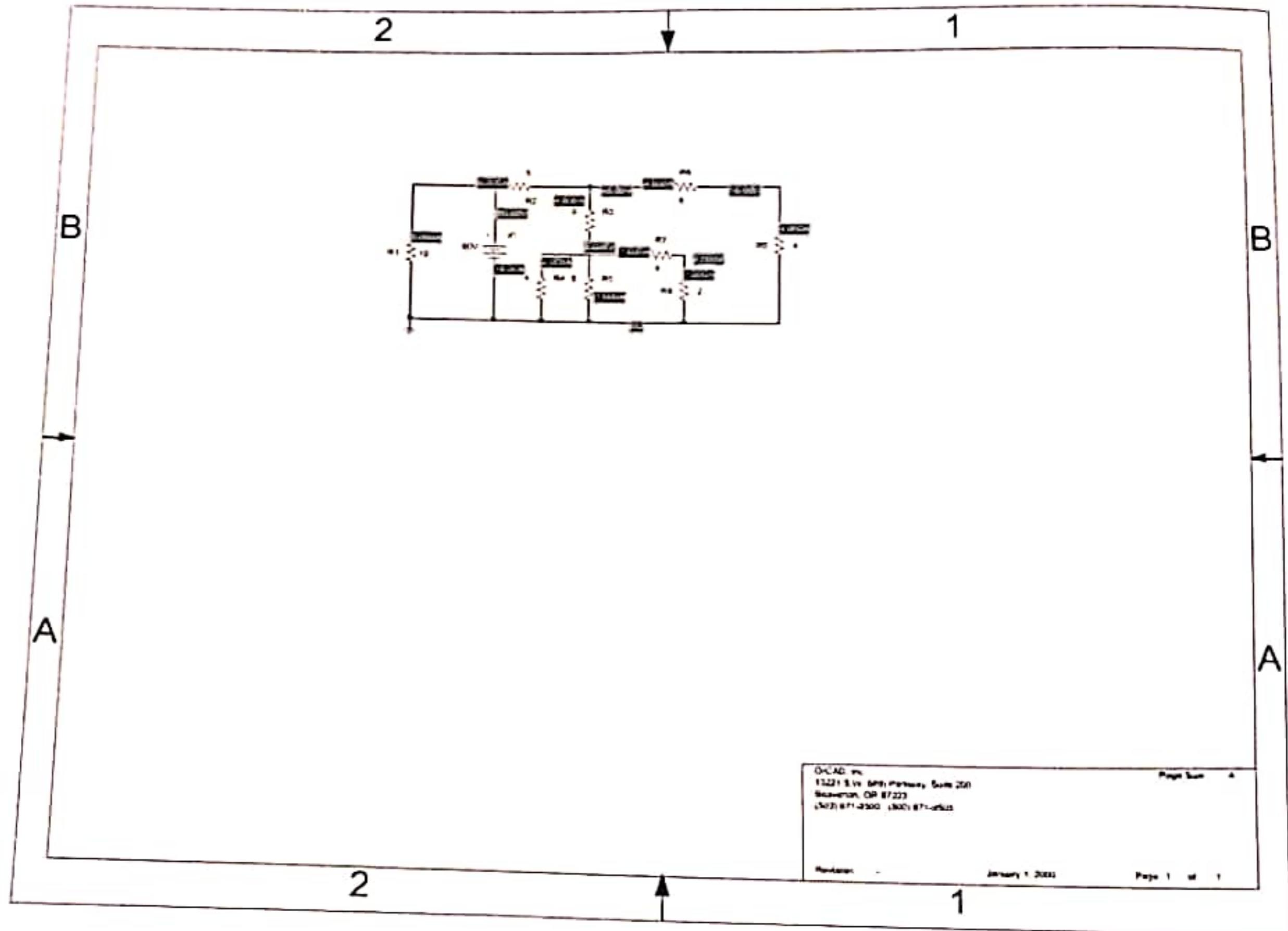


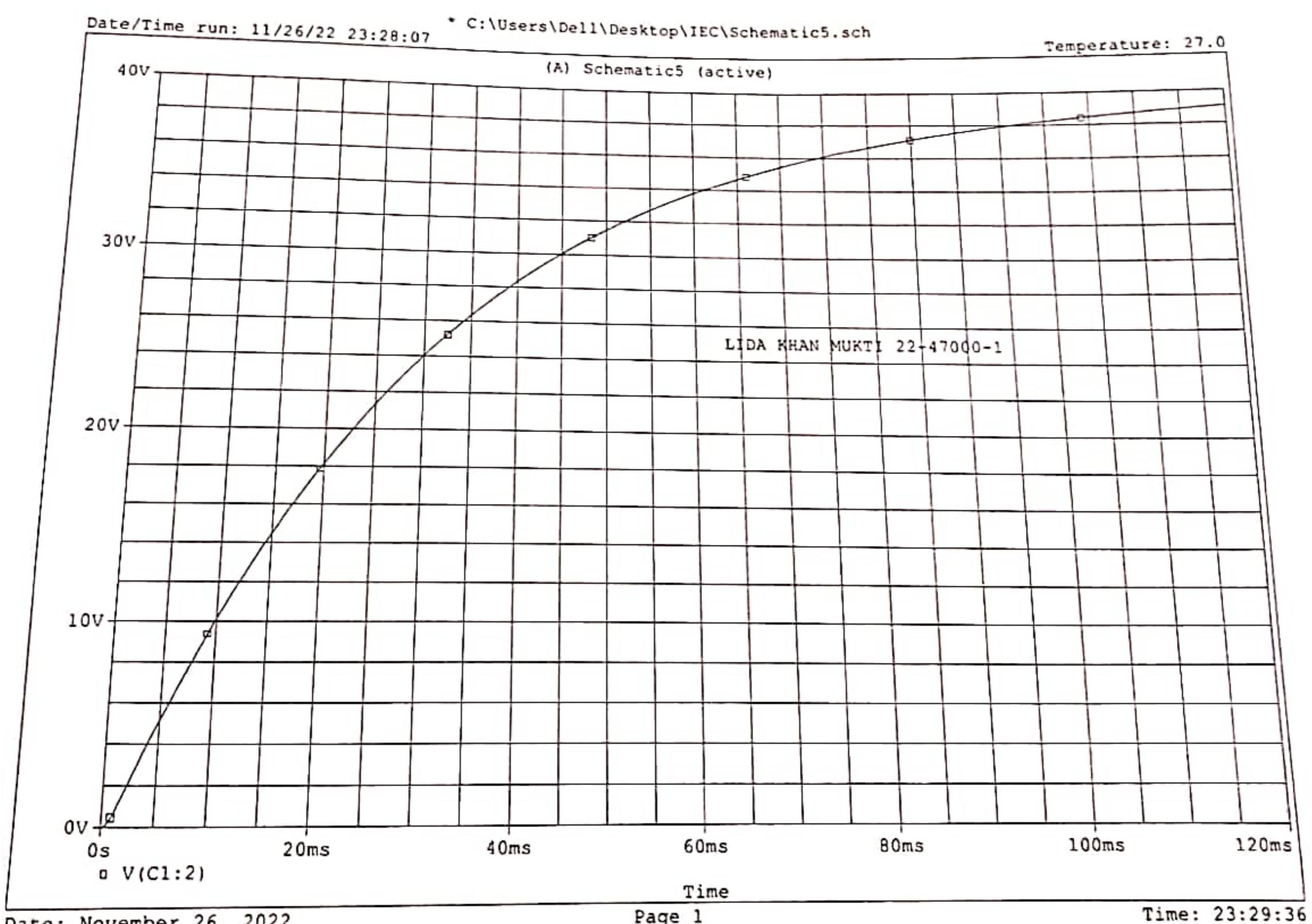
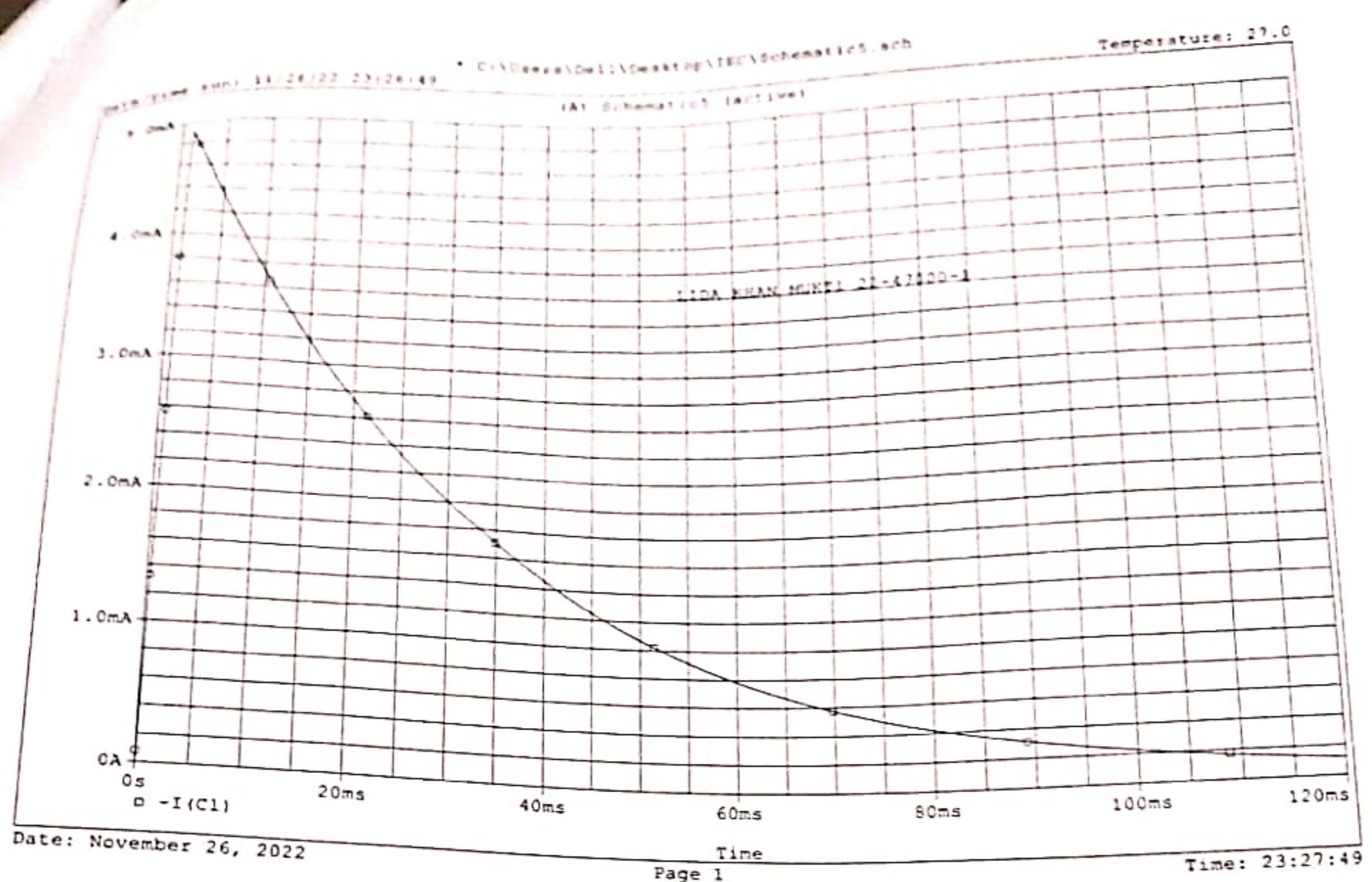


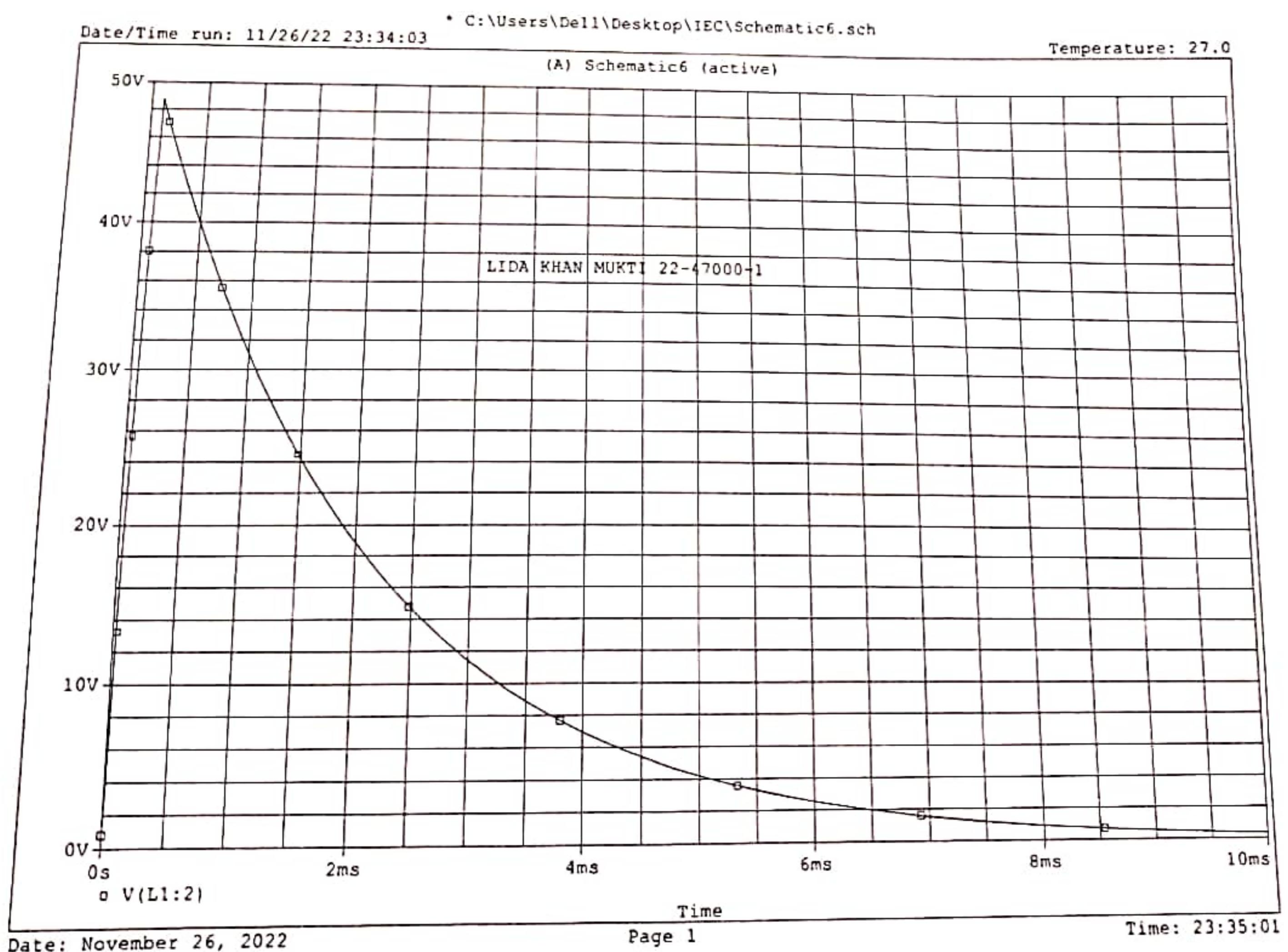
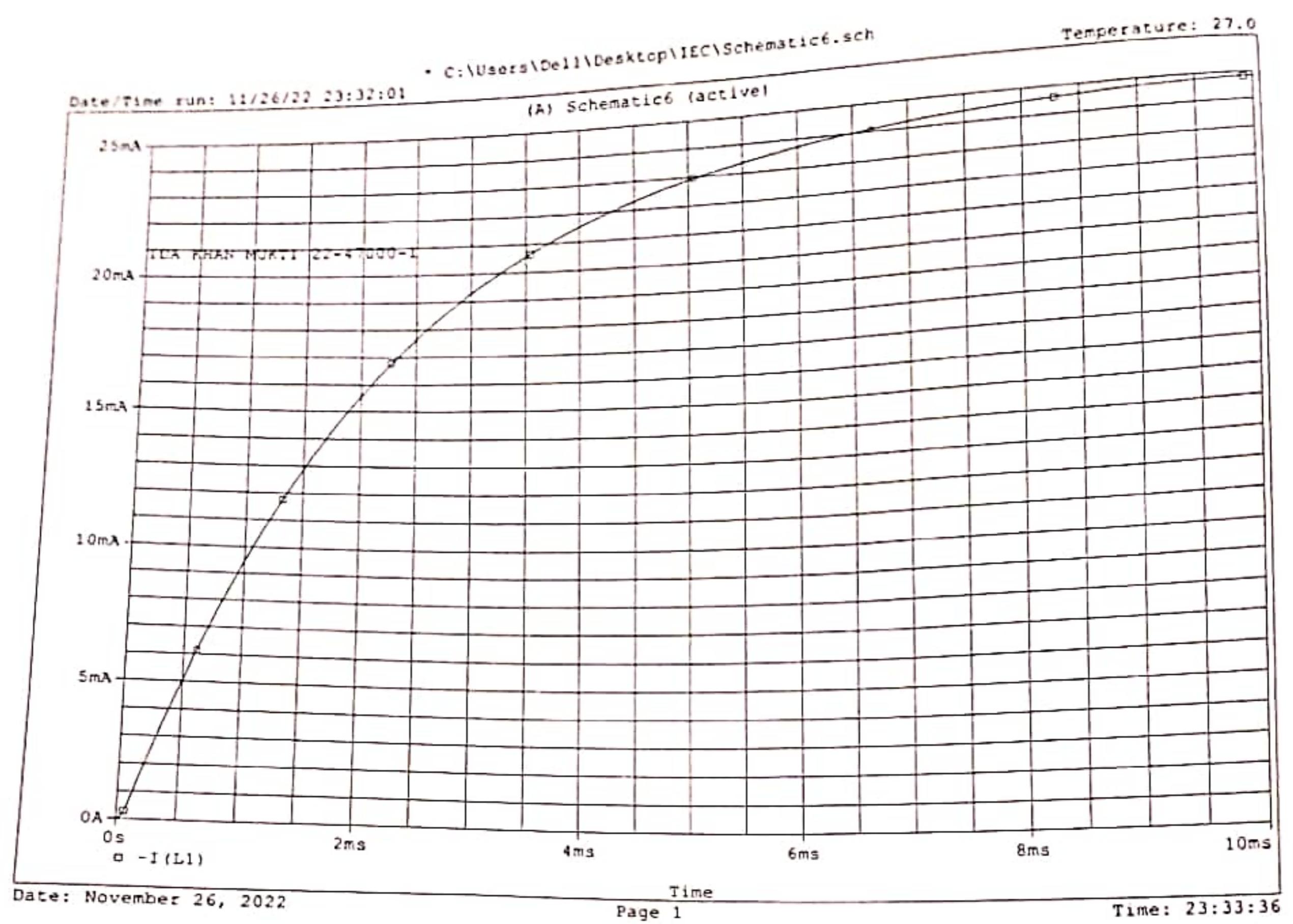


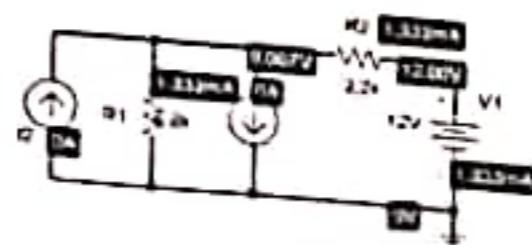












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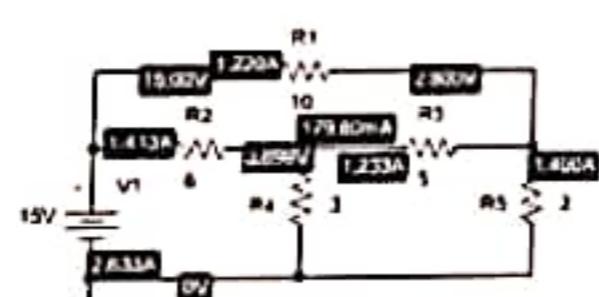
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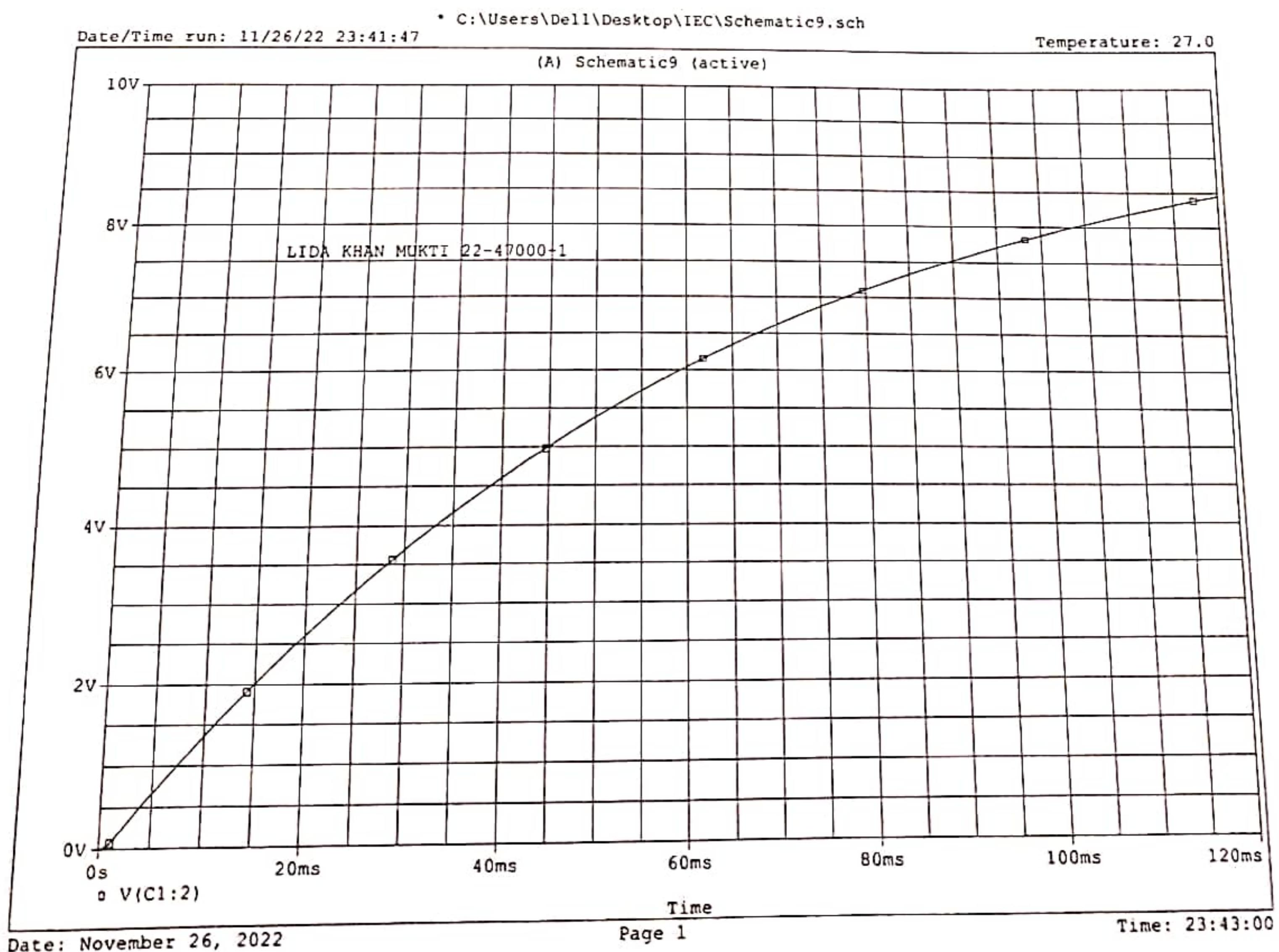
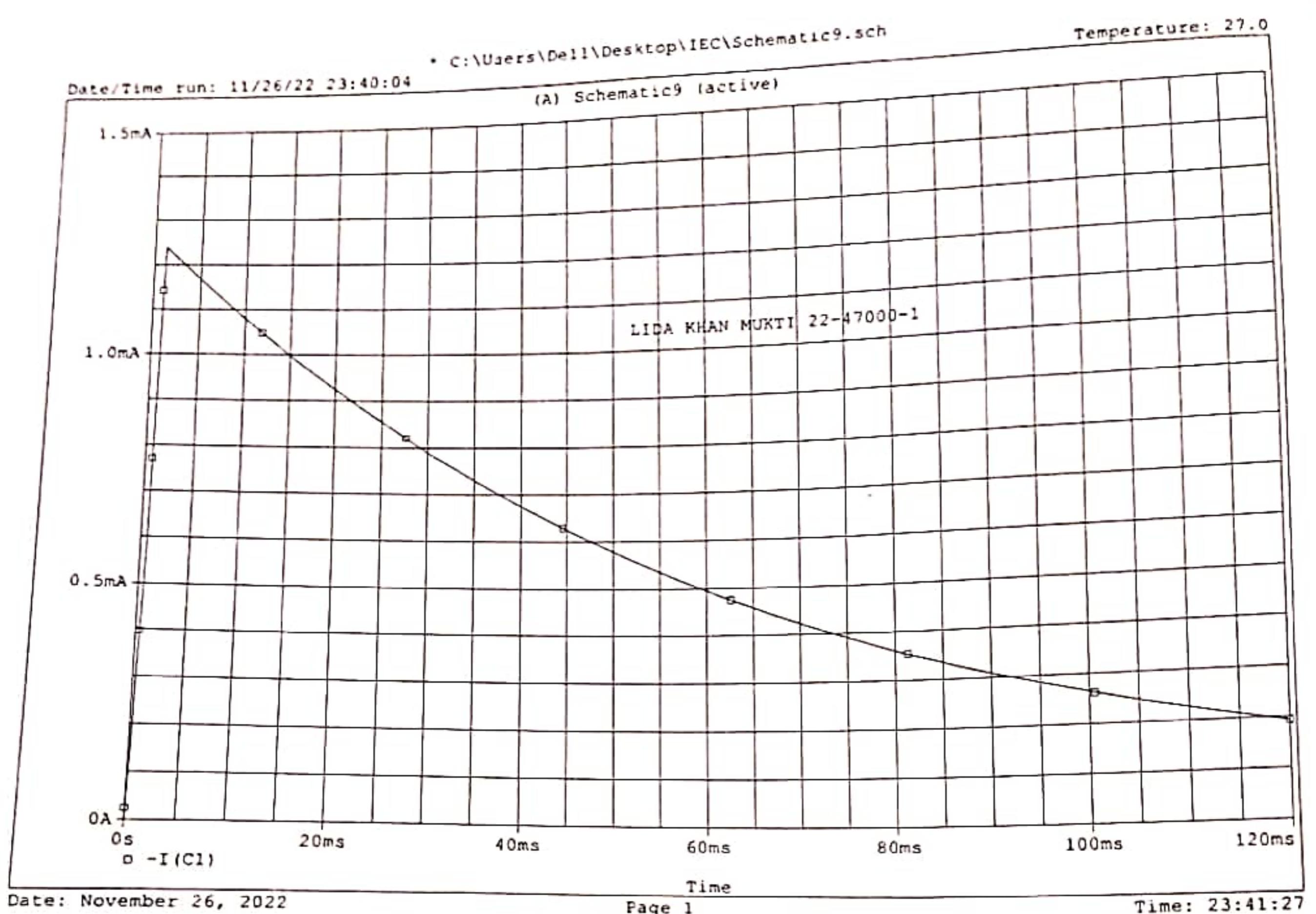
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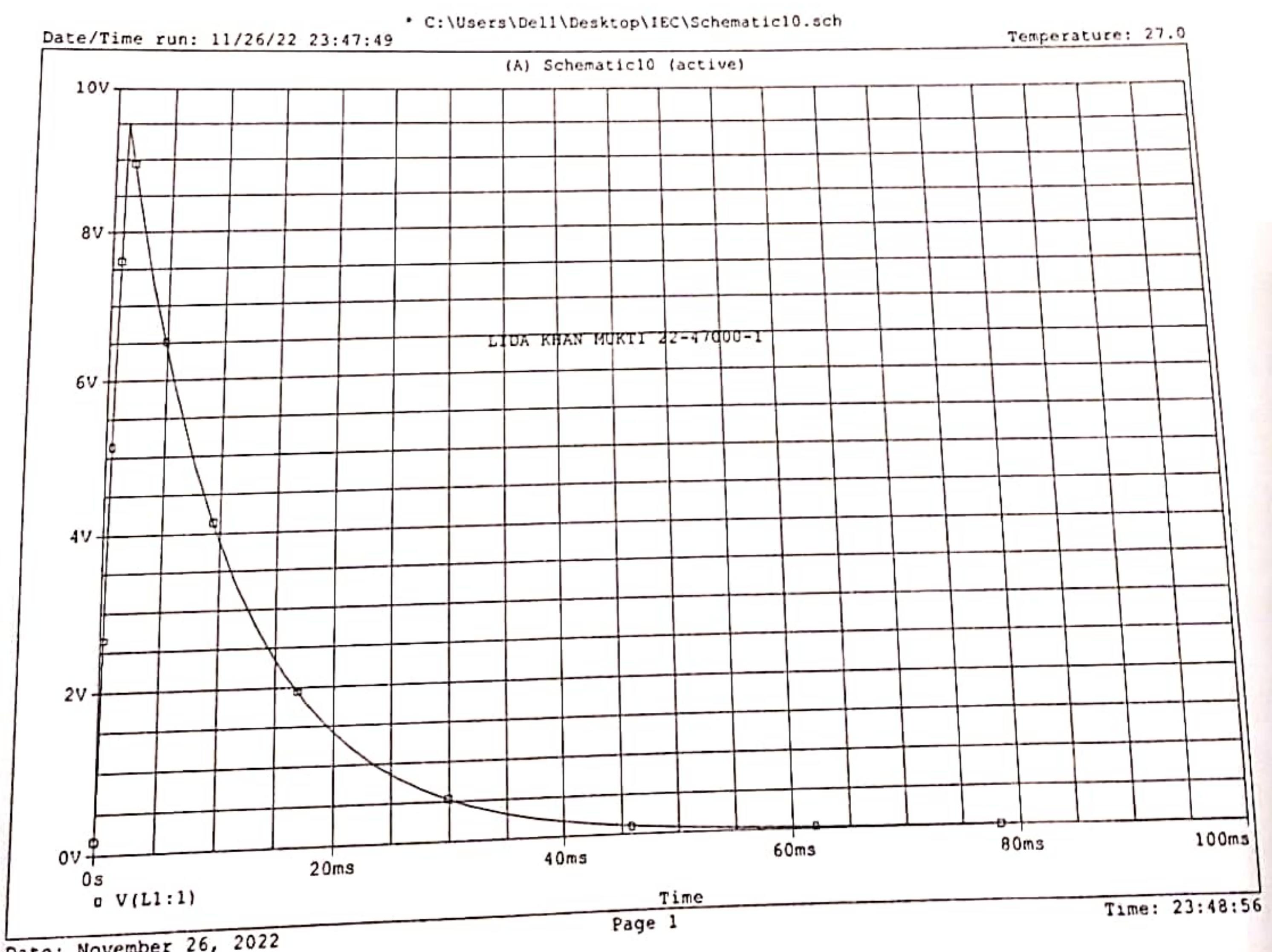
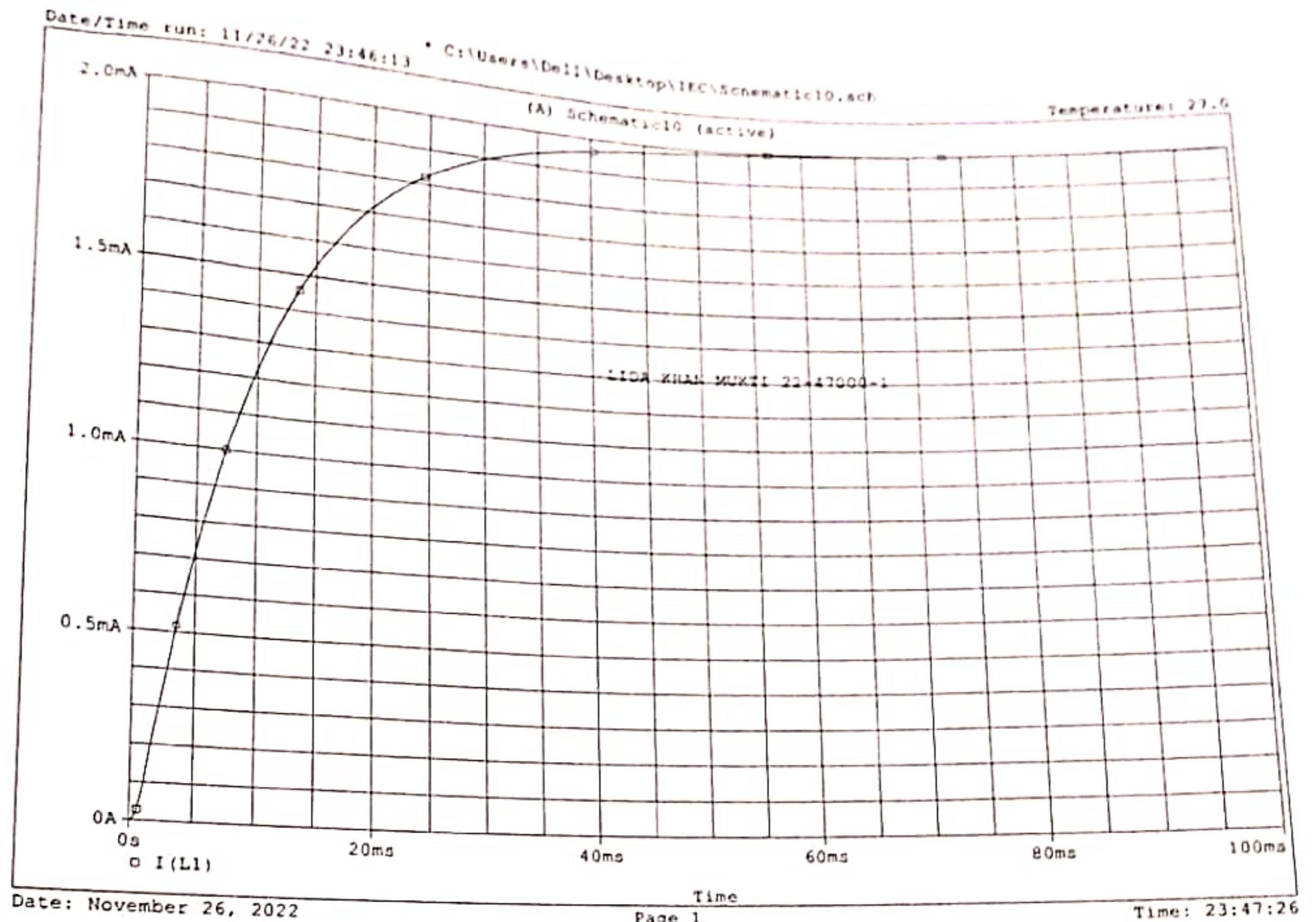
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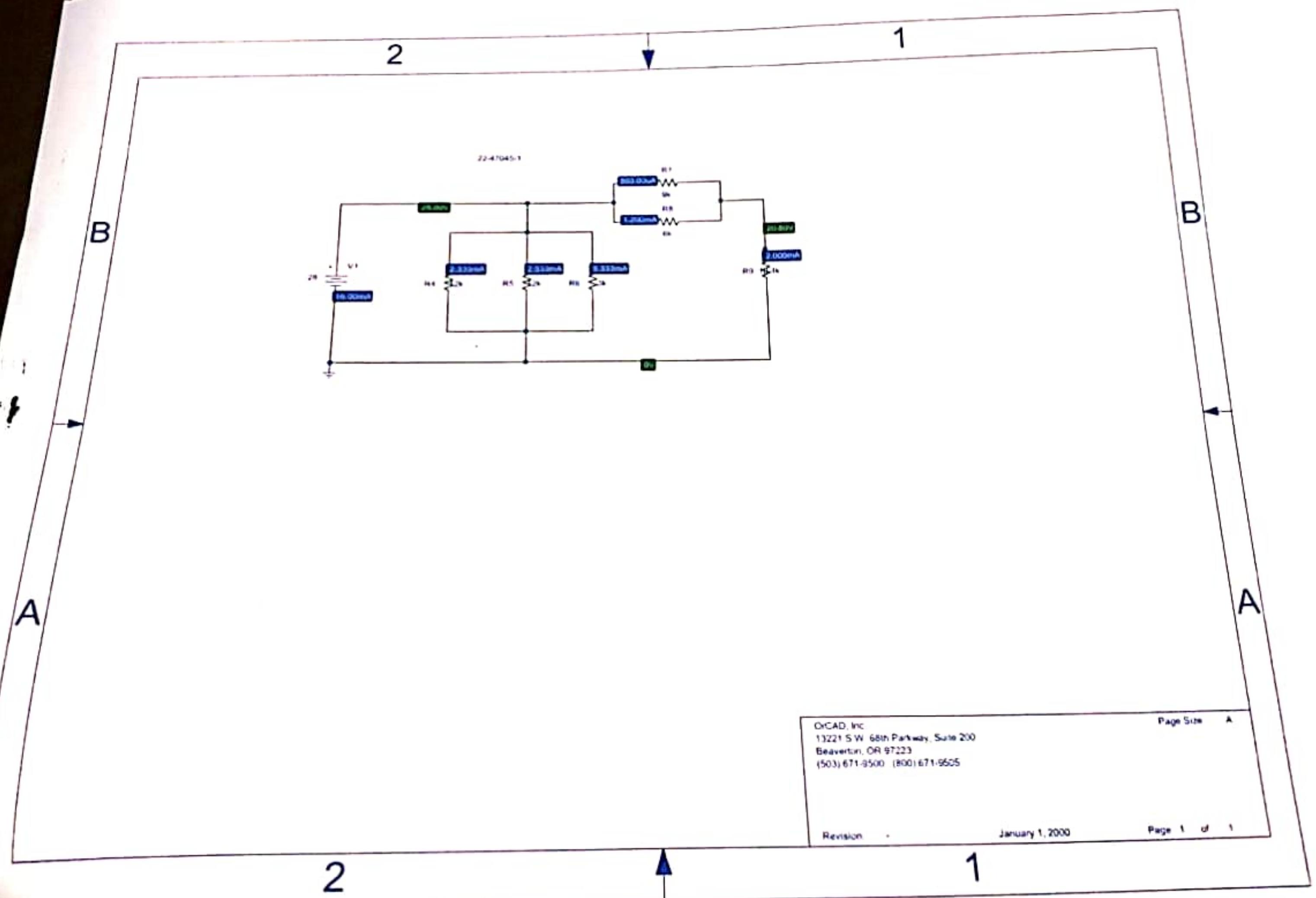
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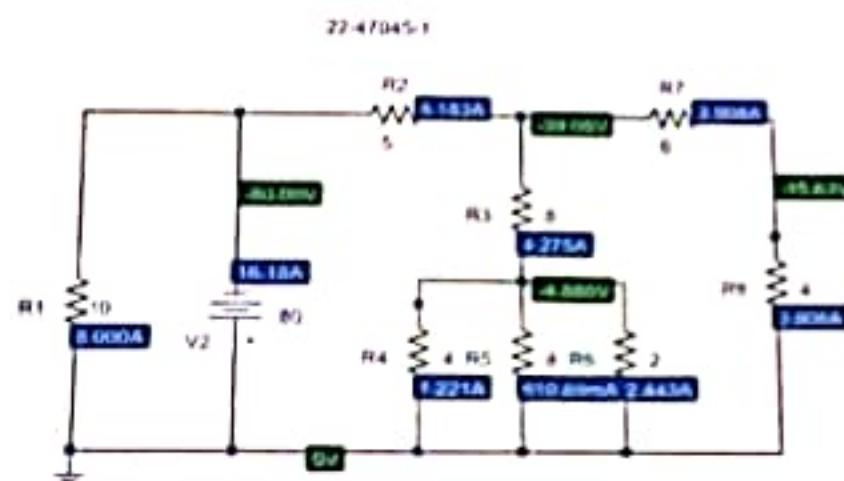
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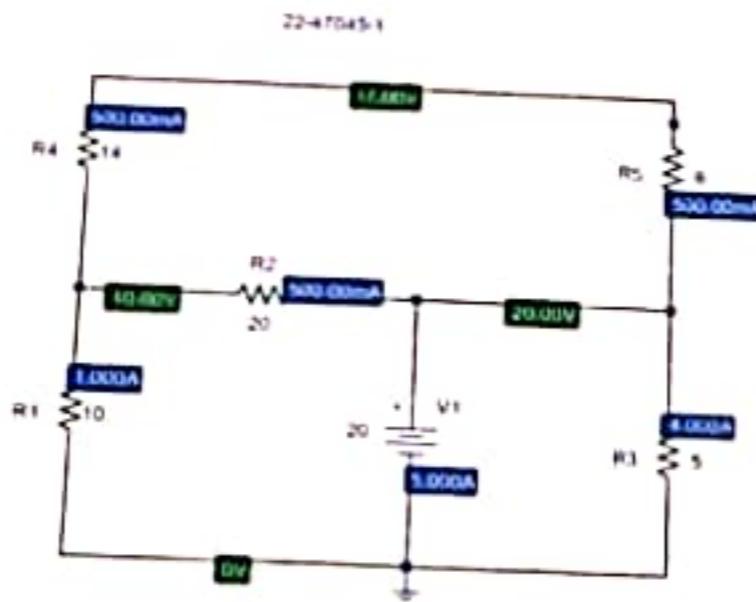
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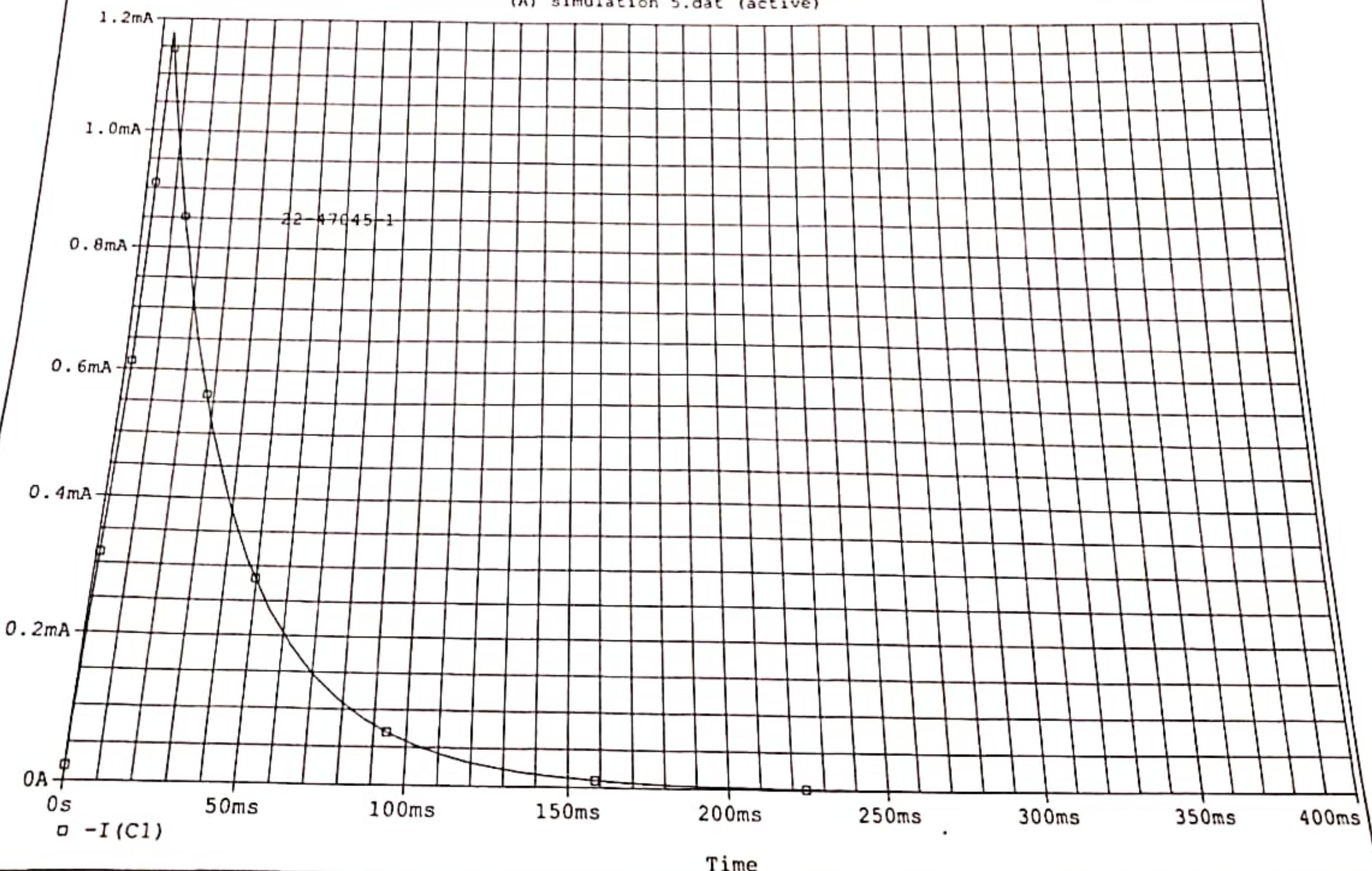
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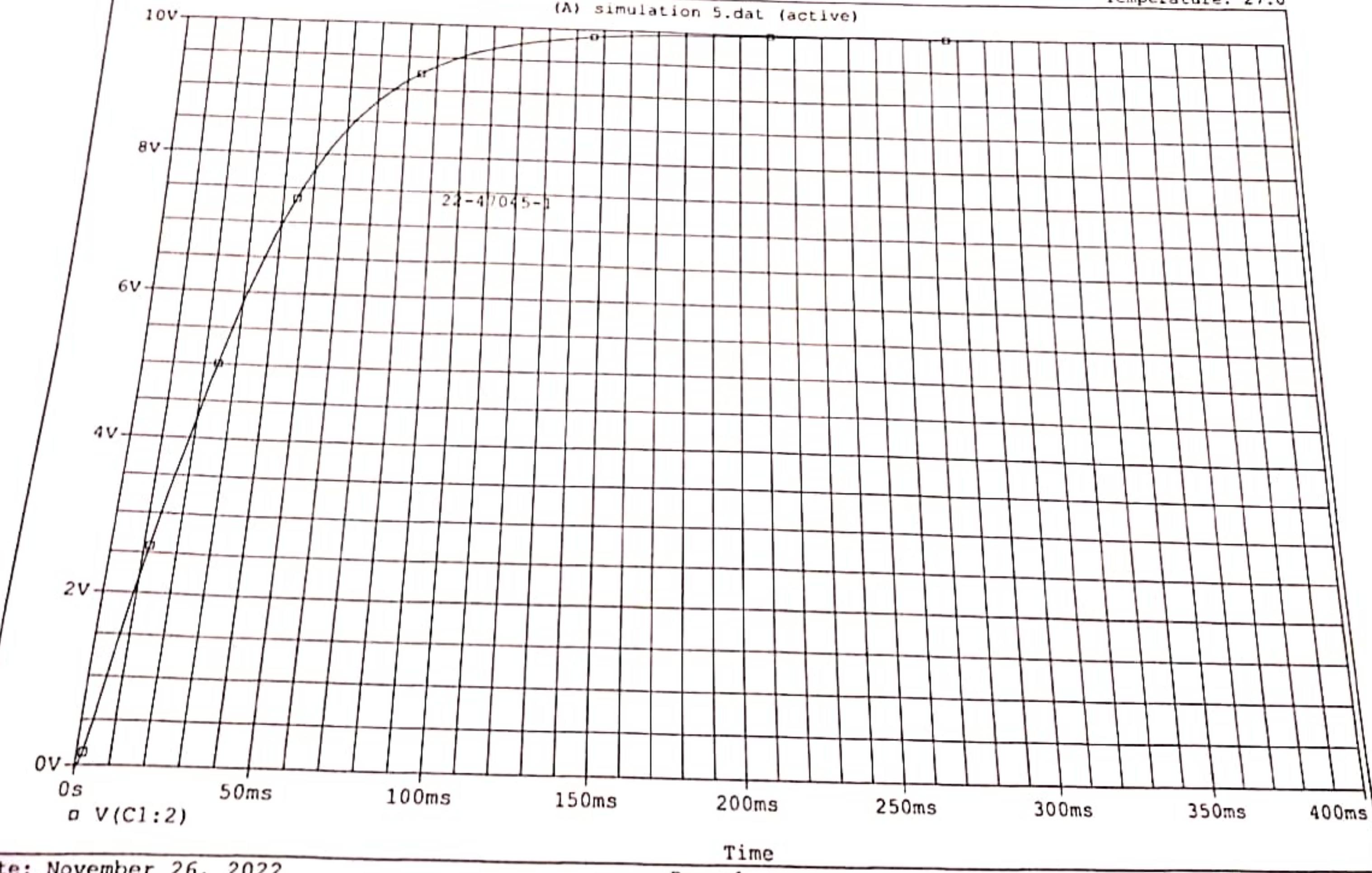
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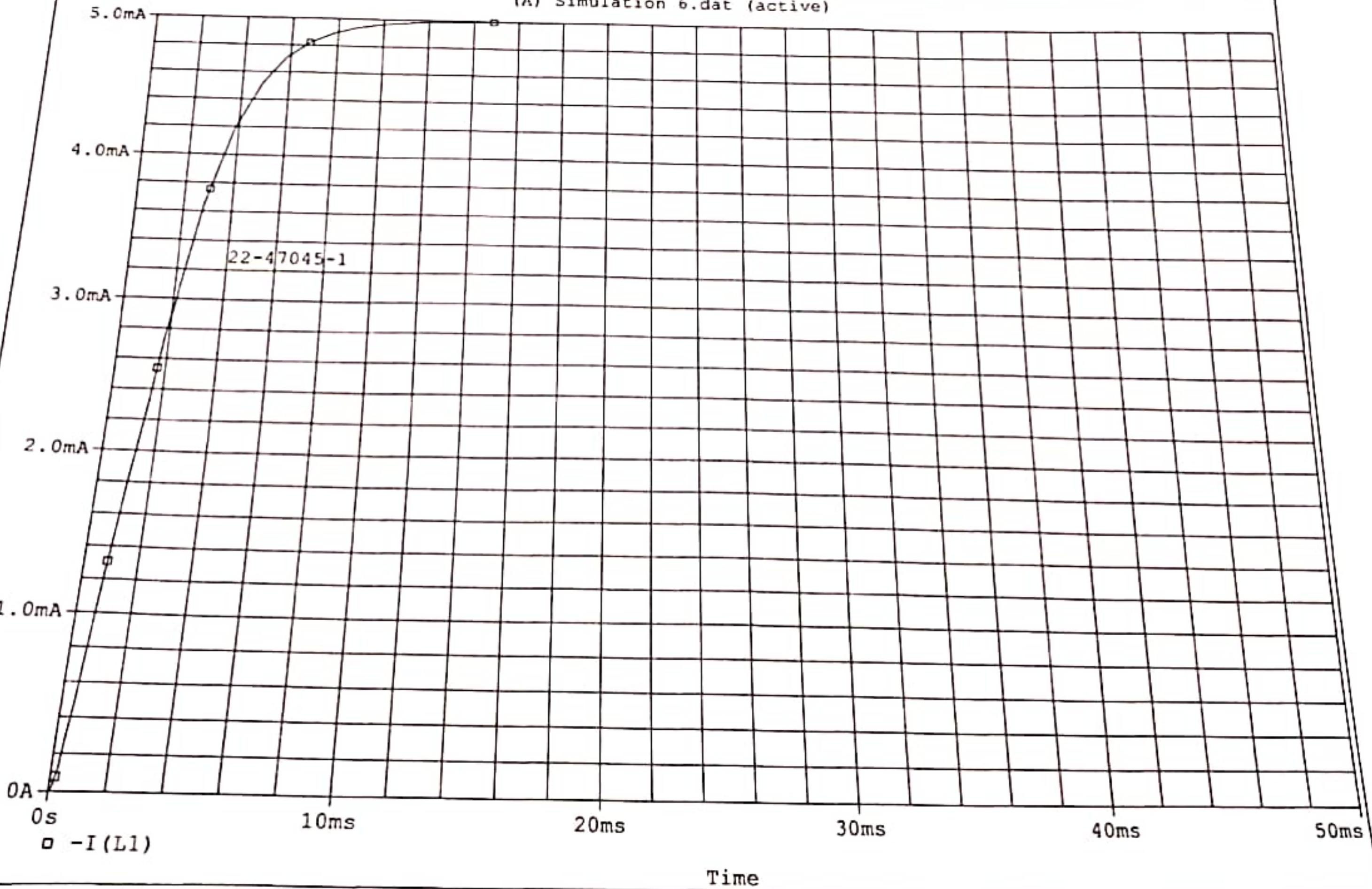
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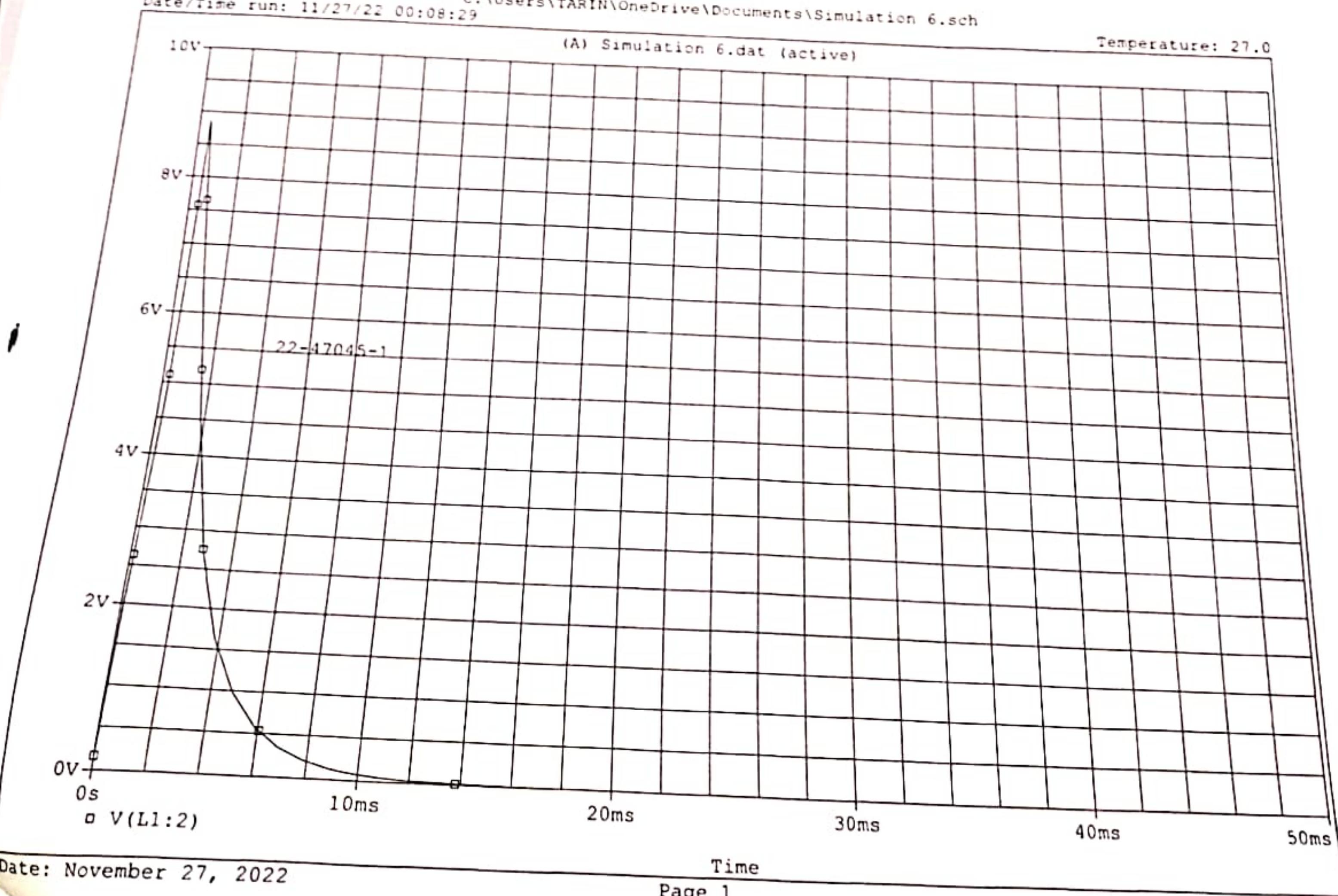
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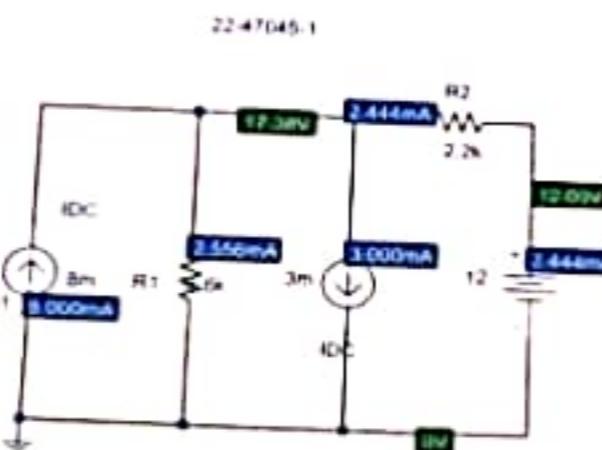
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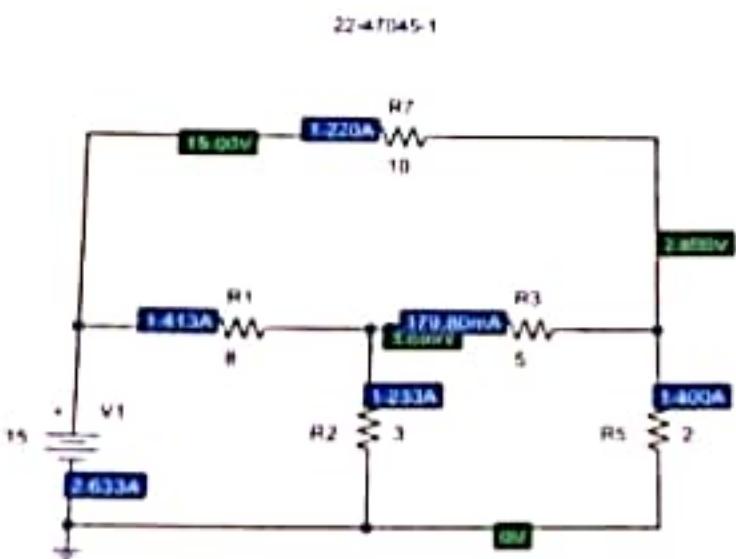
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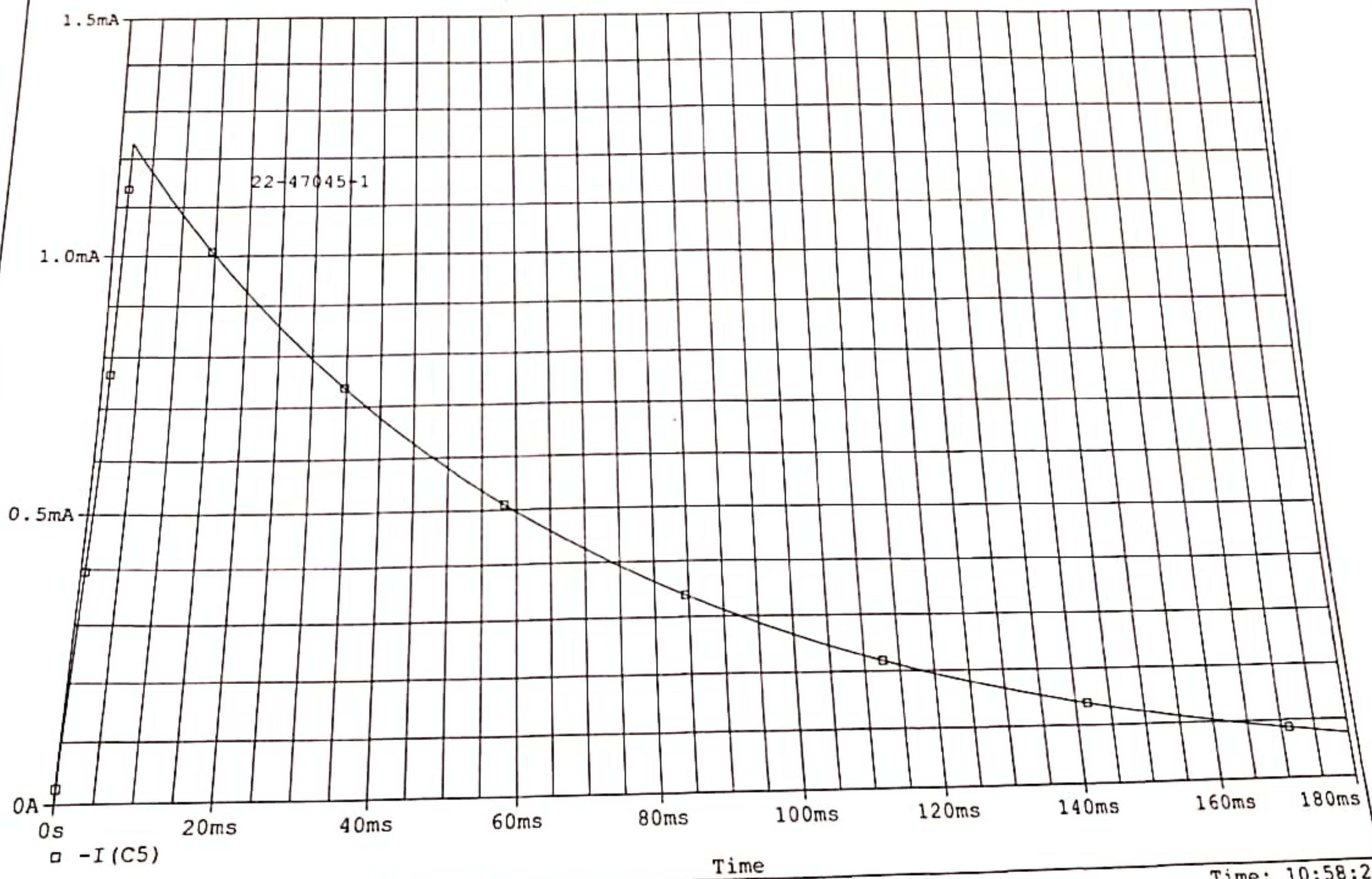
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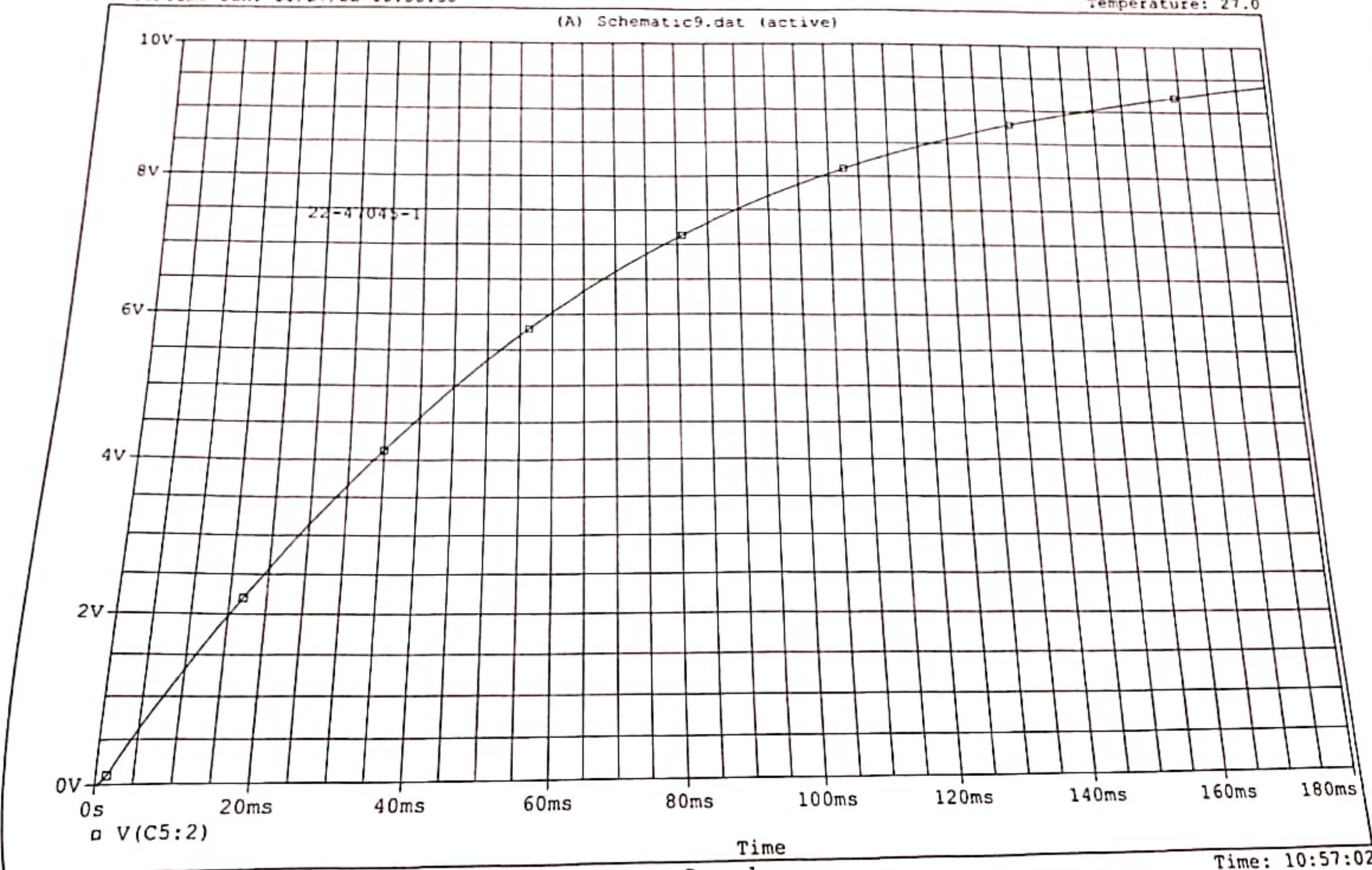
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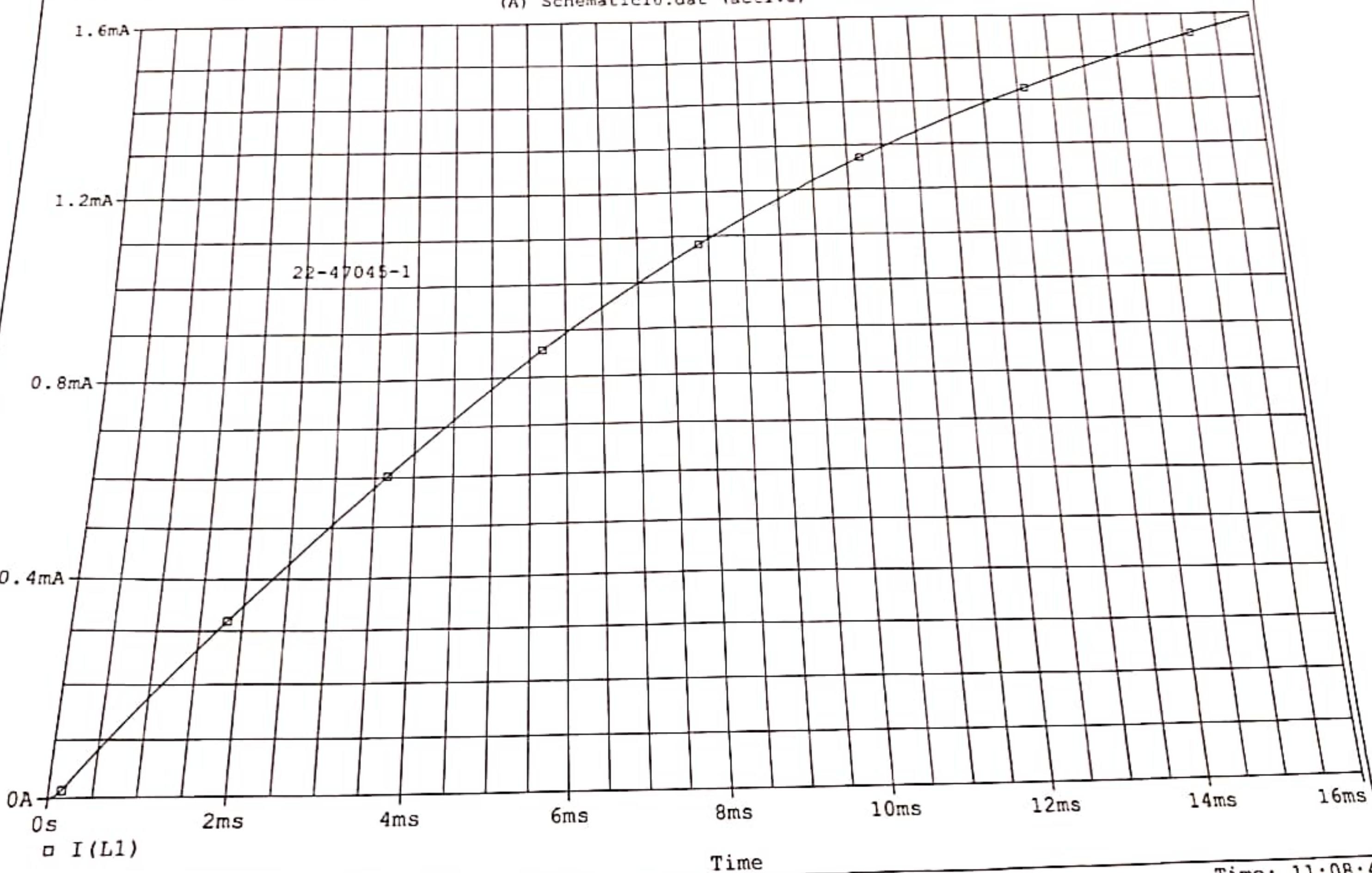


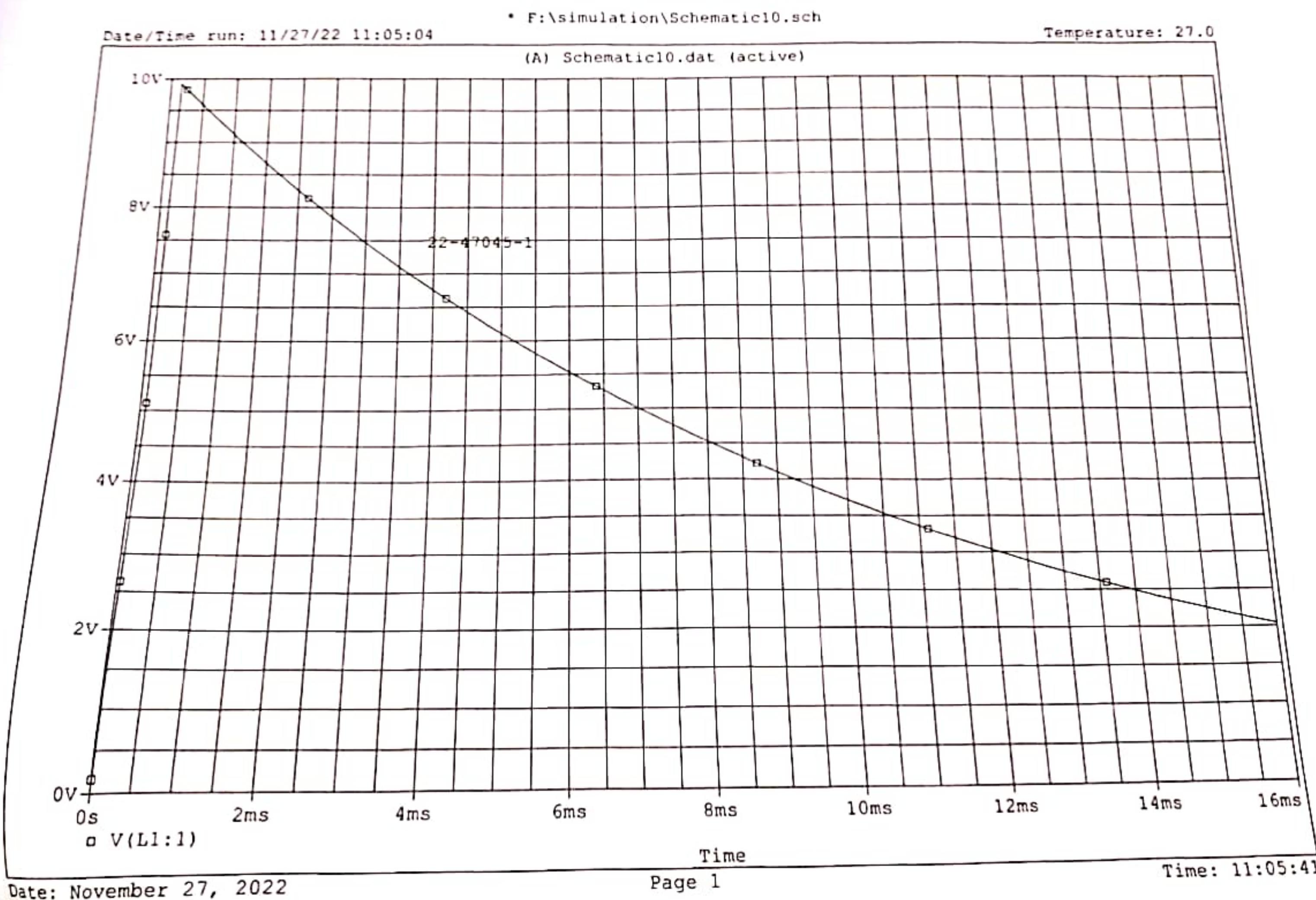
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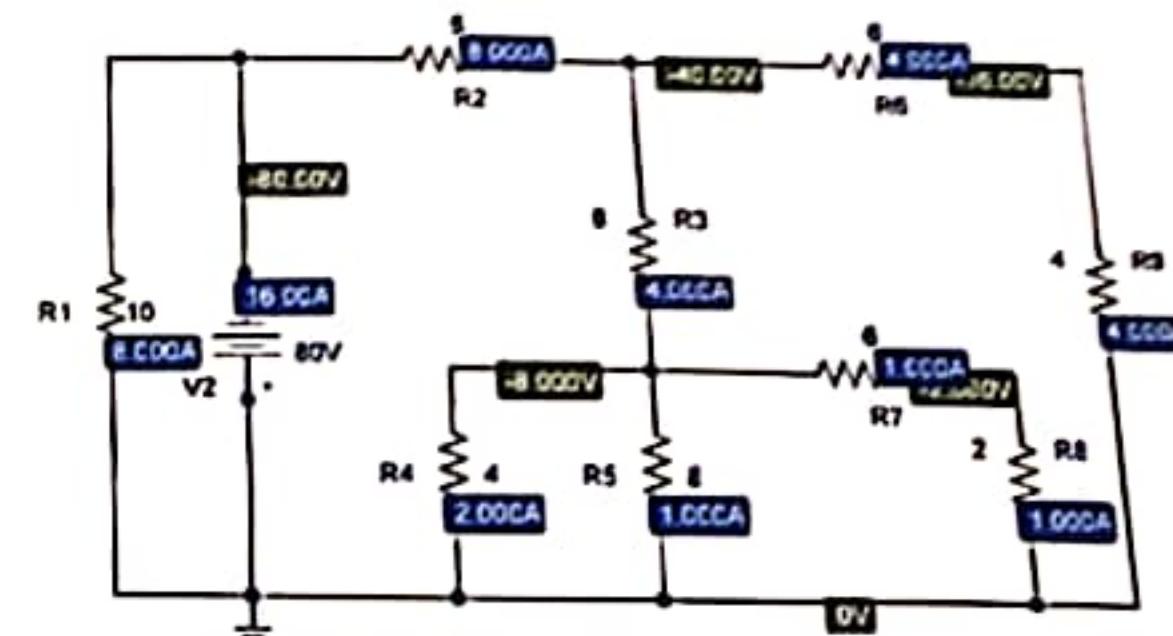
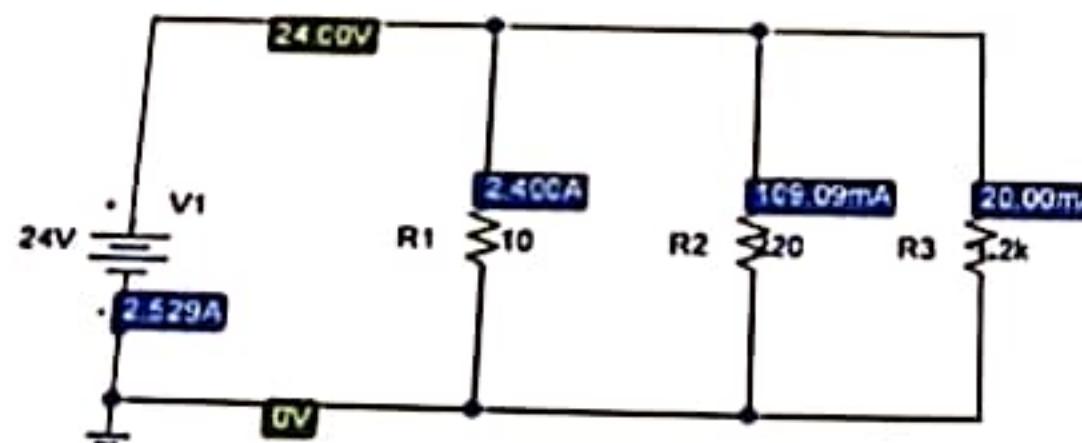
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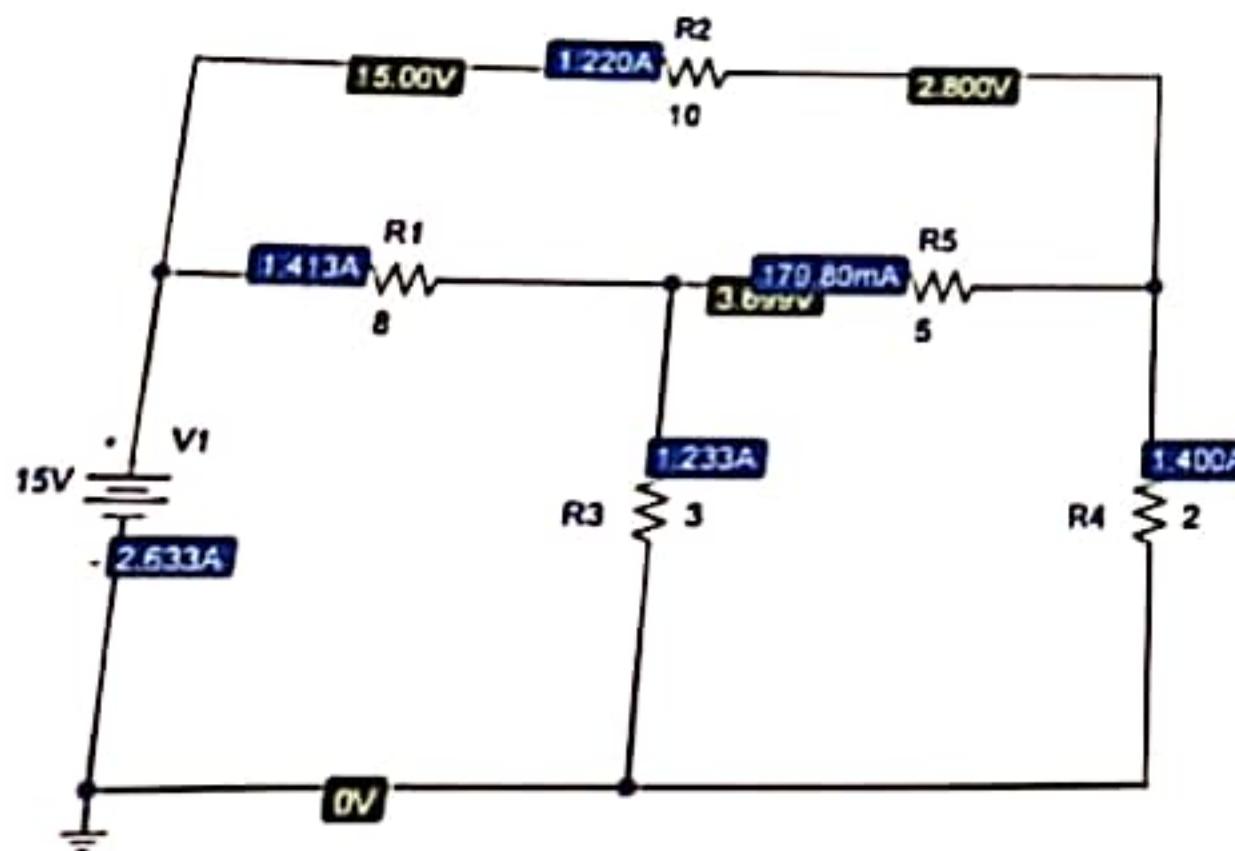


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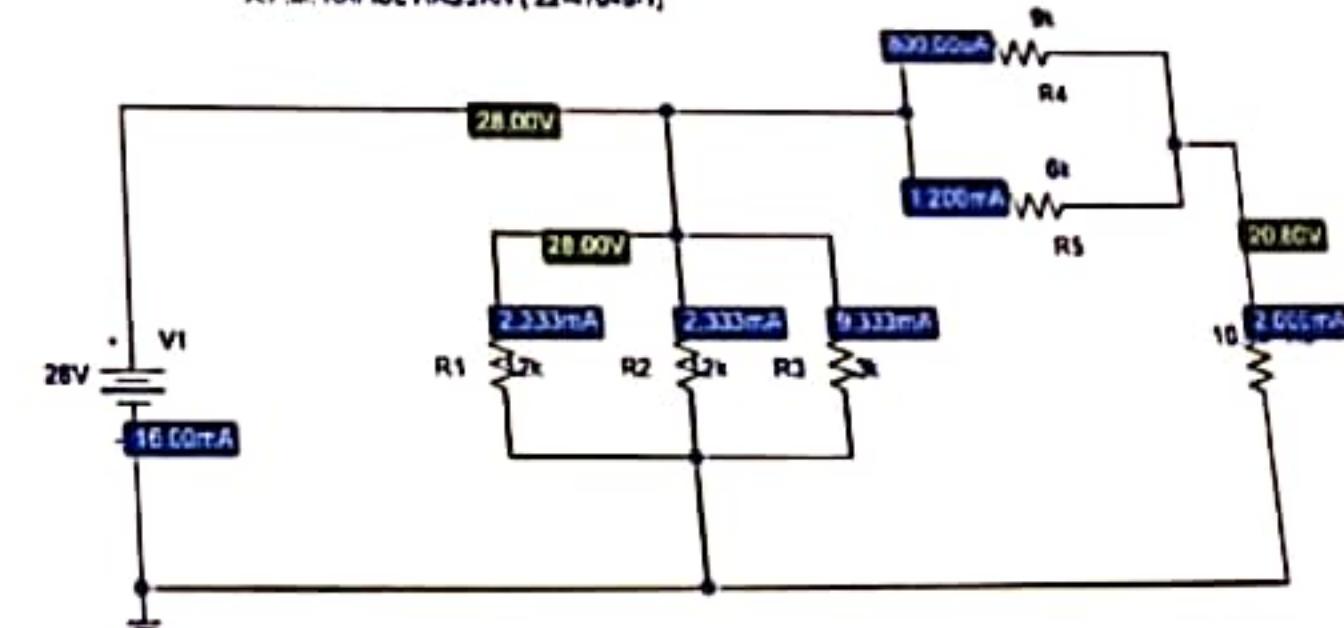
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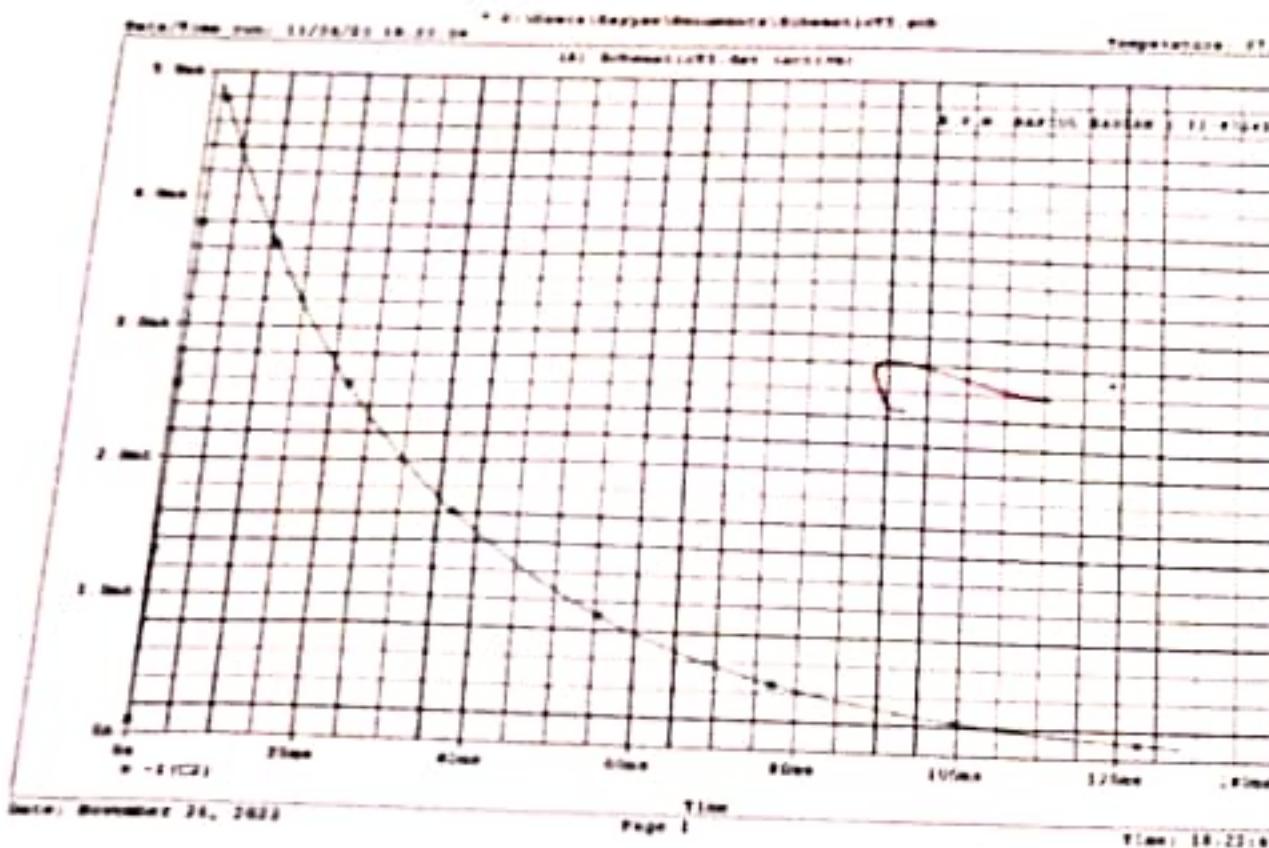


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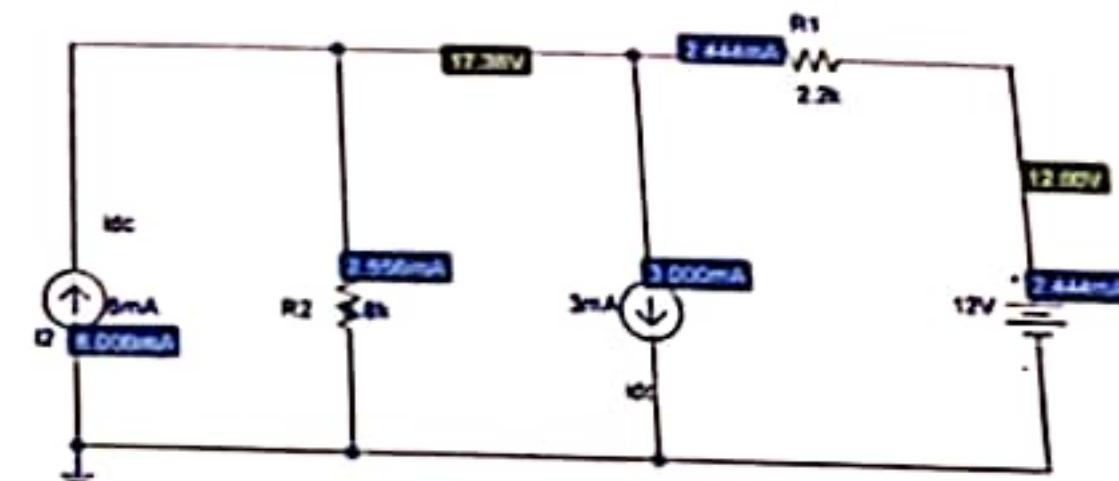


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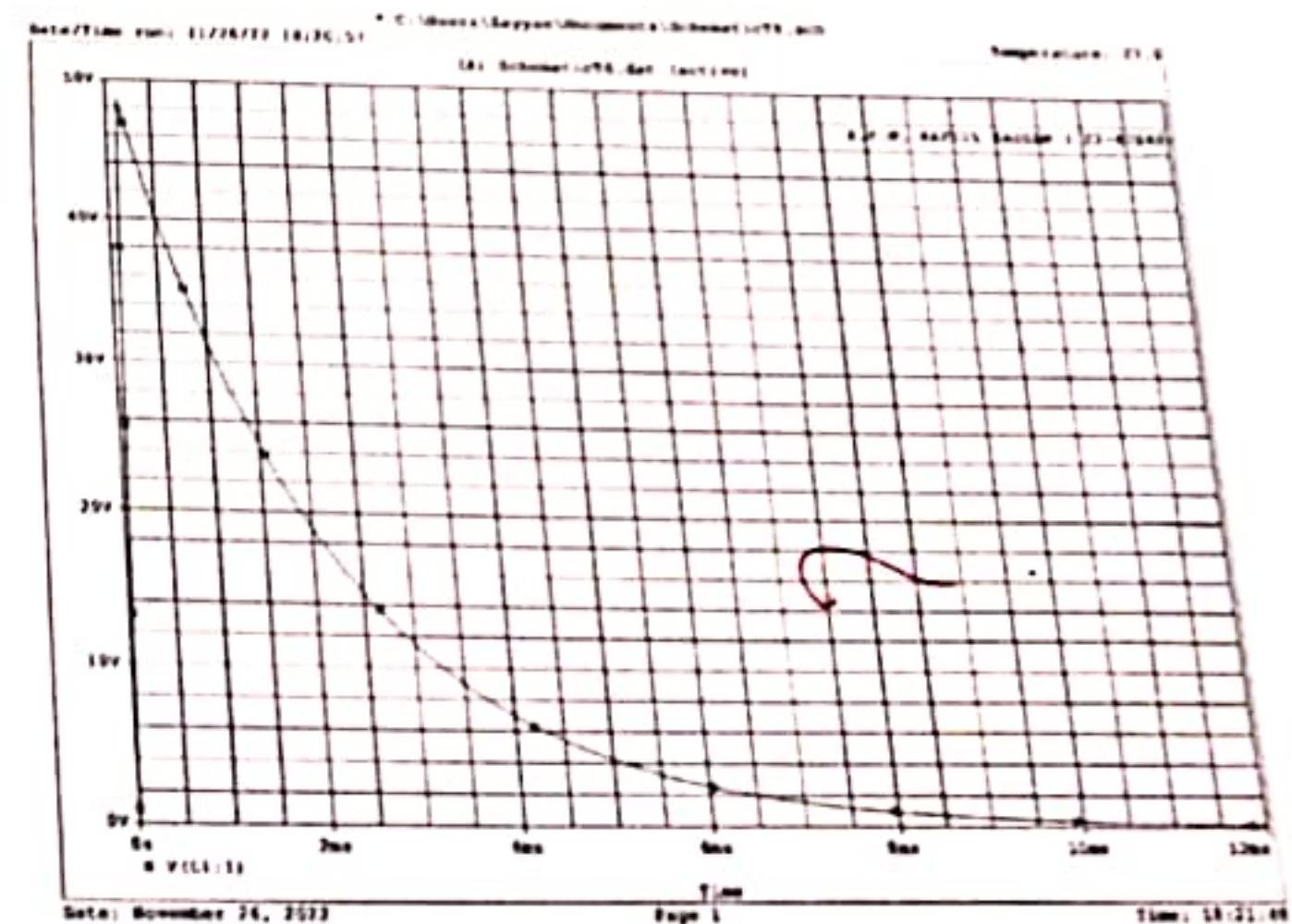
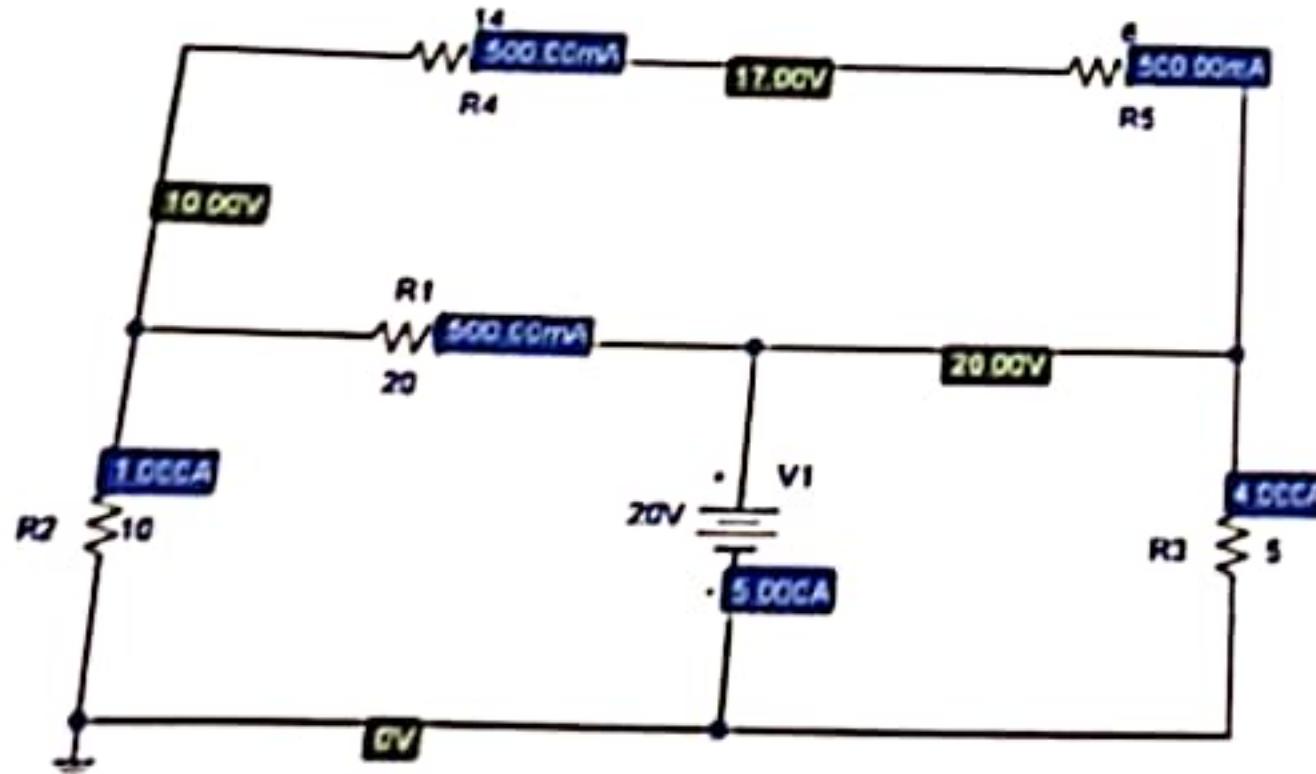


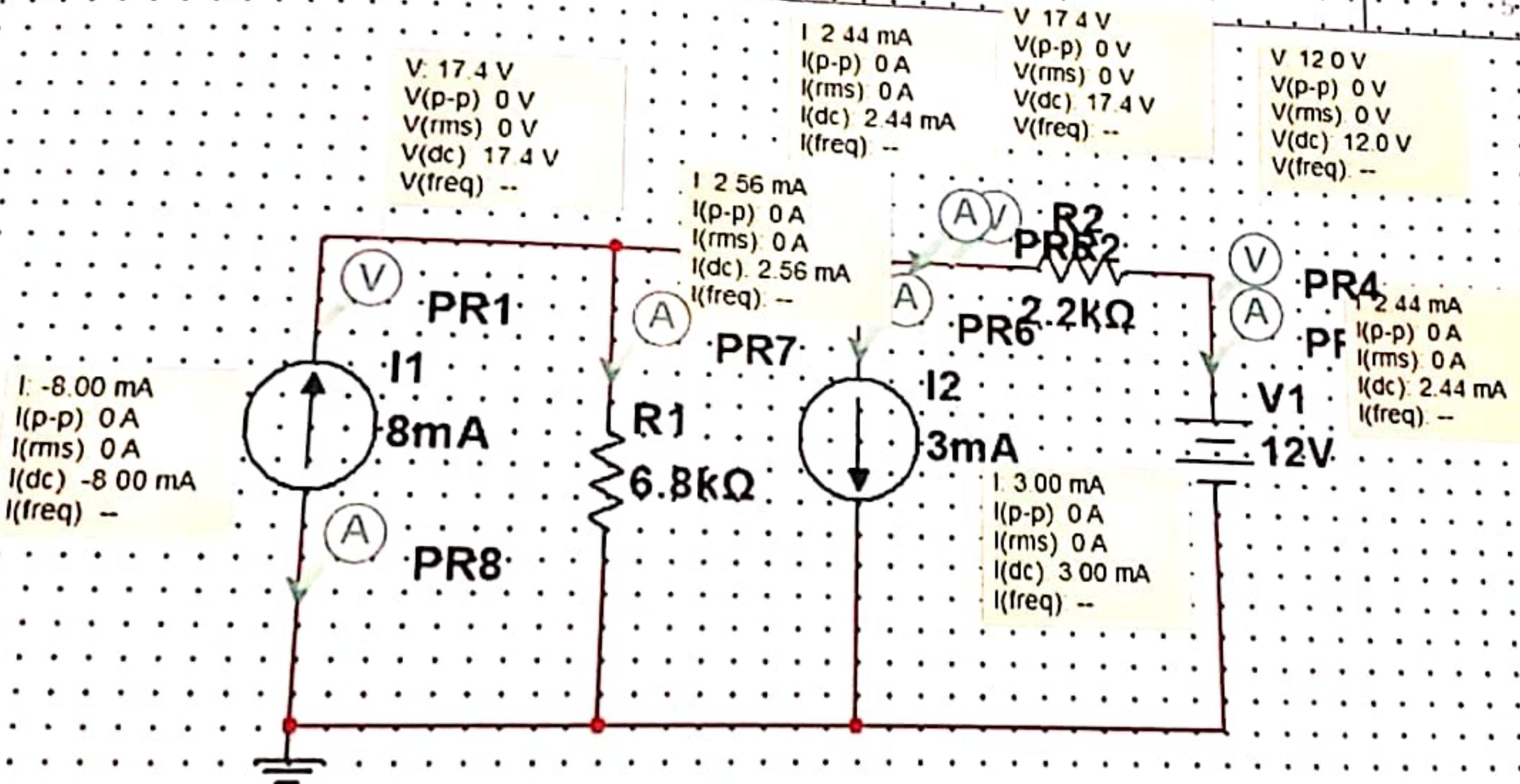


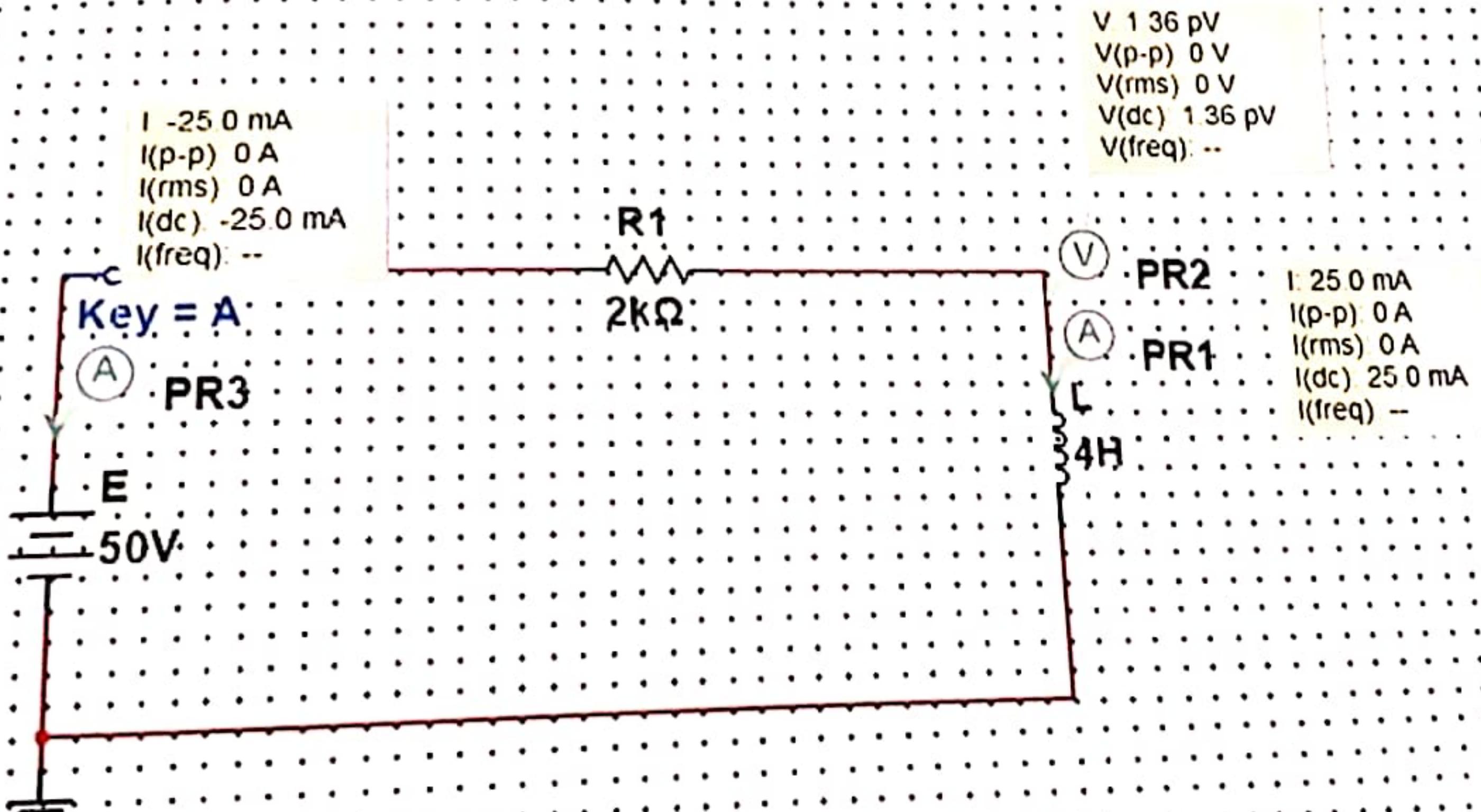
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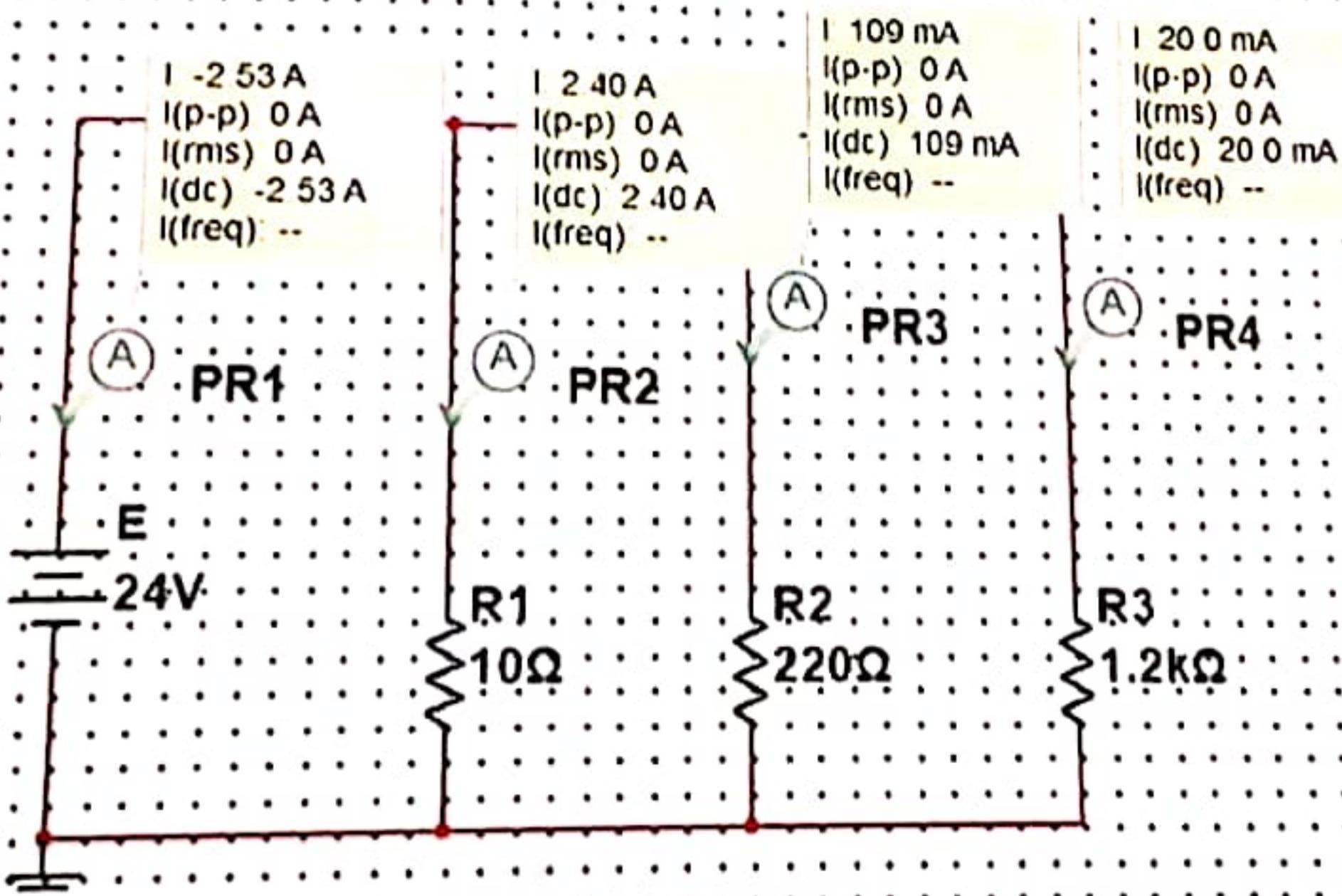


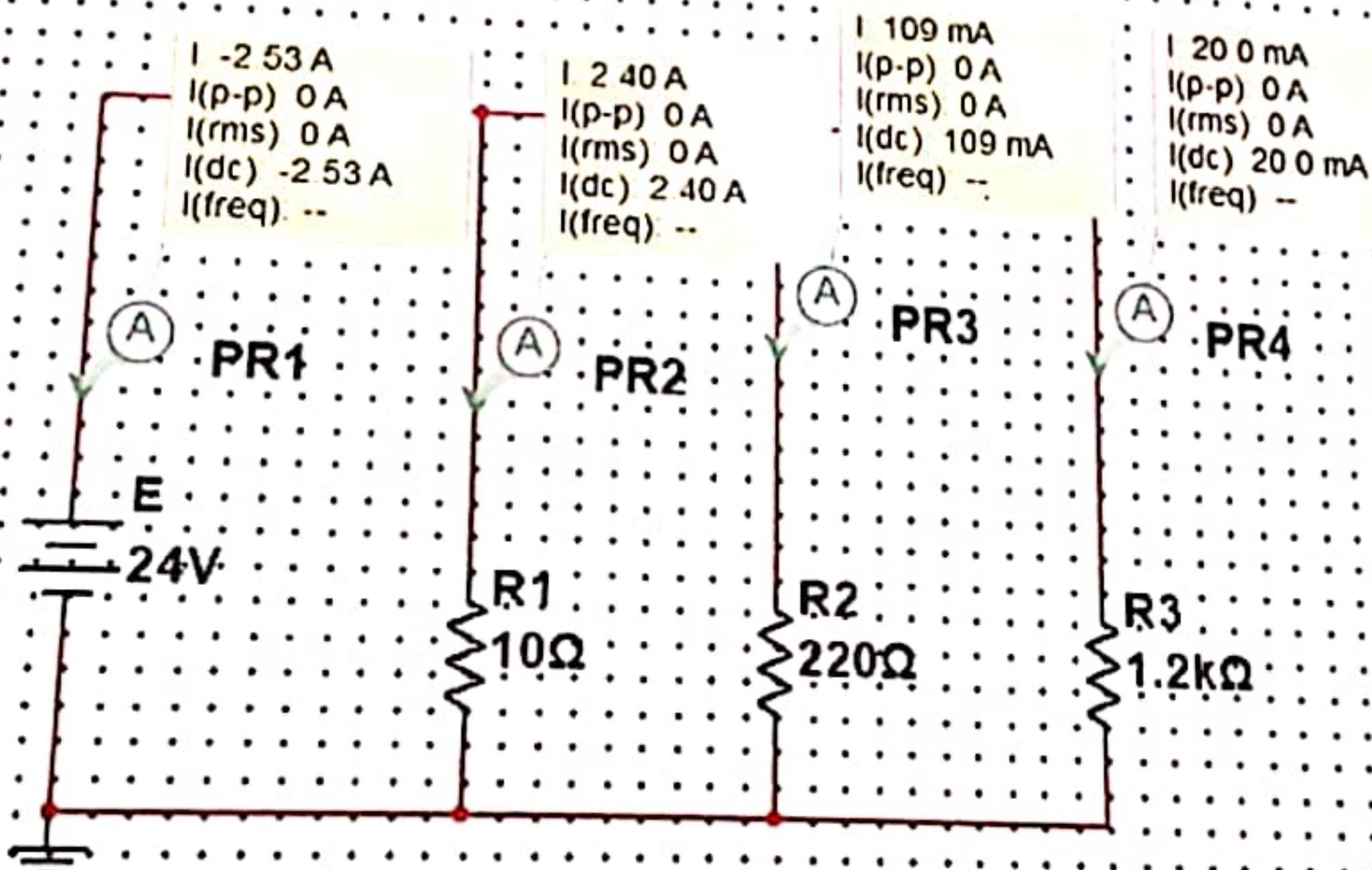
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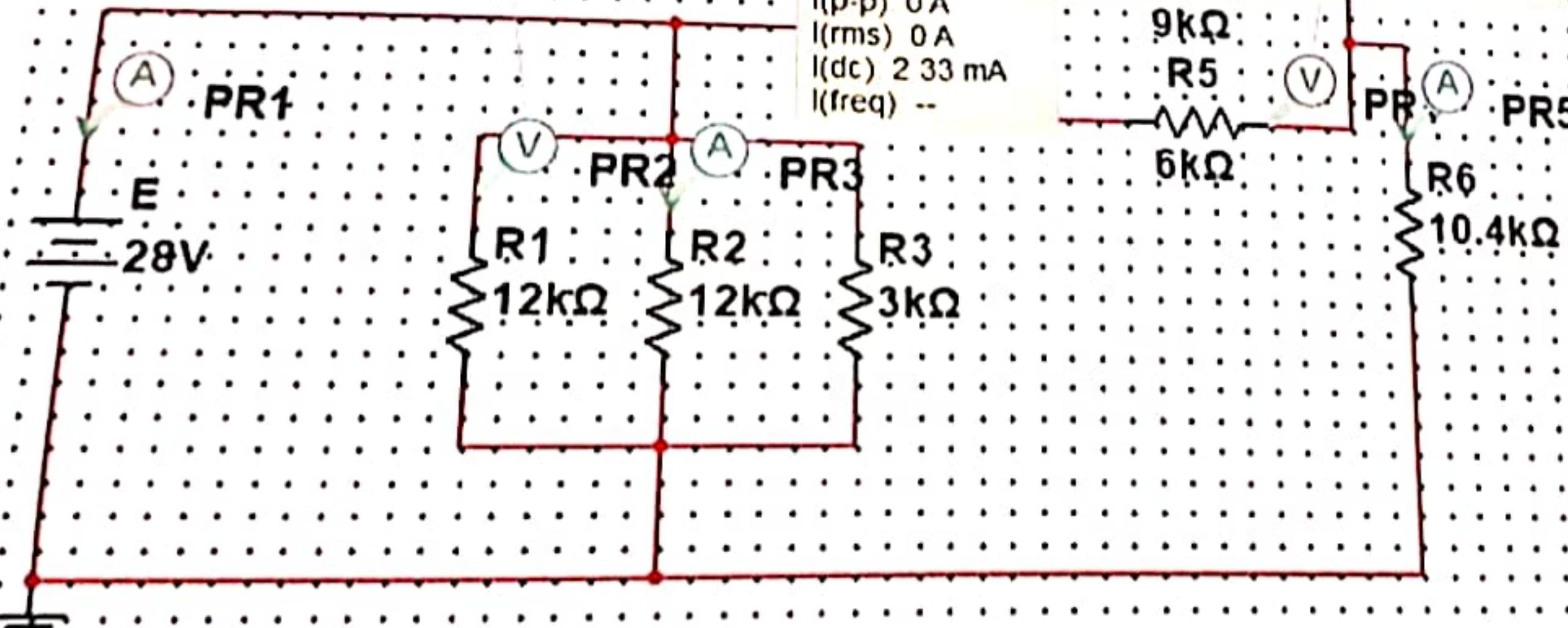


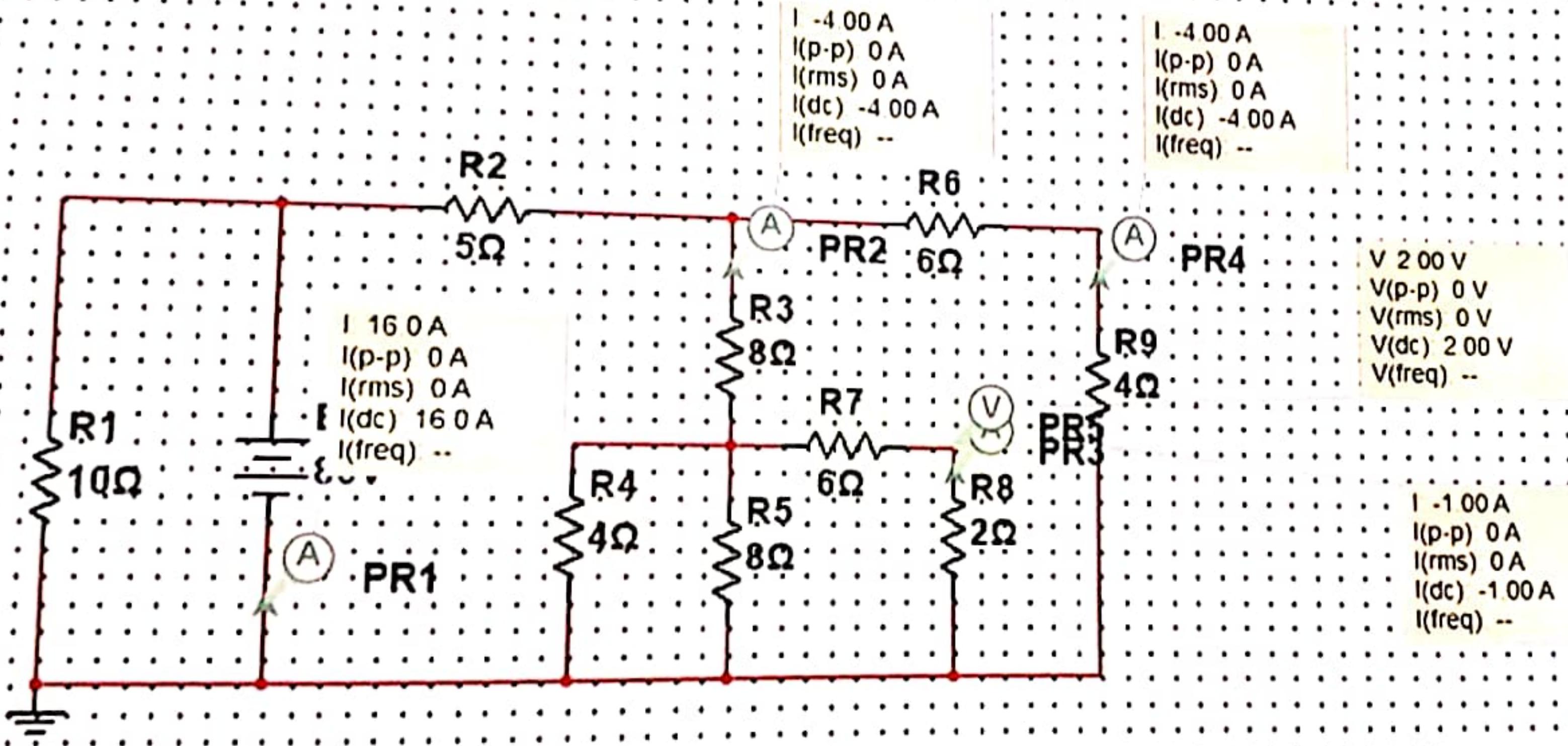


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I(rms) 0 A
I(dc) -16.0 mA
I(freq) --

V 28.0 V
V(p-p) 0 V
V(mis) 0 V
V(dc) 28.0 V
V(freq) --

2.33 mA
(p-p) 0 A
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(freq) --

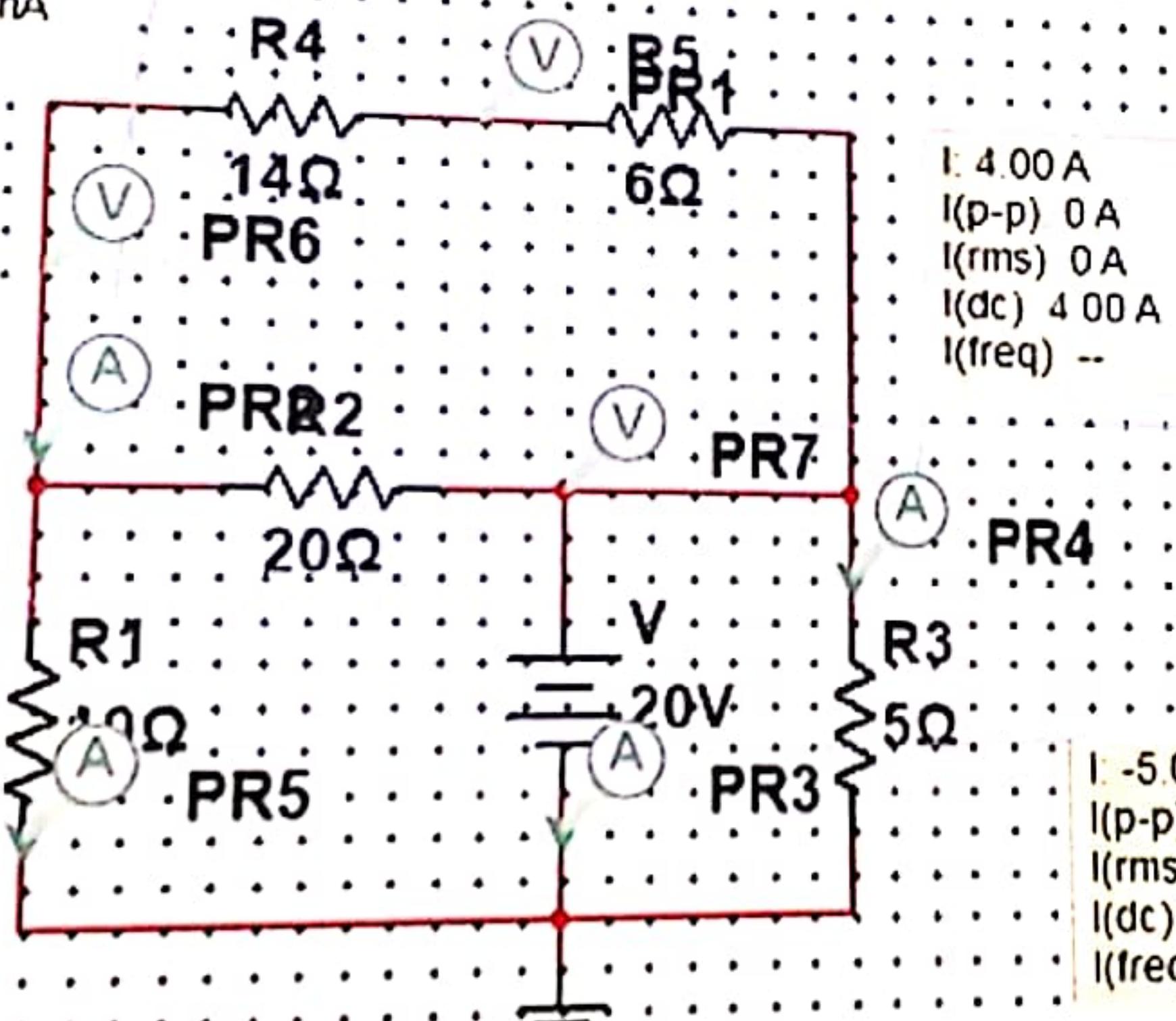




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V 10.0 V
V(p-p) 0 V
V(rms) 0 V
V(dc) 10.0 V
V(freq) --
I 500 mA
I(p-p) 0 A
I(rms) 0 A
I(dc) 500 mA
I(freq) --

V 17.0 V
V(p-p) 0 V
V(rms) 0 V
V(dc) 17.0 V
V(freq) --



I 100 A
I(p-p) 0 A
I(rms) 0 A
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I(freq) --

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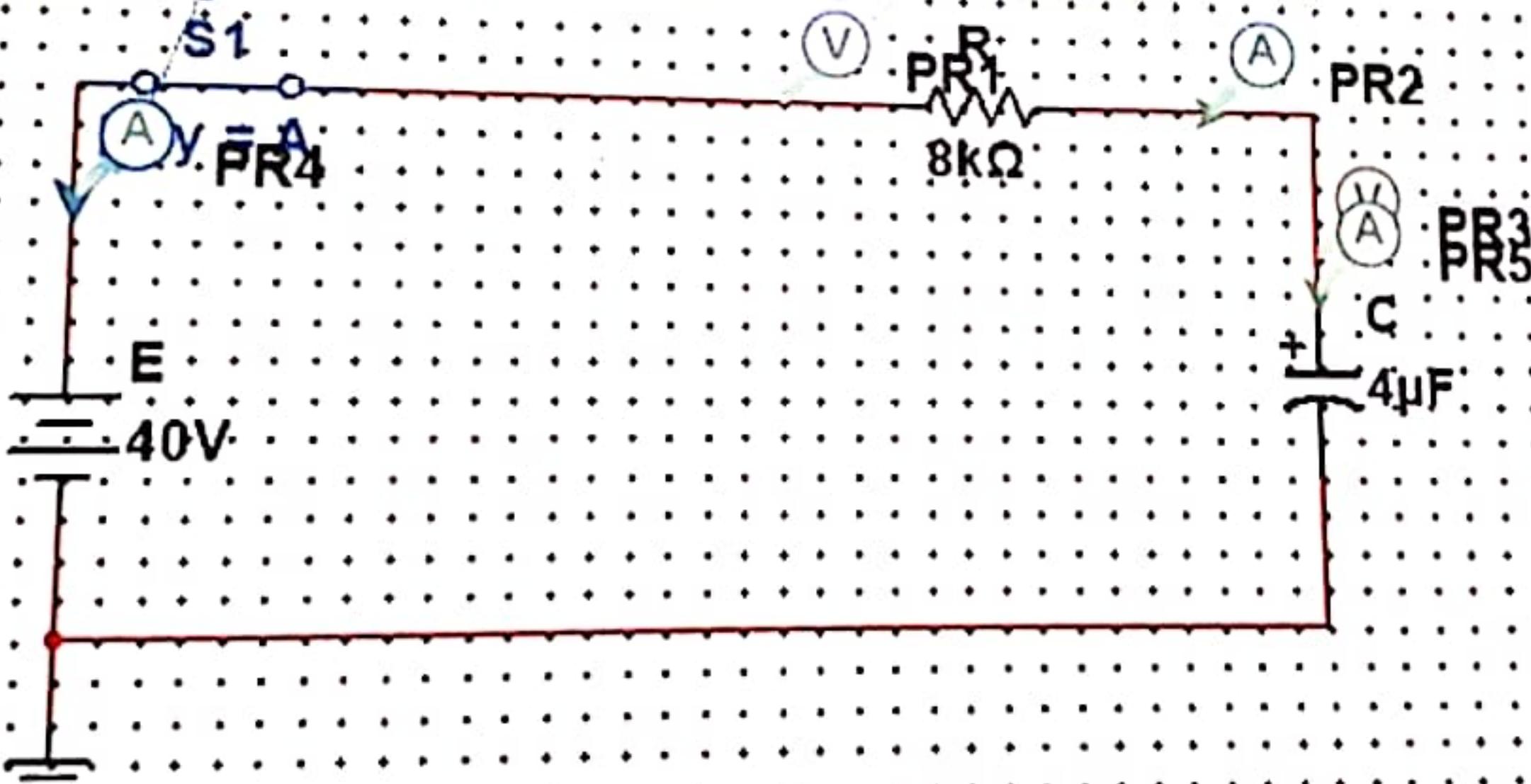
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I(dc) -5.00 A
I(freq) --

I: 0 A
I(p-p): 0 A
I(rms): 0 A
I(dc): 0 A
I(freq) --

V: 40.0 V
V(p-p): 0 V
V(rms): 0 V
V(dc): 40.0 V
V(freq): --

I: 40.0 pA
I(p-p): 0 A
I(rms): 0 A
I(dc): 40.0 pA
I(freq) --



V: 40.0 V
V(p-p): 0 V
V(rms): 0 V
V(dc): 40.0 V
V(freq): --

I: 0 A
I(p-p): 0 A
I(rms): 0 A
I(dc): 0 A
I(freq) --

