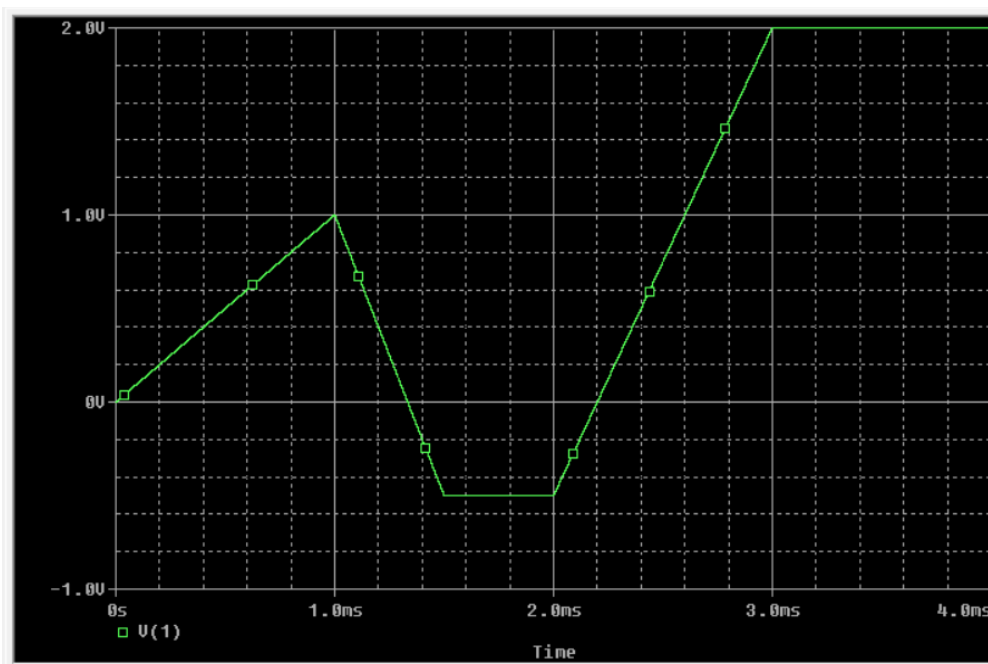


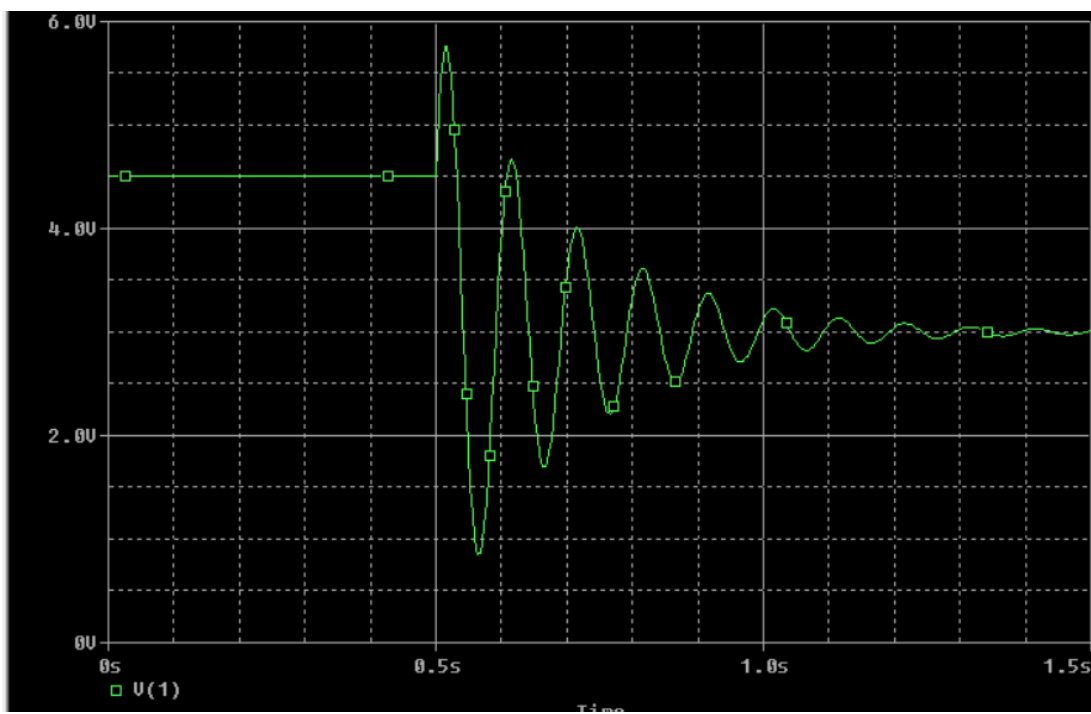
Olteanu Iulia

Laborator

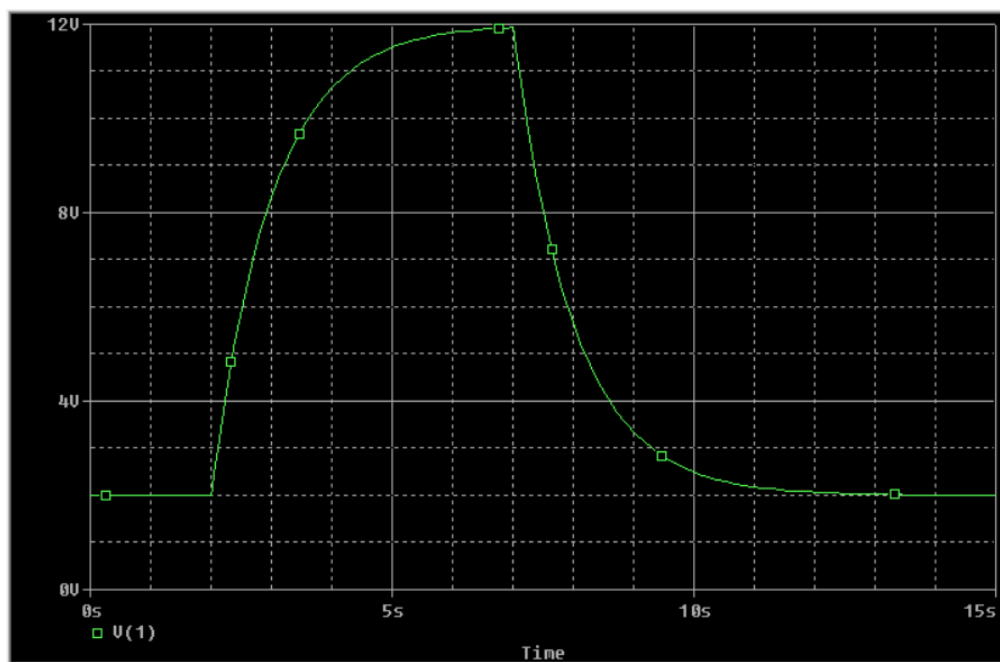
Sursa PWL



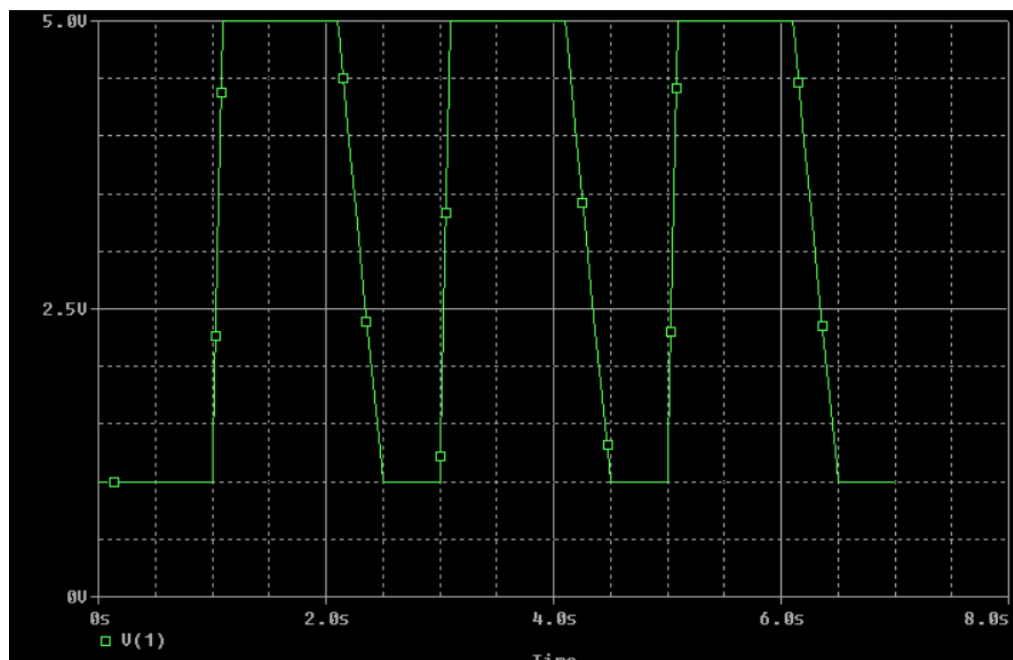
Sursa SIN



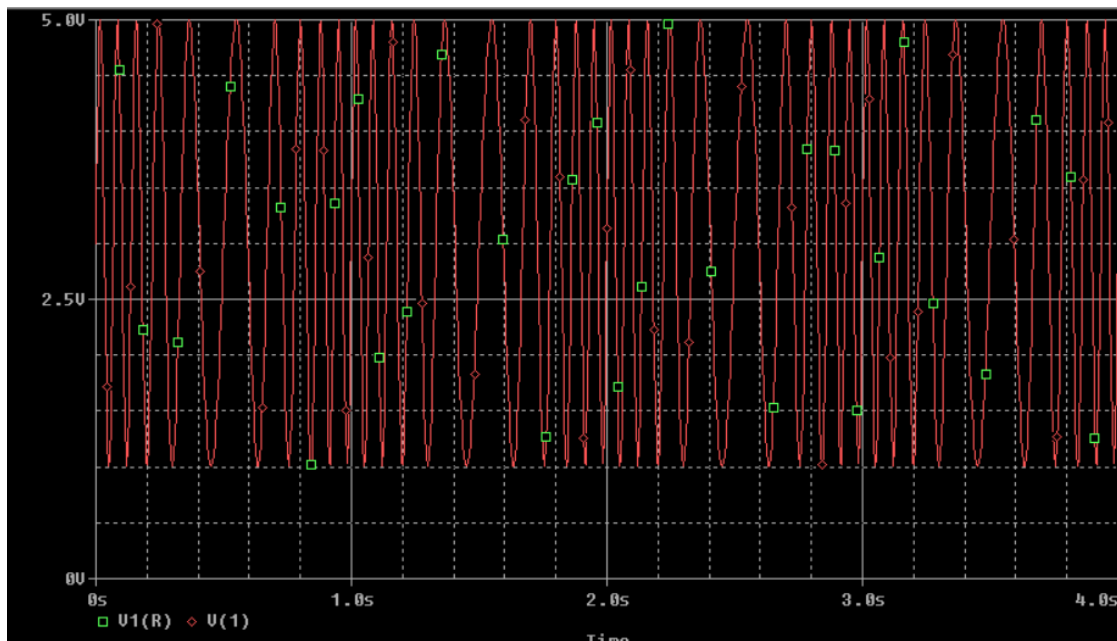
Sursa EXP



Sursa PULSE



Sursa SFFM



Probleme cu conditii initiale

```
v1 2 1 90
r1 1 0 5
r2 3 0 10
c 2 3 100u
l 3 0 62.5m
.dc lin v1 90 90 1
.print dc v(2,3) i(1)
.end
□
**** 04/29/21 12:42:19 ***** Evaluation PSpice (Nov 1999) *****

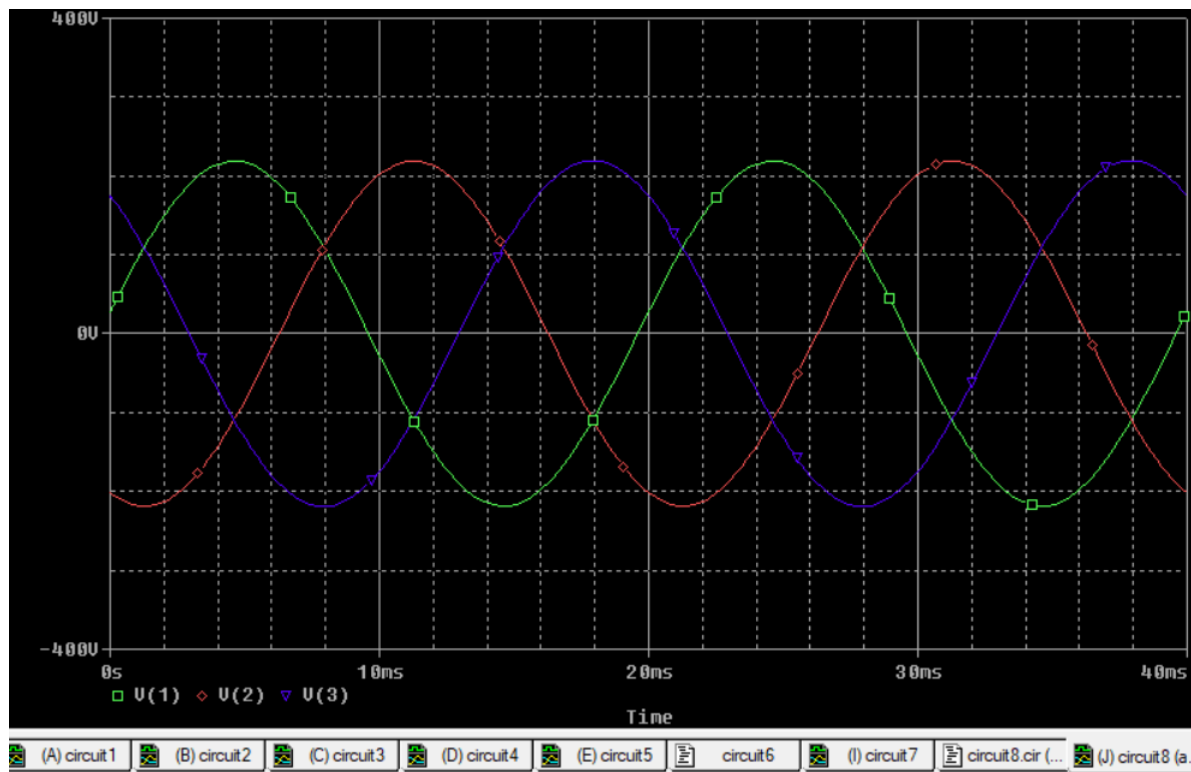
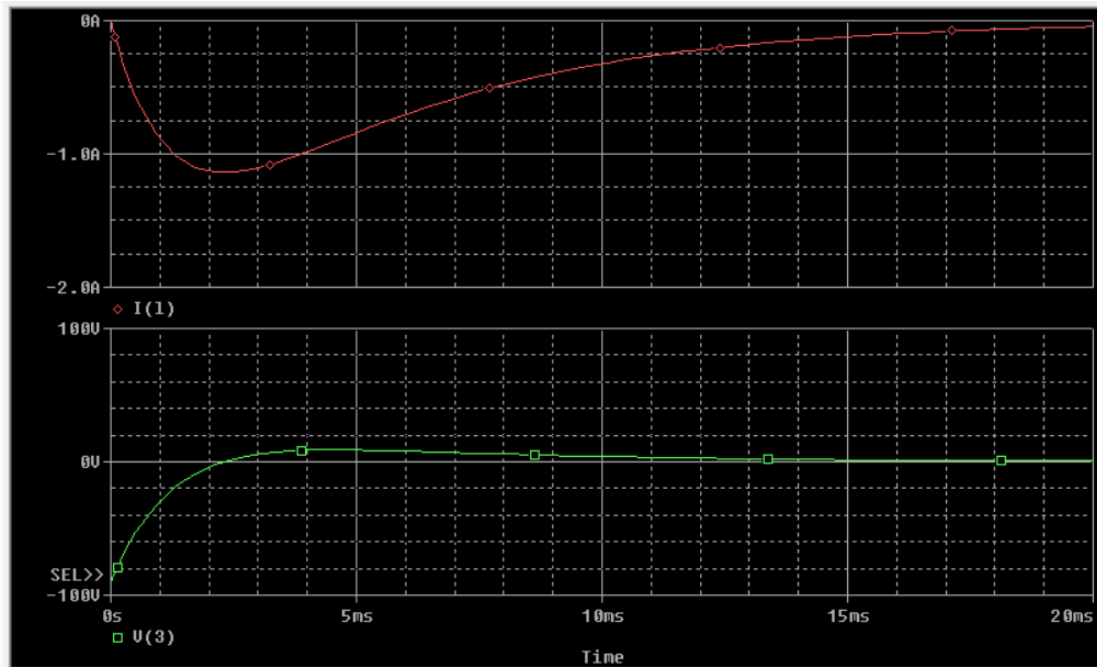
Aflarea conditiilor initiale

****      DC TRANSFER CURVES          TEMPERATURE =  27.000 DEG C

*****

v1      V(2,3)      I(1)
9.000E+01  9.000E+01  0.000E+00

JOB CONCLUDED
TOTAL JOB TIME      0.00
□
```



```

Vin 1 0 AC 1V
R1 1 2 10
L1 2 0 10mH
.AC LIN 1 100Hz 100Hz
.print ac I(R1) IP(R1)
.end
□
**** 04/29/21 12:59:06 ***** Evaluation PSpice (Nov 1999) *****

circuit R-L serie

****      SMALL SIGNAL BIAS SOLUTION      TEMPERATURE = 27.000 DEG C

*****

NODE   VOLTAGE   NODE   VOLTAGE   NODE   VOLTAGE   NODE   VOLTAGE
(  1)   0.0000  (  2)   0.0000

VOLTAGE SOURCE CURRENTS
NAME      CURRENT
Vin        0.000E+00

TOTAL POWER DISSIPATION  0.00E+00 WATTS

```

```

VOLTAGE SOURCE CURRENTS
NAME      CURRENT
Vin       0.000E+00

TOTAL POWER DISSIPATION  0.00E+00  WATTS

□
**** 04/29/21 12:59:06 ***** Evaluation PSpice (Nov 1999) *****

circuit R-L serie

****      AC ANALYSIS              TEMPERATURE =  27.000 DEG C

*****

FREQ      I(R1)      IP(R1)

1.000E+02  8.467E-02  -3.214E+01

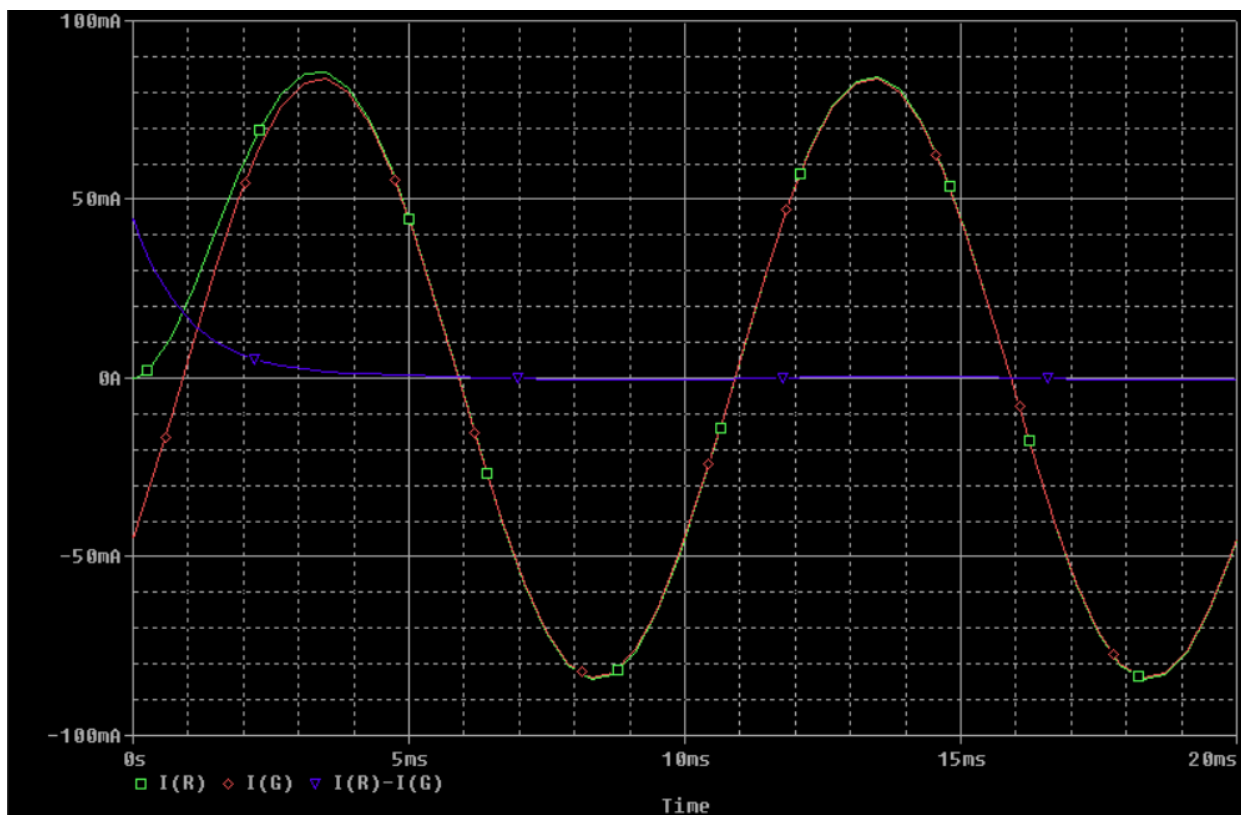
JOB CONCLUDED

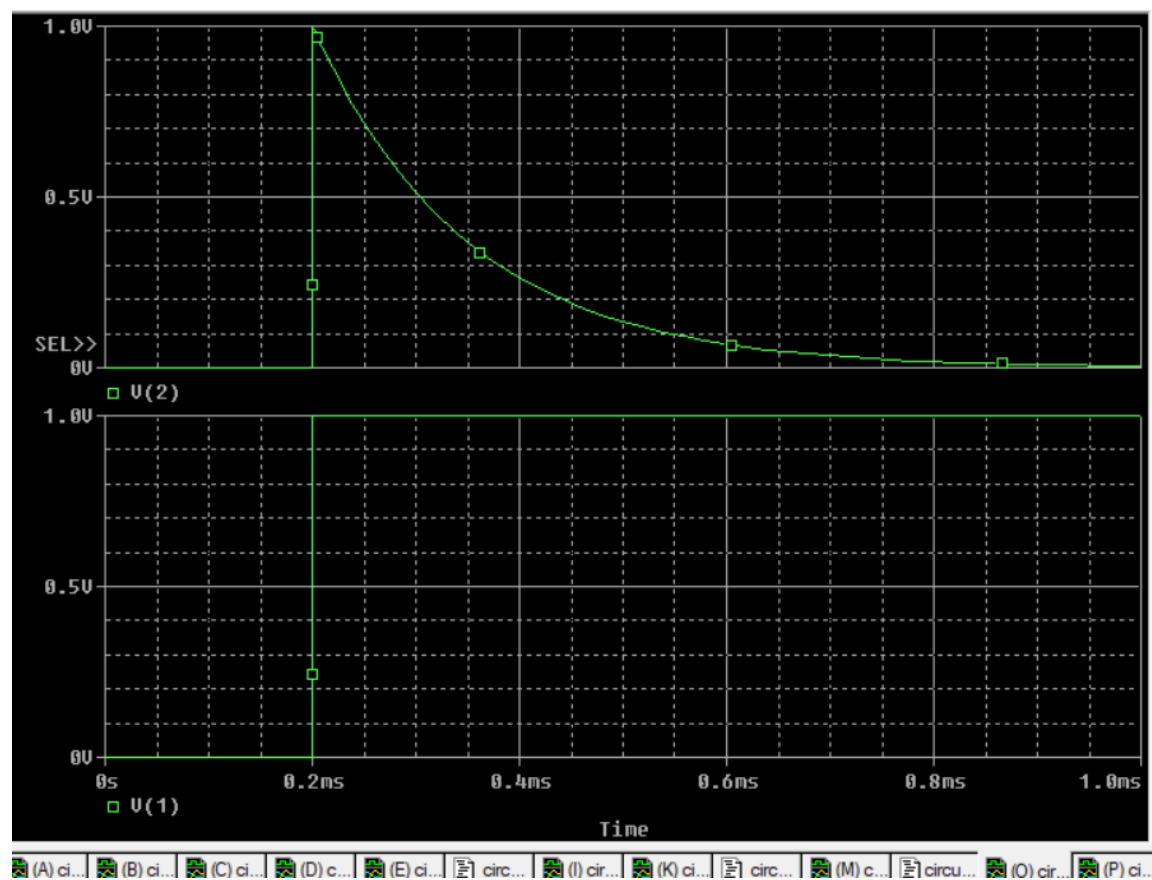
TOTAL JOB TIME      0.00

□

```

< (A) circuit1 (B) circuit2 (C) circuit3 (D) circuit4 (E) circuit5 circuit6 (I) circuit7 circuit9.cir... (K) circuit8





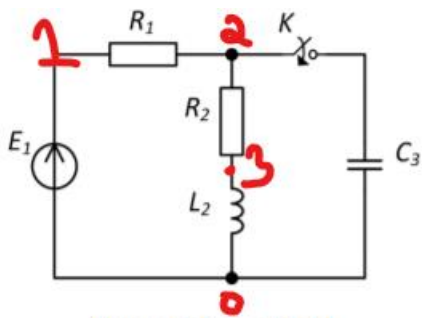
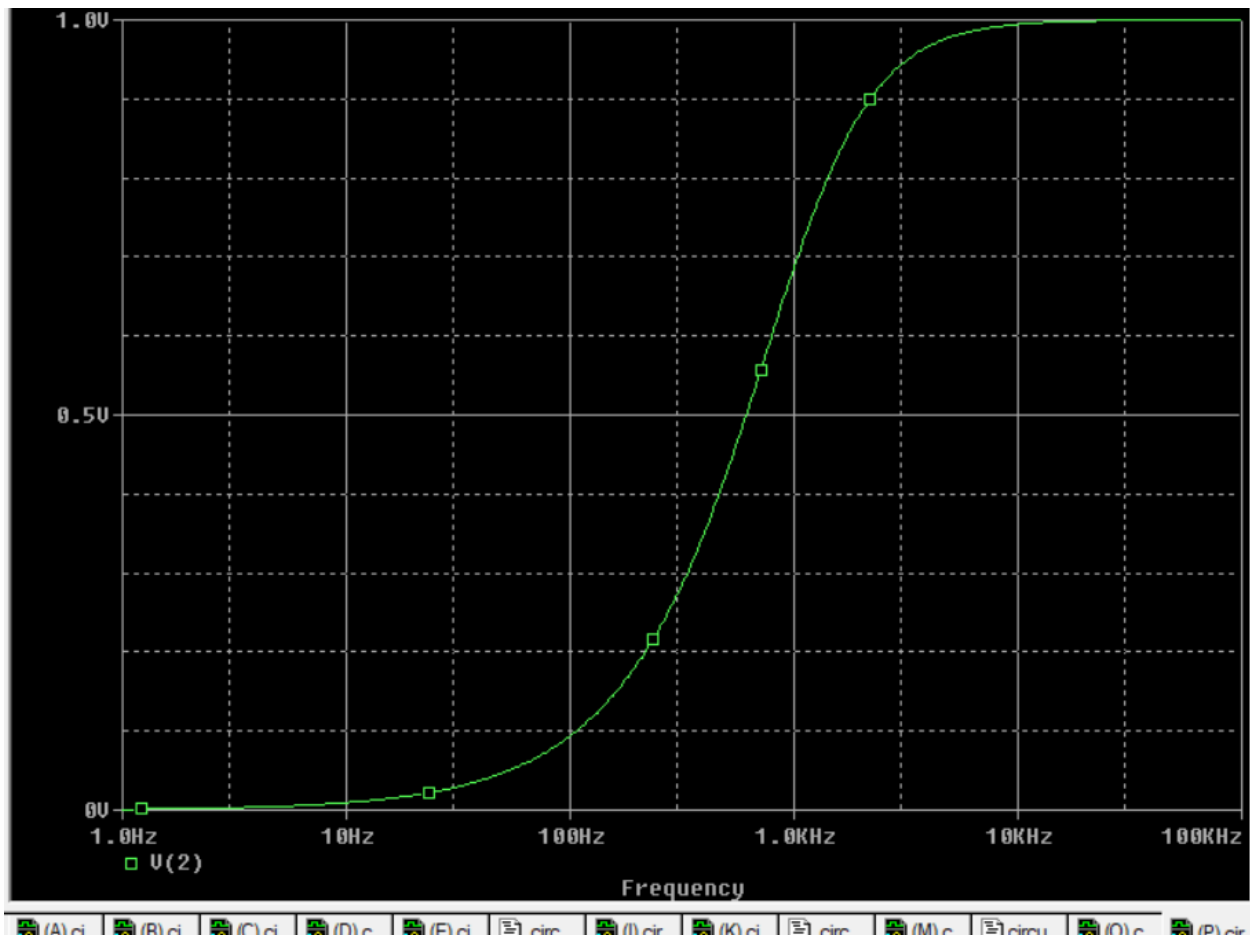


Figura 8 Exercițiul 1

```
Aflarea conditiilor initiale
V1 1 0 60
R1 1 2 400
R2 2 3 800
L2 3 0 0.2
.dc lin V1 60 60 1
.print dc V(2,0) i(L2)
.end
```



```

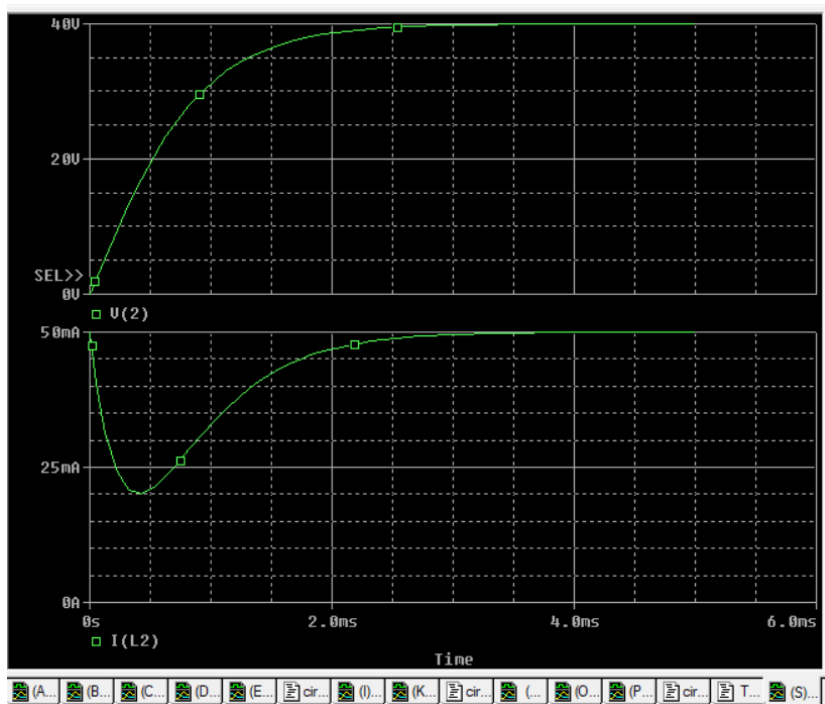
V1 1 0 60
R1 1 2 400
R2 2 3 800
L2 3 0 0.2
.dc lin V1 60 60 1
.print dc V(2,0) i(L2)
.end

```

***** Evaluation PSpice (Nov 1999) *****
 Aflarea conditiilor initiale
 ***** DC TRANSFER CURVES TEMPERATURE = 27.000 DEG C *****

V1	V(2,0)	I(L2)
6.000E+01	4.000E+01	5.000E-02

 JOB CONCLUDED
 TOTAL JOB TIME 0.00



```
Aflarea conditiilor initiale
V1 1 0 60
R1 1 2 1
R2 2 3 800
L2 3 0 0.2 ic=50m
C3 2 0 2.5u ic=0
.tran 5m 5m
.probe
.end
```

