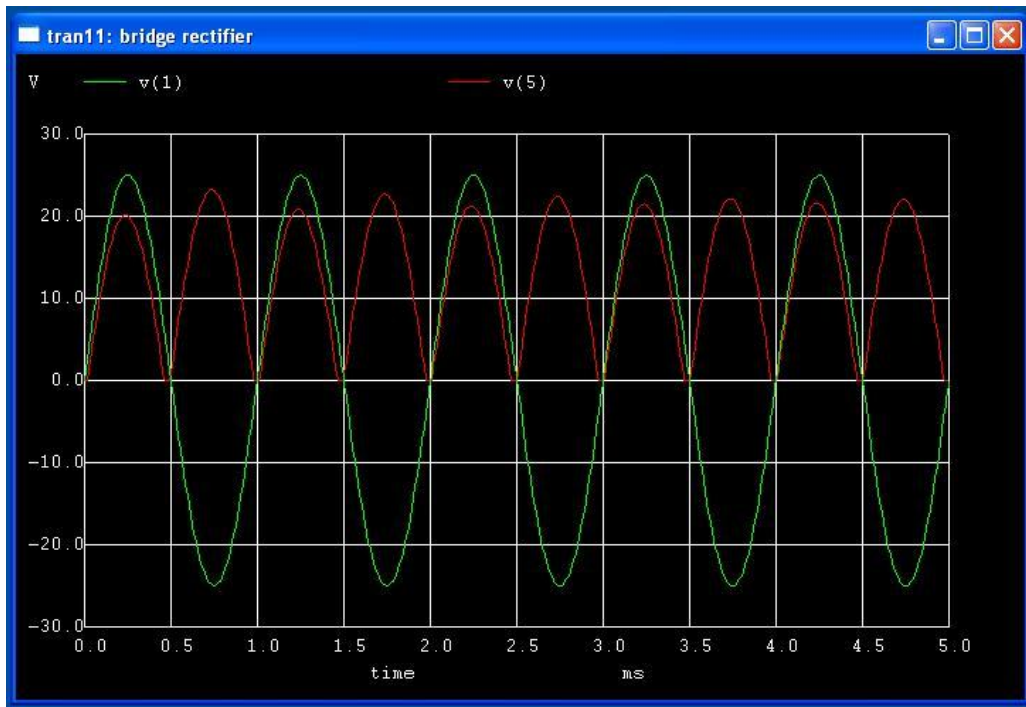Bridge Rectifier

.MODEL DIO D( IS=1.8E-14 RS=2 BV=50.0 IBV=1e-4
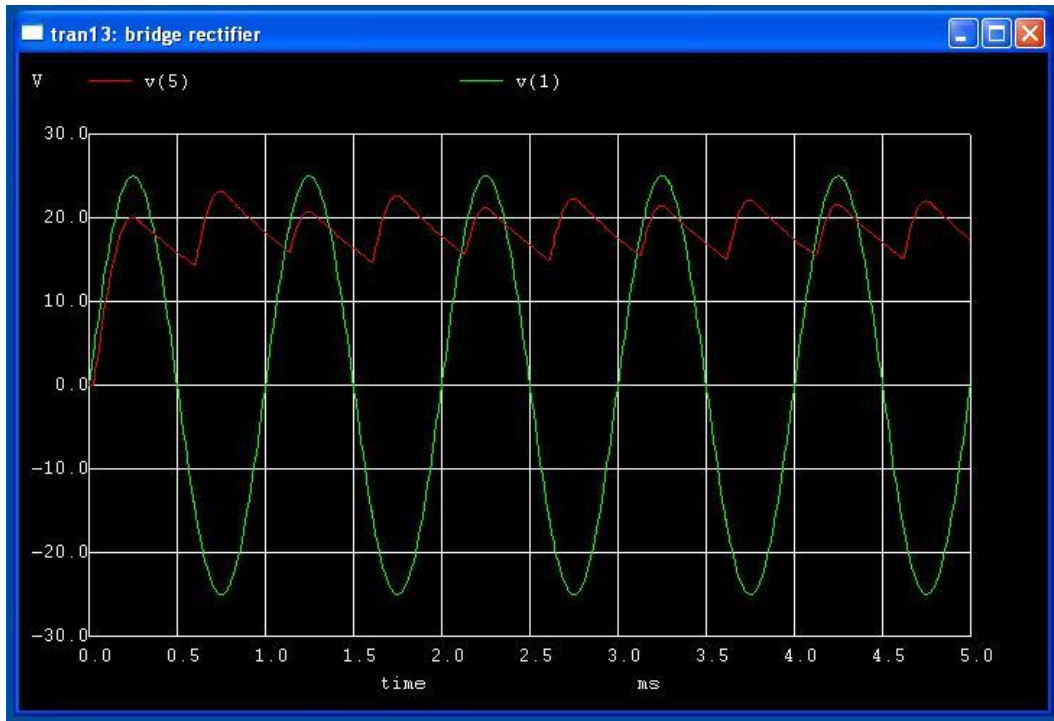+ CJO=2e-12  M=0.333 N=2.06 TT=4.32e-9)

Rs 1 2 .5
Lp 2 0 1mH
Ls 3 4 1mH
D1 0 3 DIO
D2 3 5 DIO
D3 4 5 DIO
D4 0 4 DIO
Rl 5 0 5K
Kps  Lp  Ls  1
C1 5 0 5u
v1 1 0 sin(0 25V 1k)
.tran 0.01m 5m
.control
run
plot v(1) v(5)
.endc
.end

-----------------------------------------Screenshots--------------------------------------------

1.

2.



3.