

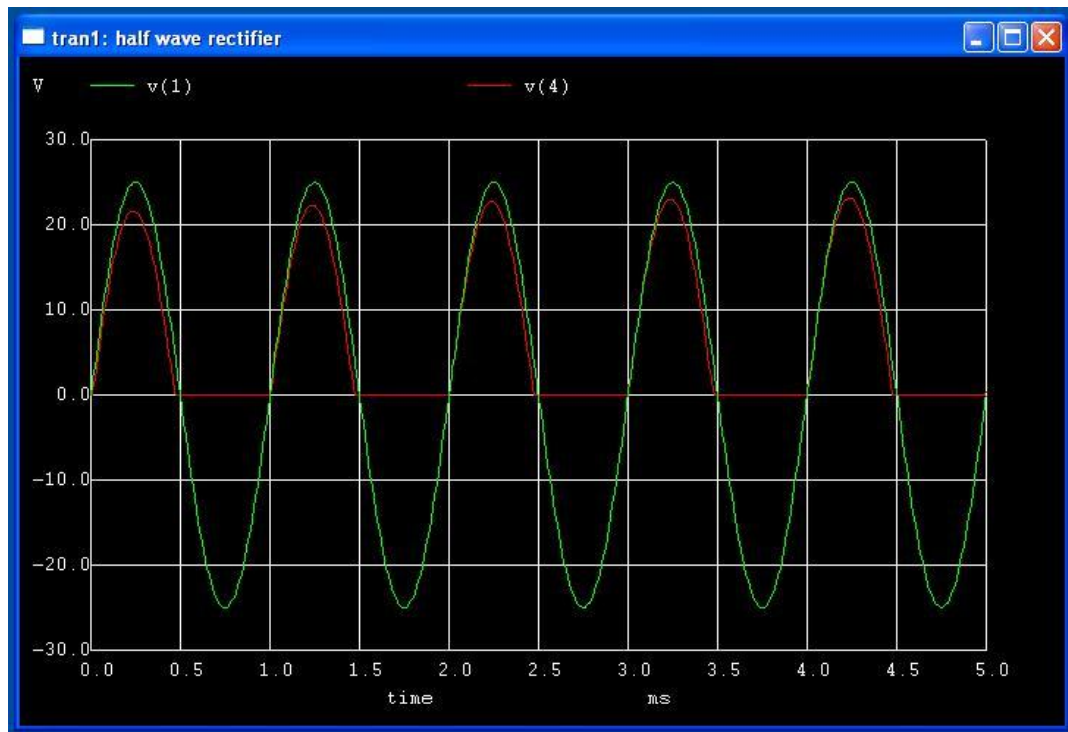
Half Wave Rectifier

```
.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)
```

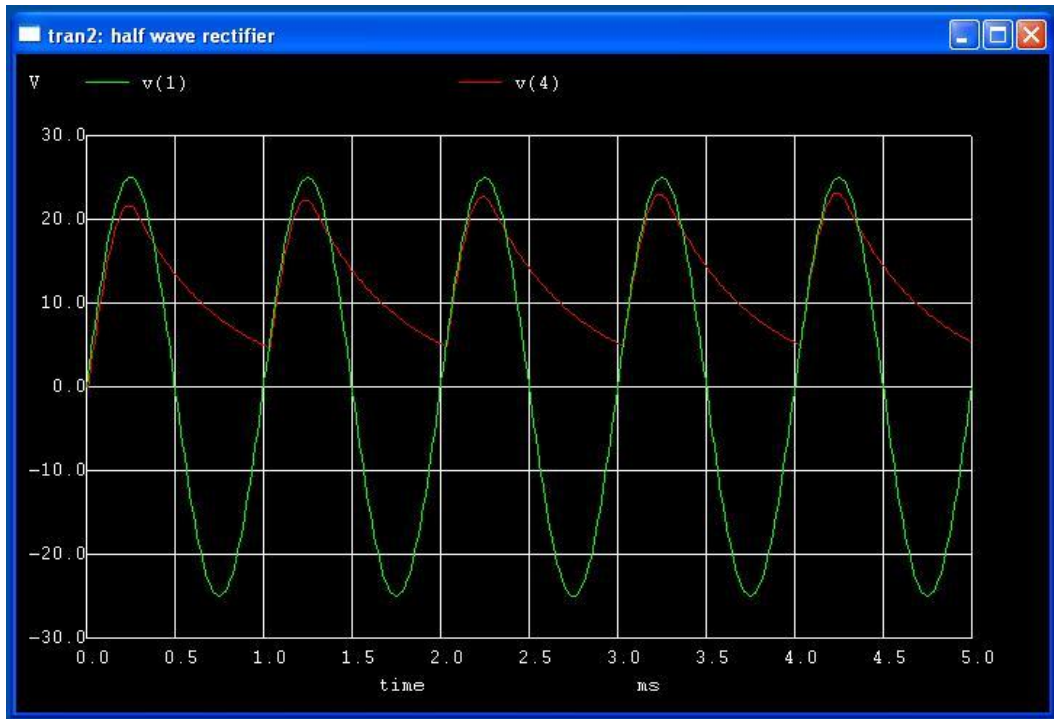
```
R1 1 2 .5  
Lp 2 0 1mH  
Ls 3 0 1mH  
D1 3 4 DIO  
R2 4 0 5K  
Kps Lp Ls 1  
C1 4 0 5u  
v1 1 0 sin(0 25V 1k)  
.tran 0.01m 5m  
.control  
run  
plot v(1) v(4)  
.endc  
  
.end
```

-----Screenshots-----

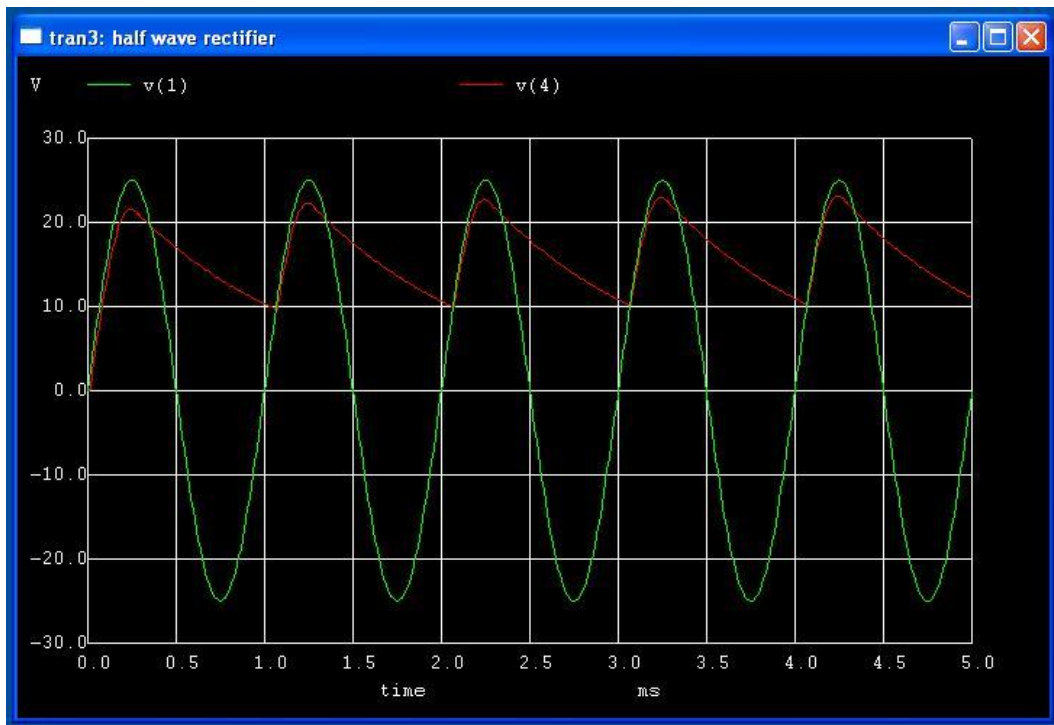
1.



2.



3.



4.

