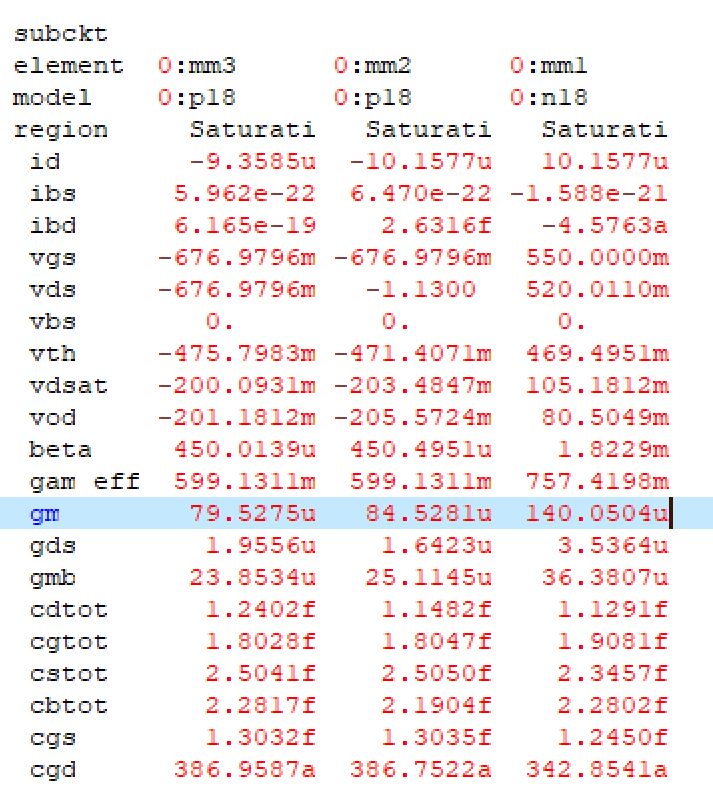
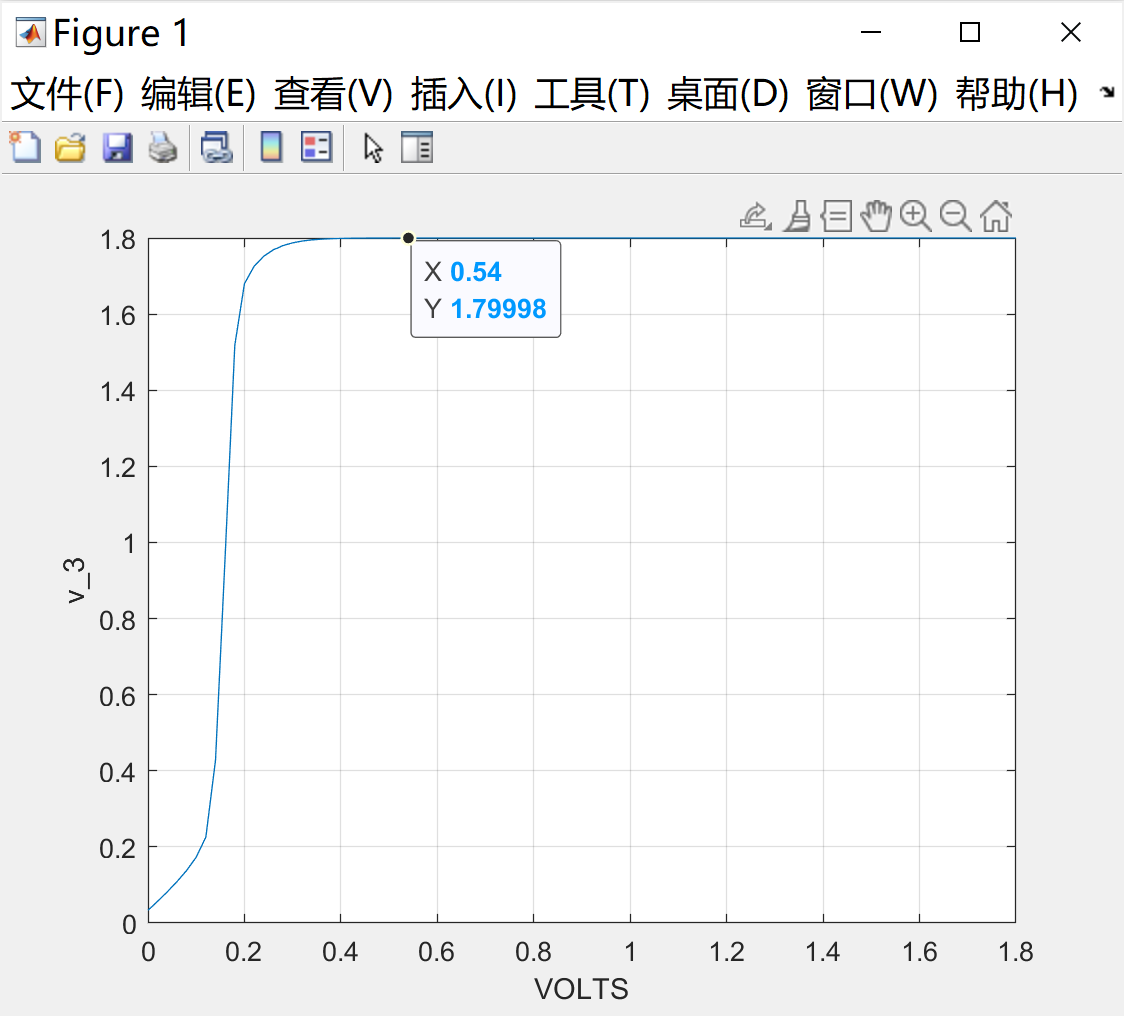
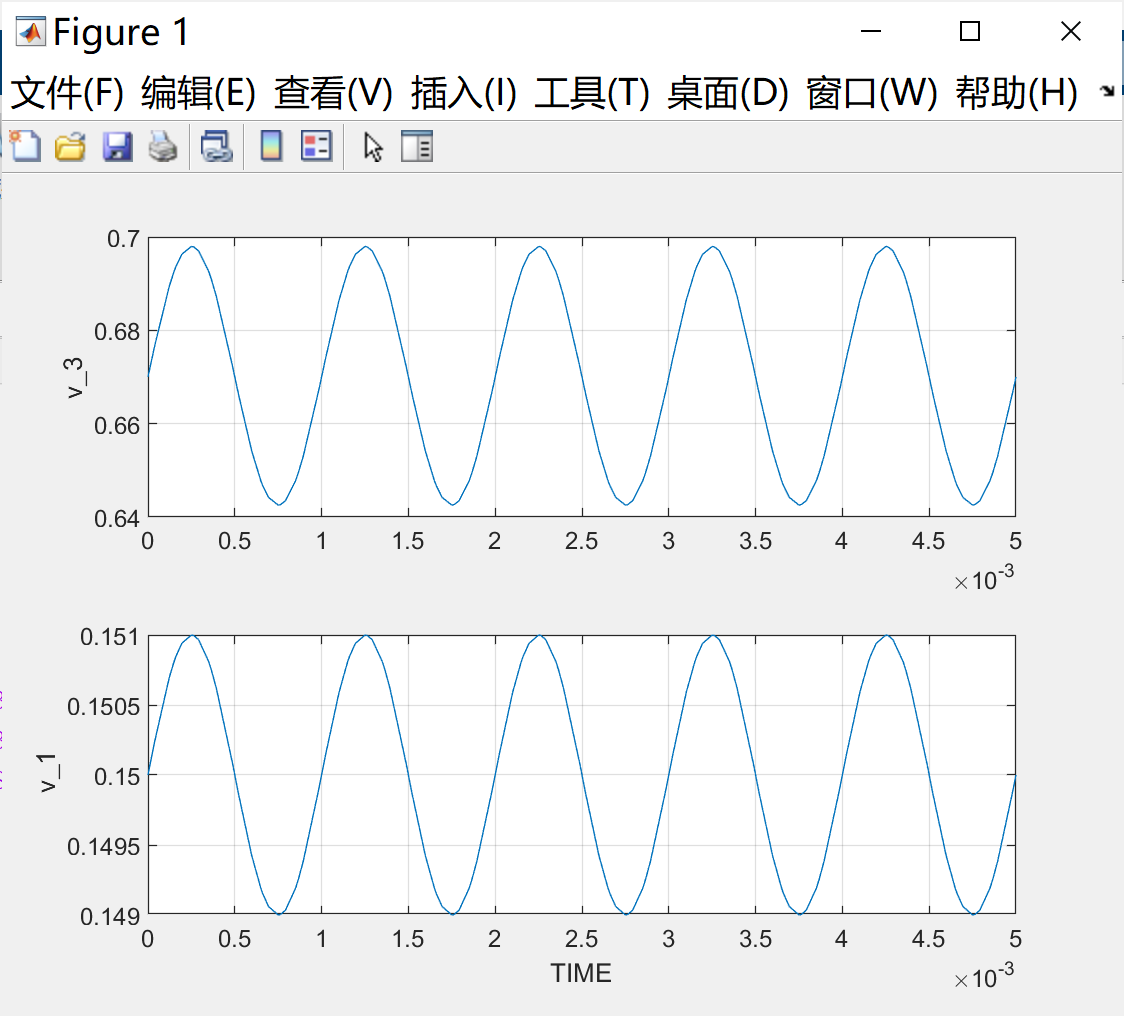
6.13

DC仿真：

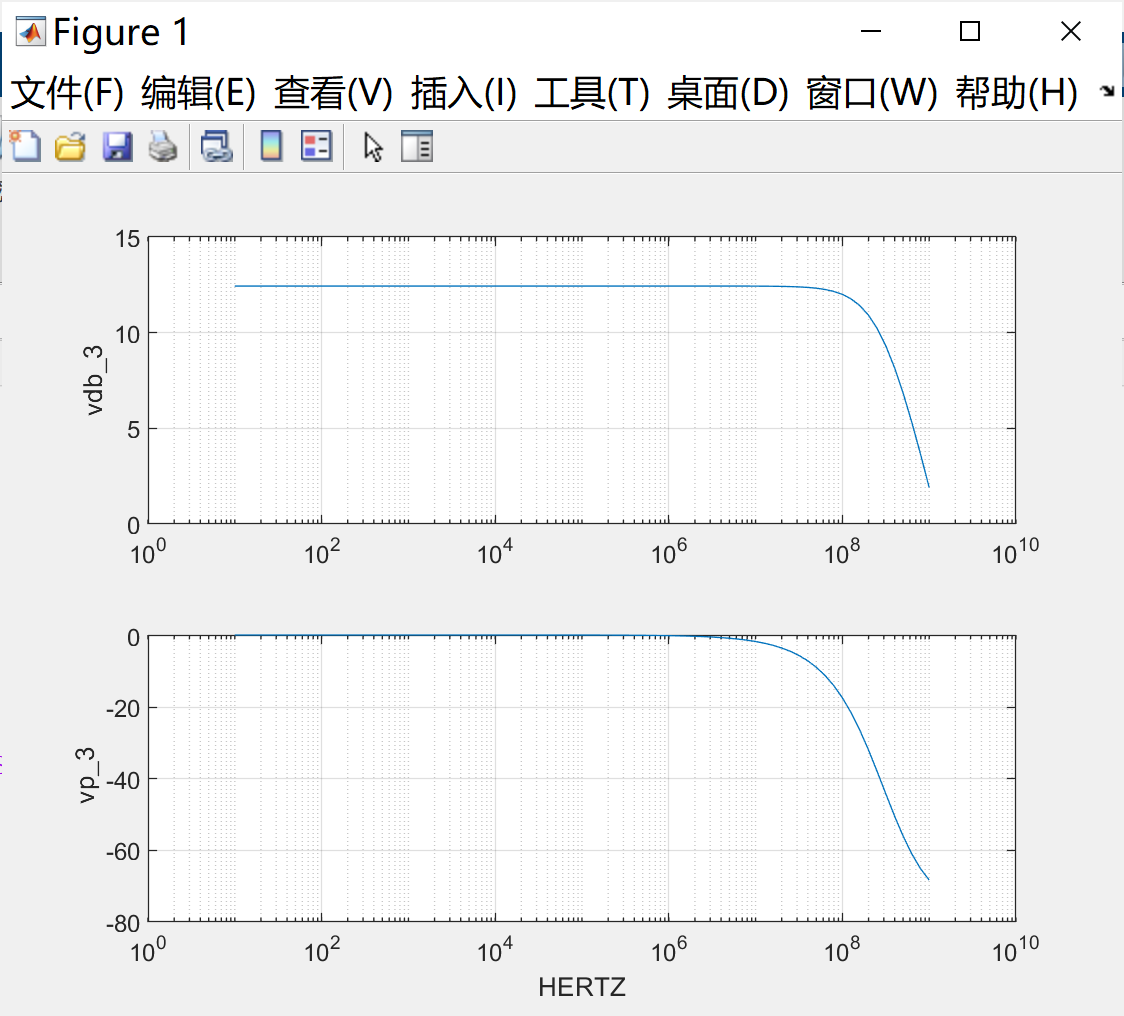


由图可知，直流工作点大概在0.54V左右，id、vds等小信号参数可由右图获知

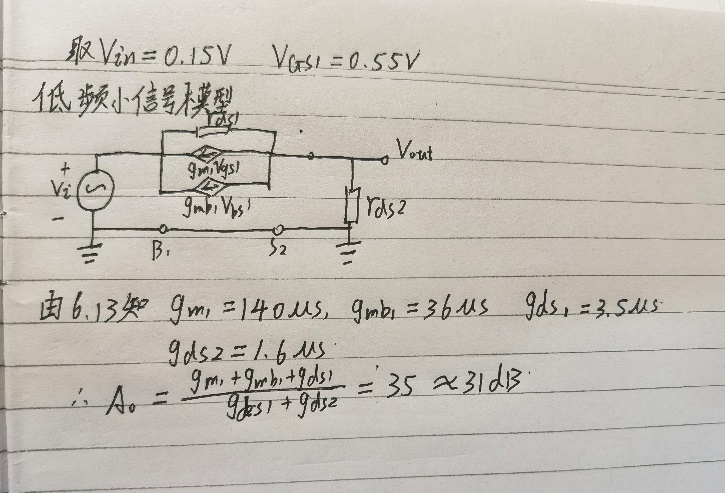
Tran仿真：



AC仿真：

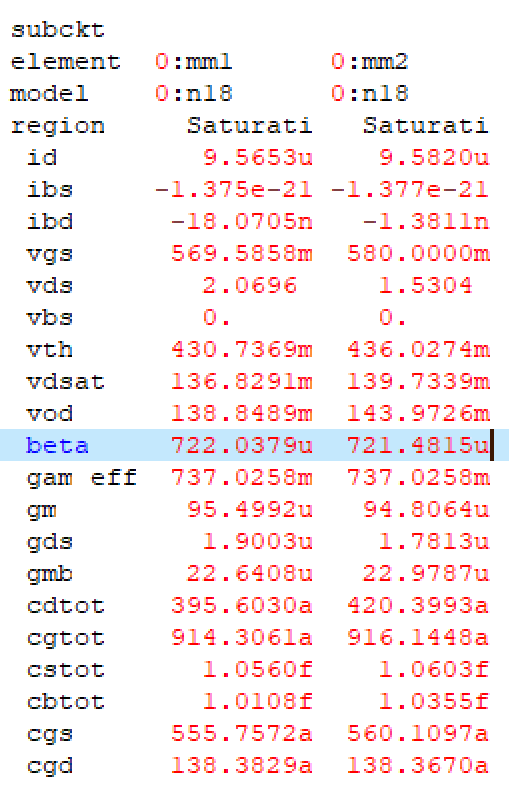
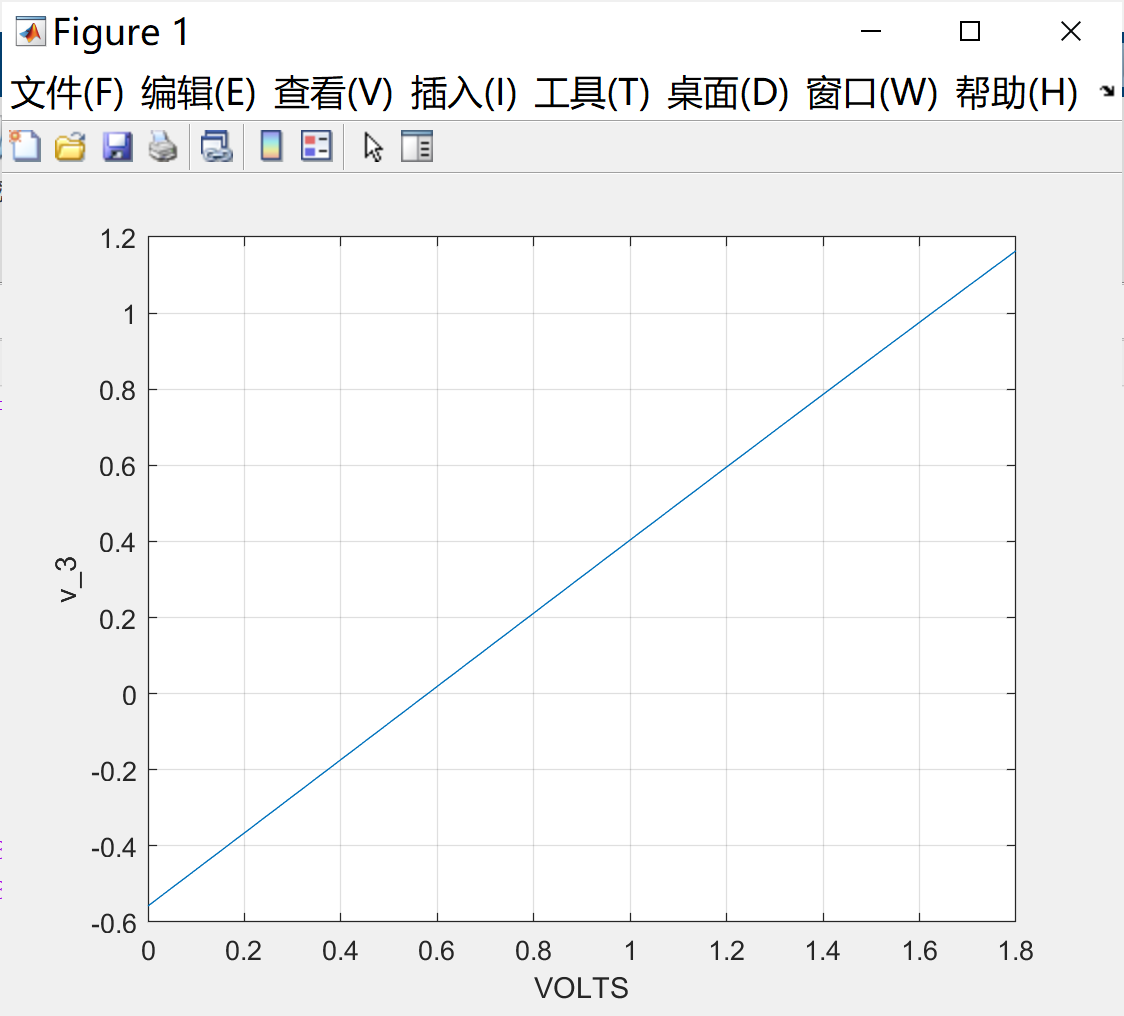


6.14



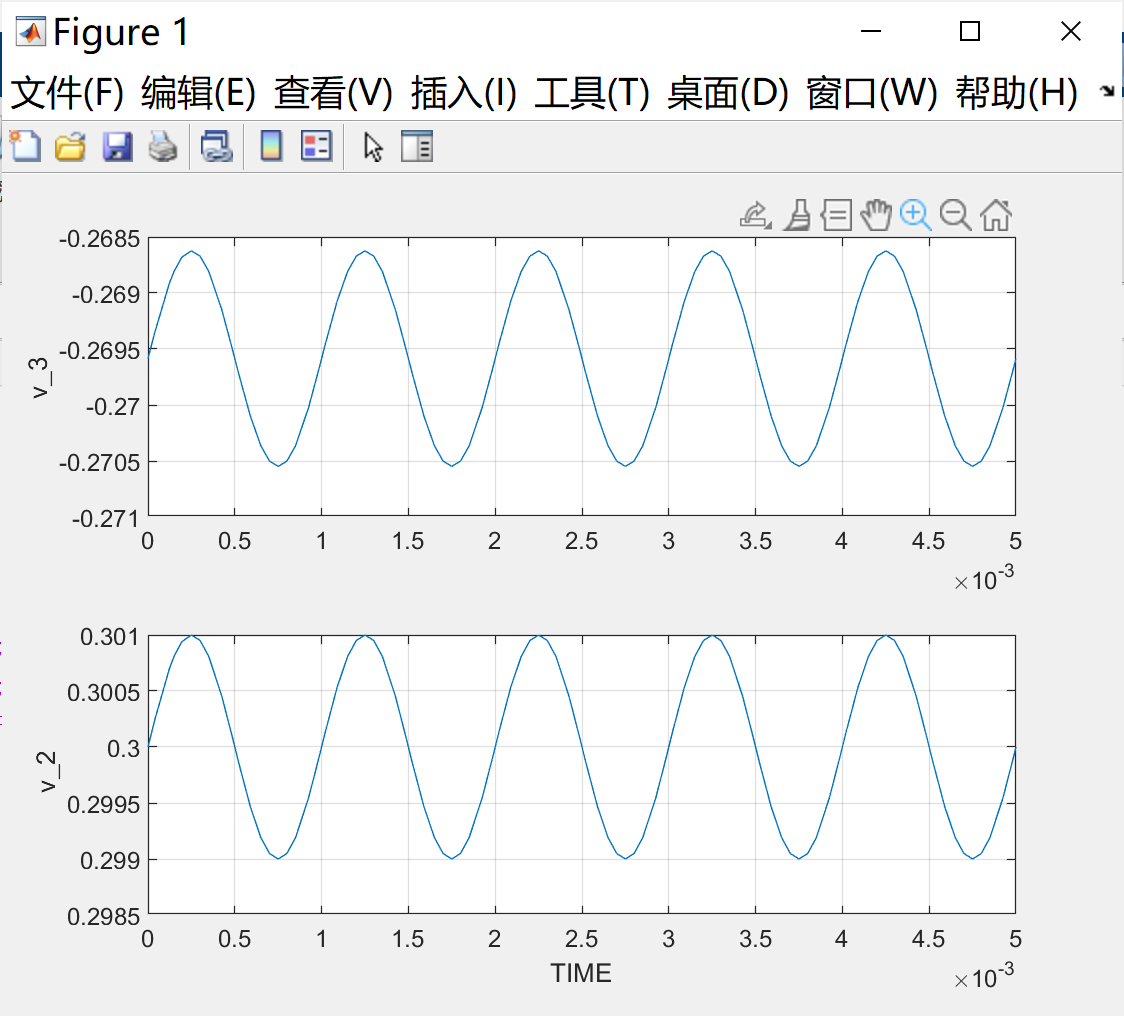
6.15

DC仿真：

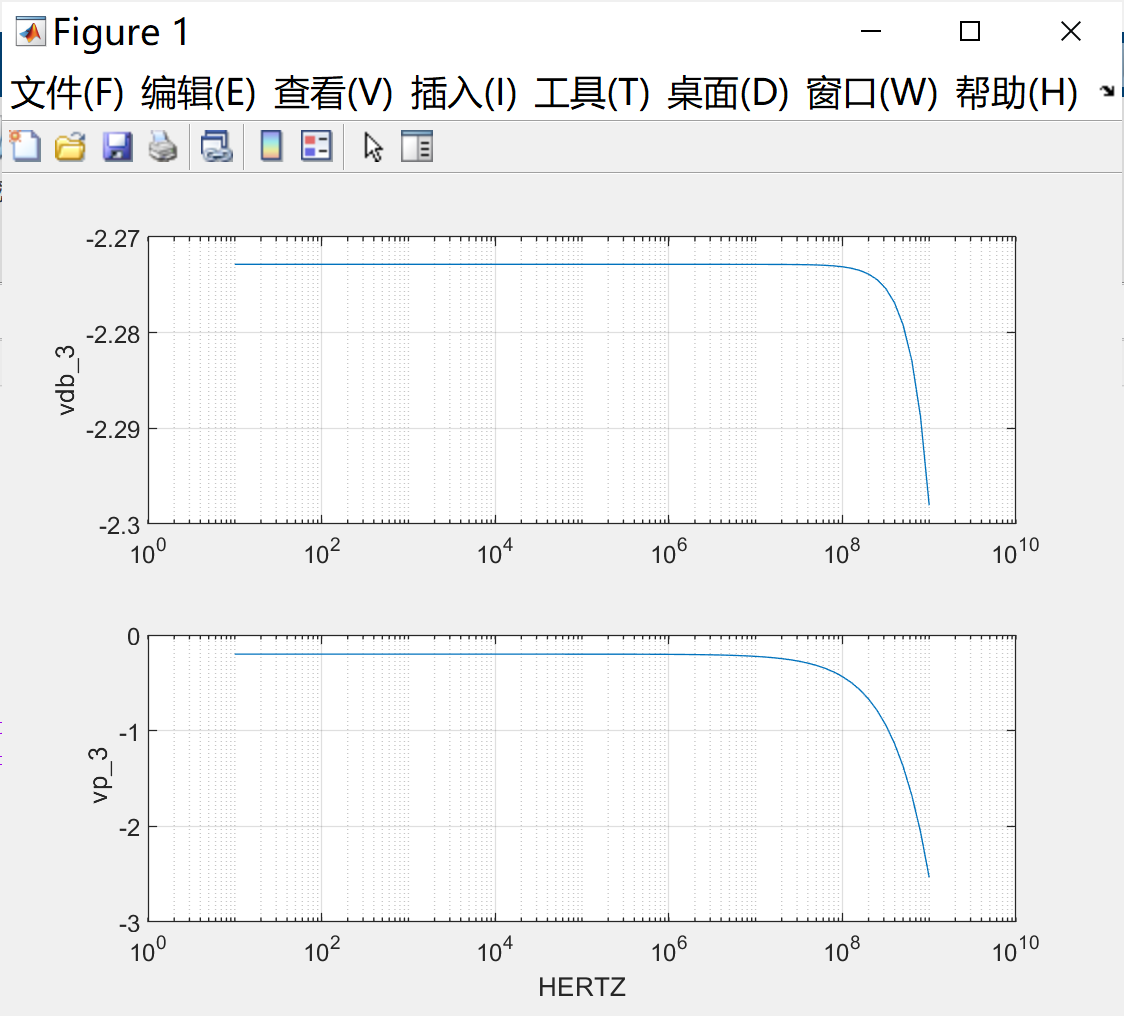


可得到，要使vin和vout基本相同，则取vin为0.3V左右

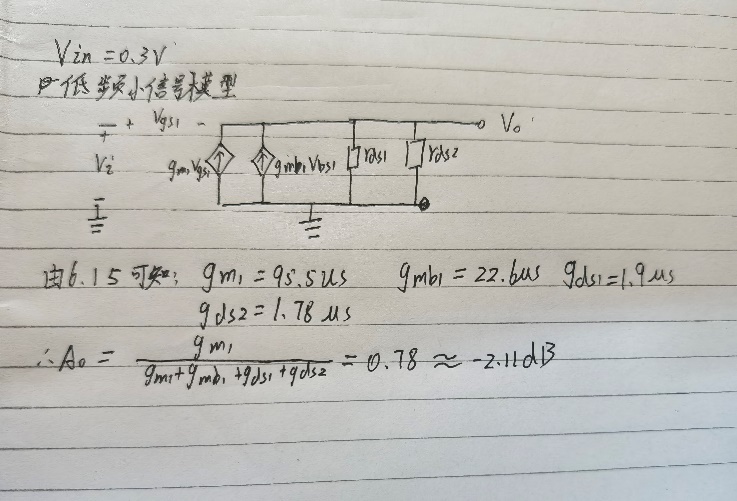
Tran仿真：



AC仿真：

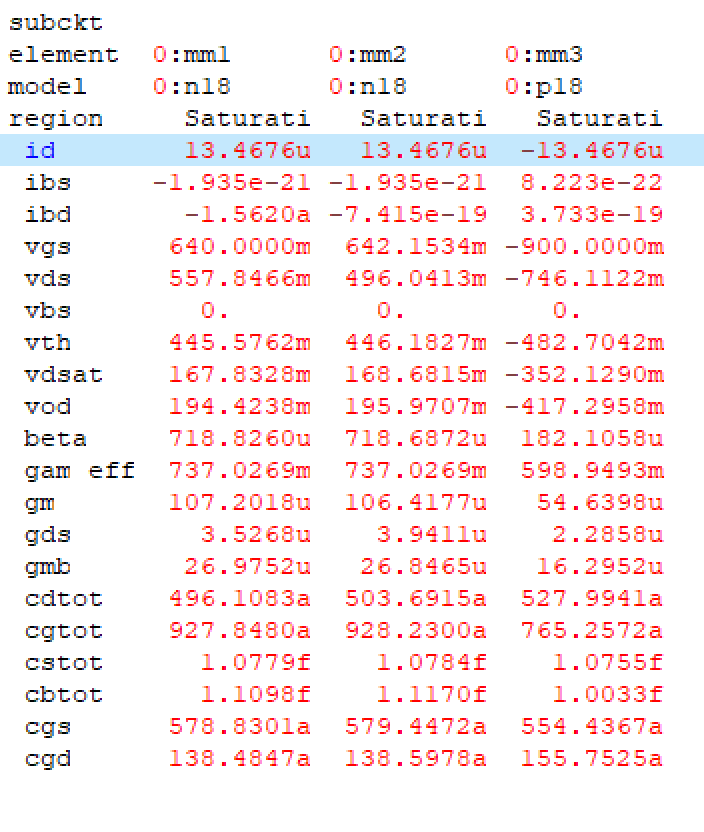
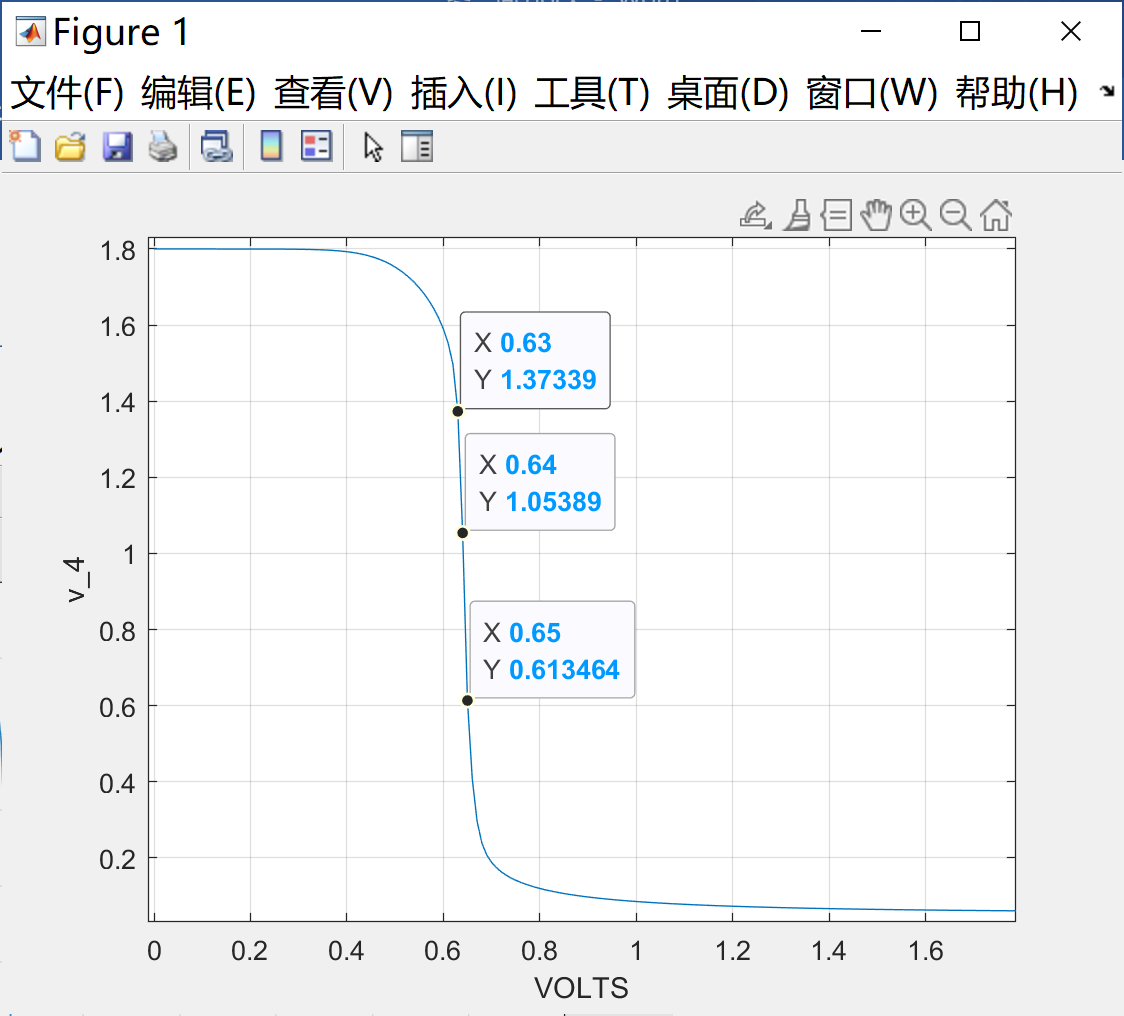


6.16



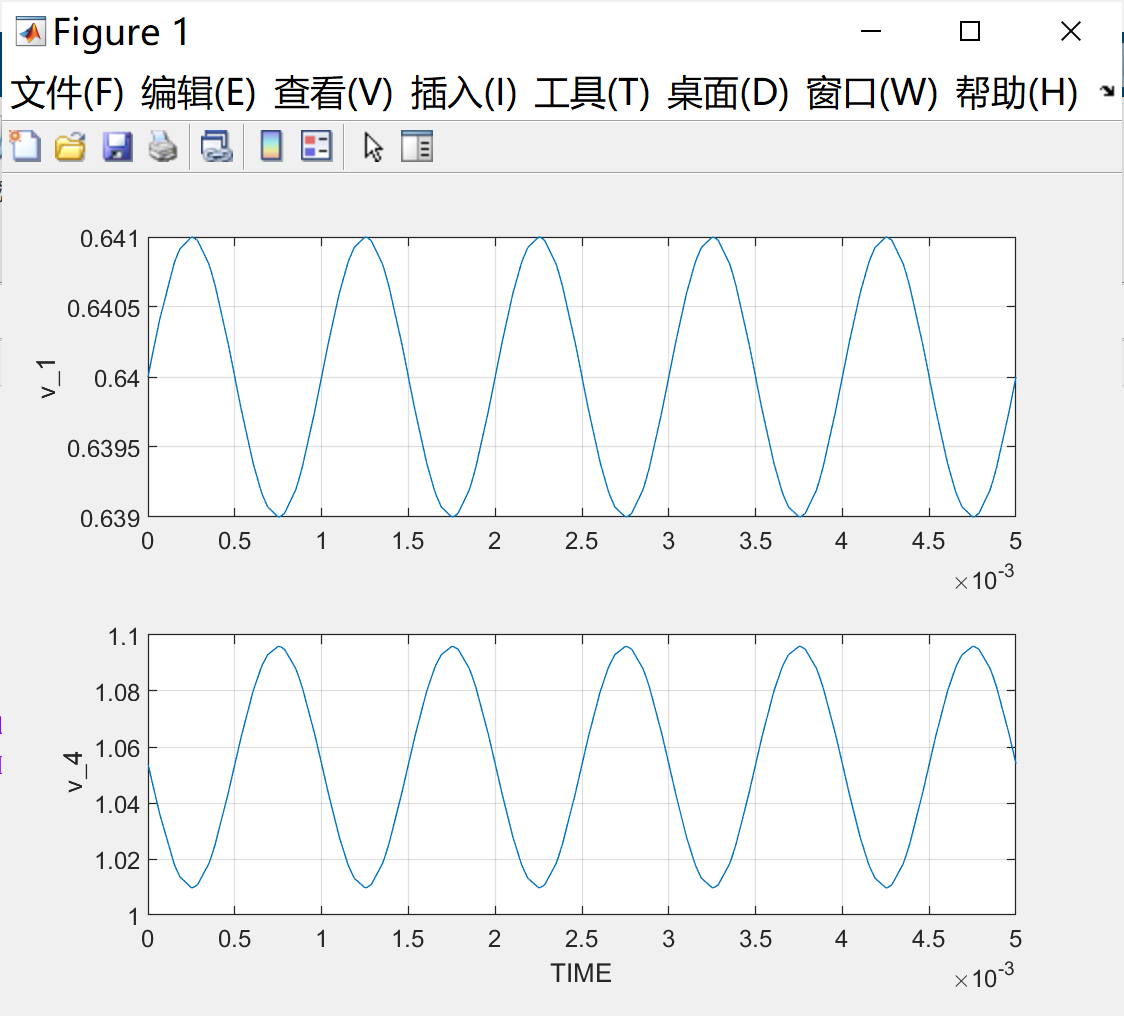
6.17

DC仿真：

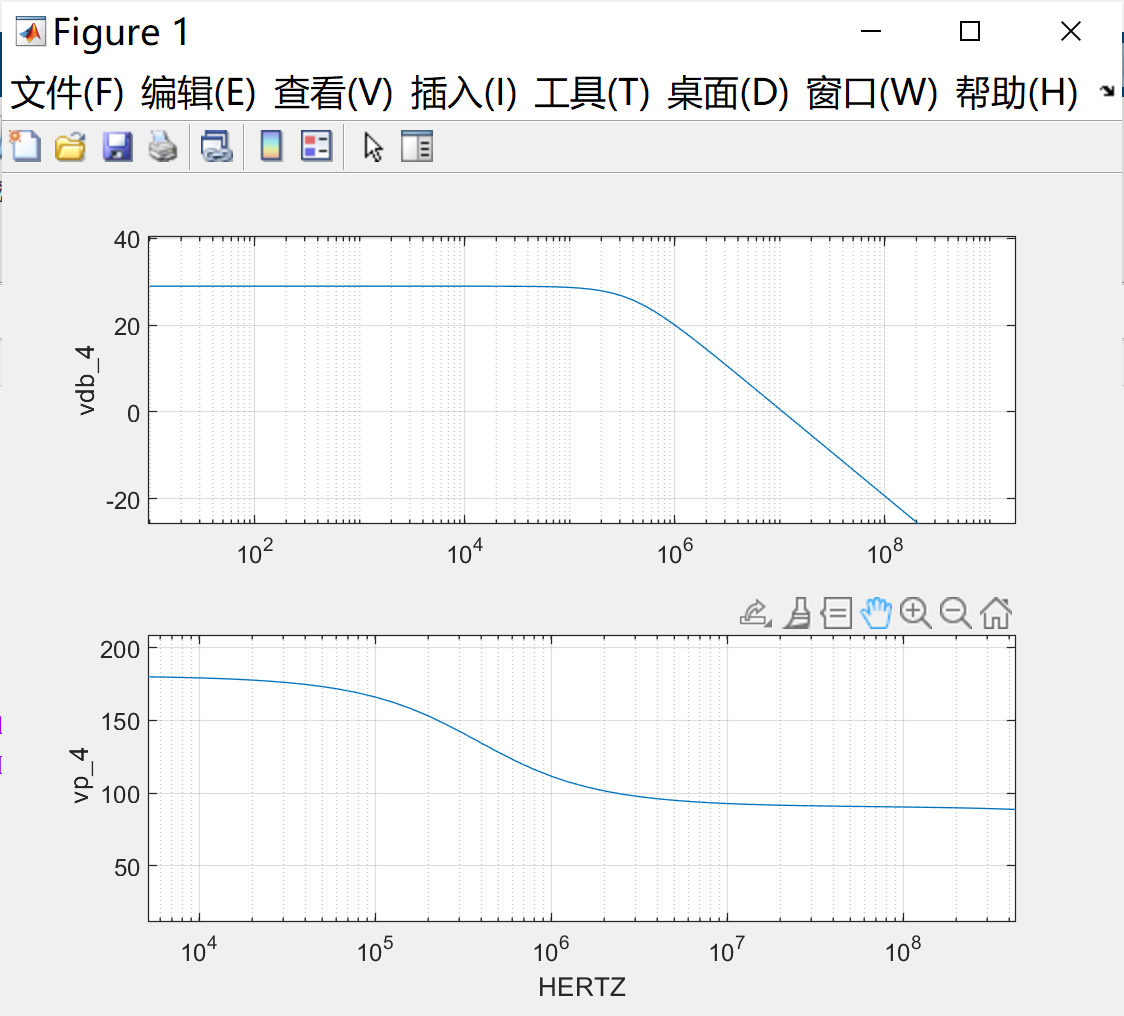


由图可得，vin应为0.64V，其他小信号特征由右图给出

Tran仿真：

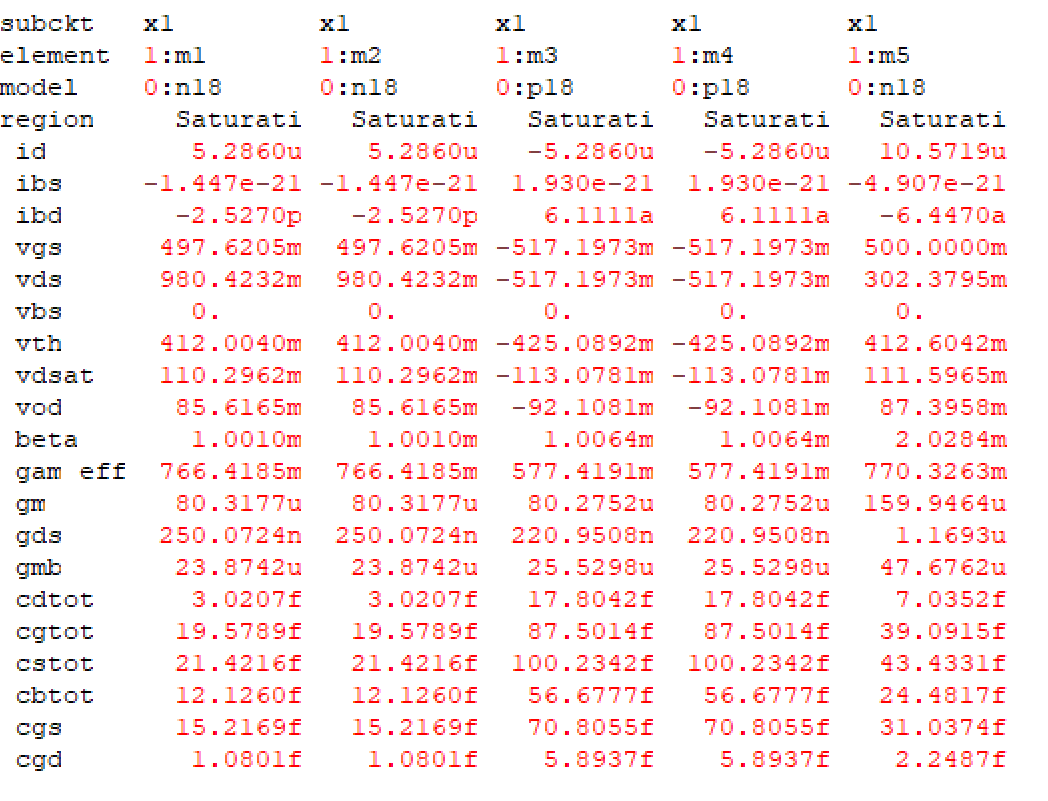
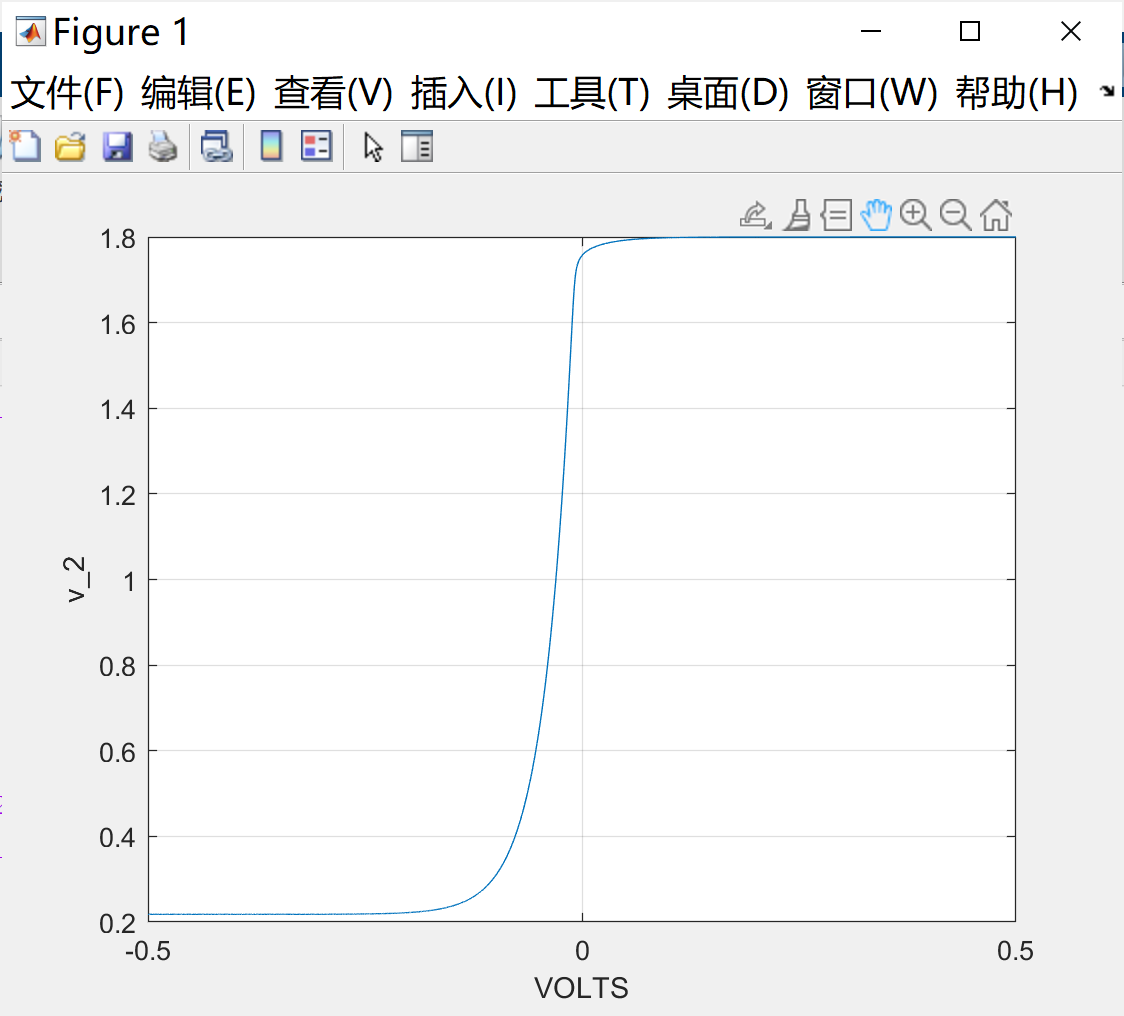


AC仿真：



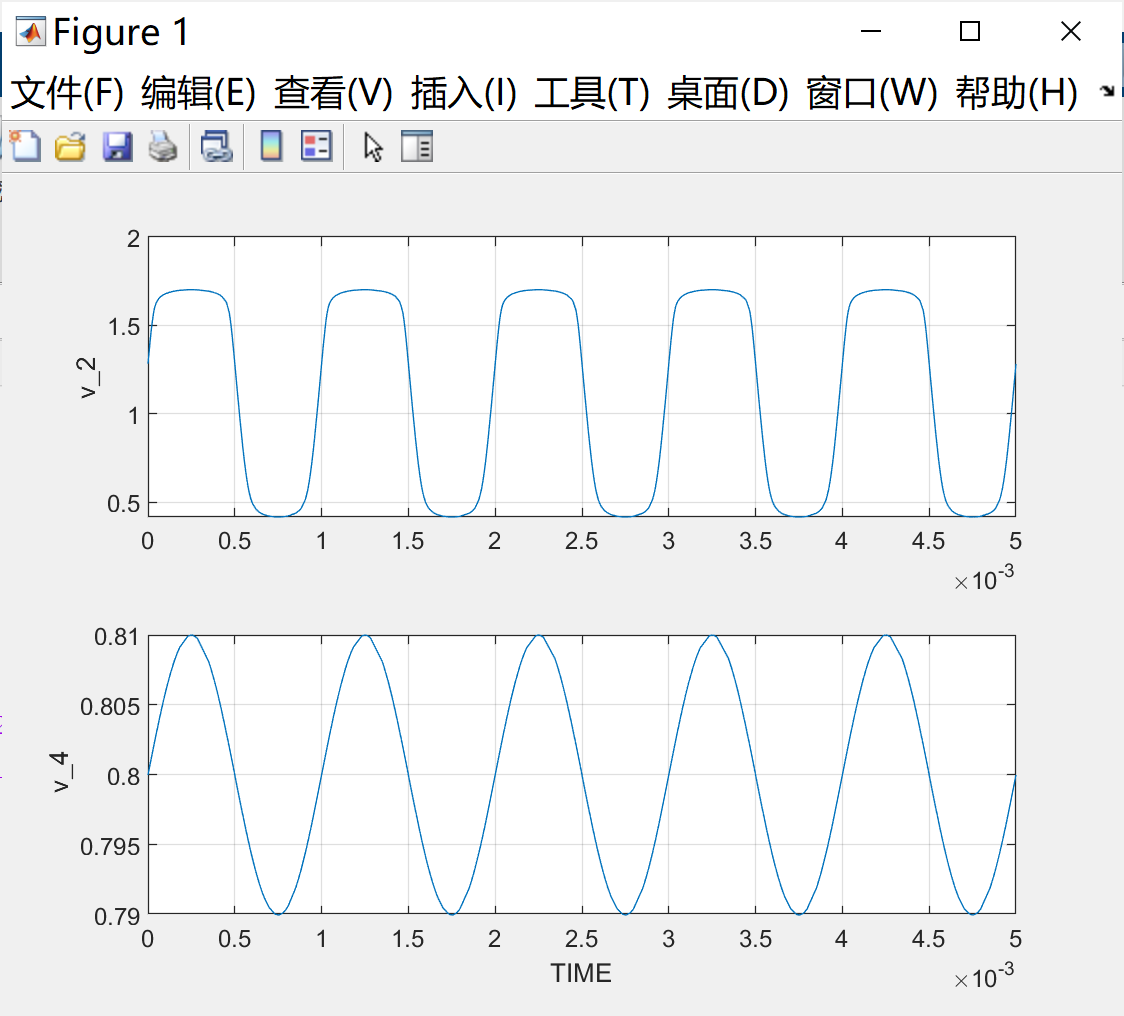
6.19

DC仿真：

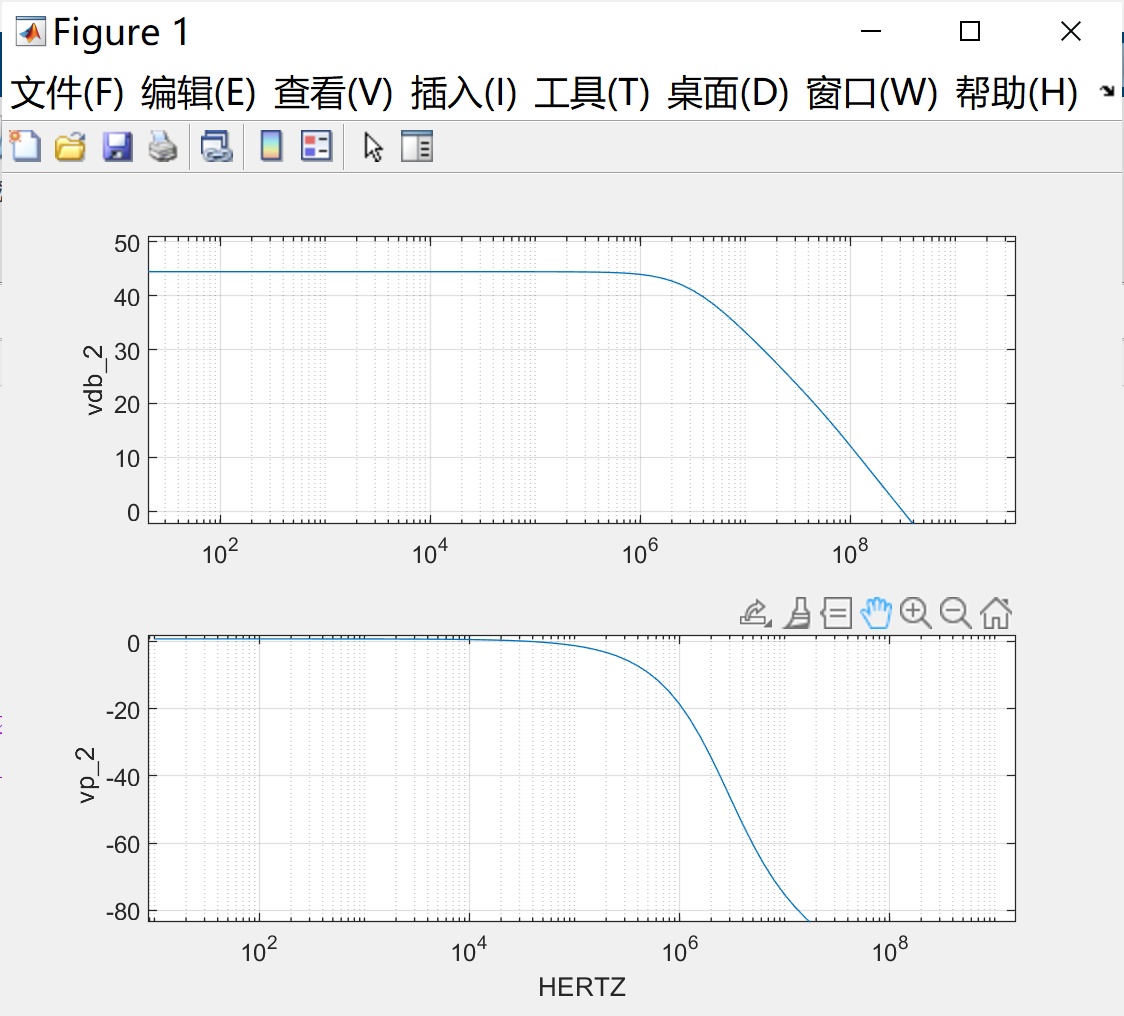


由图，输入共模应为0.8V左右，其余小信号参量由右图给出

Tran仿真：



AC仿真：



6.21

该电路为电压并联反馈