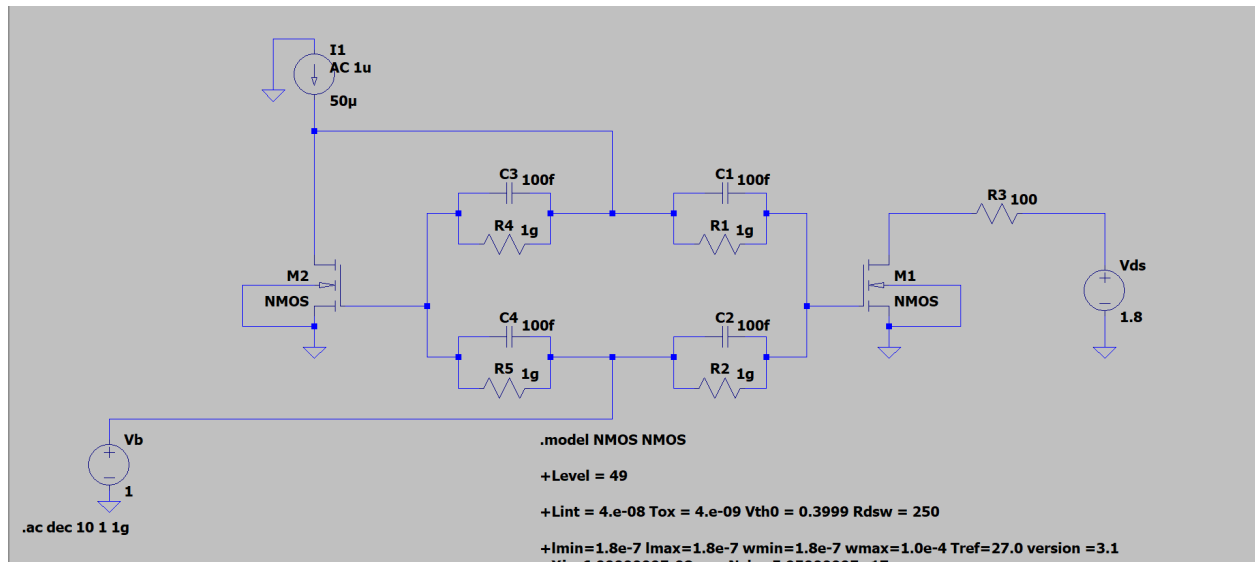
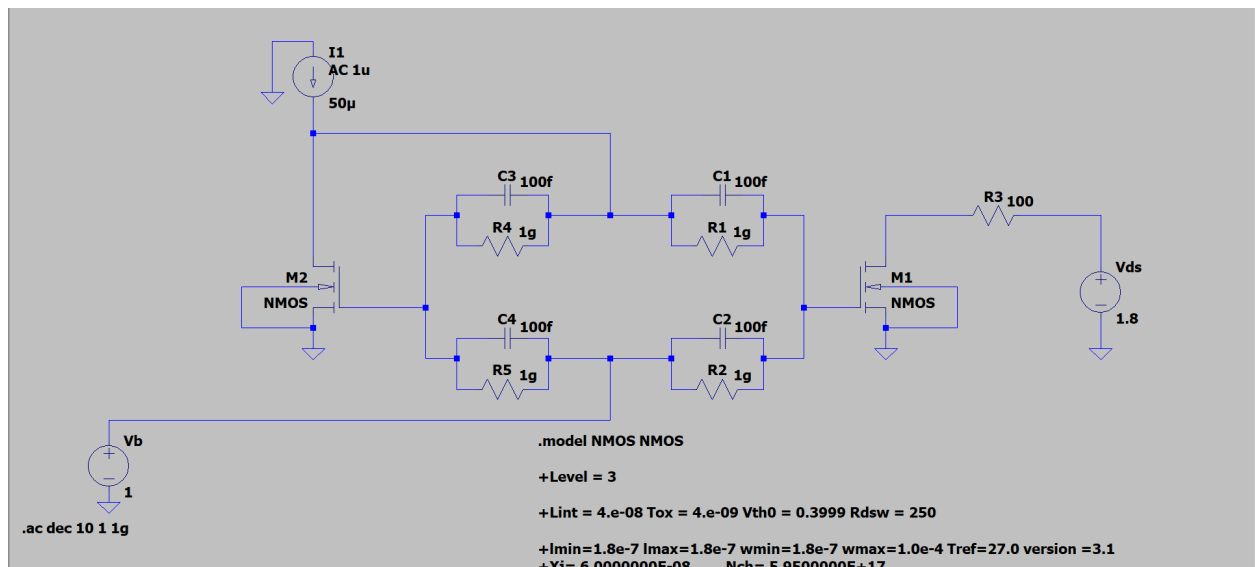


Schematics:

a) FG-NMOS using level 49

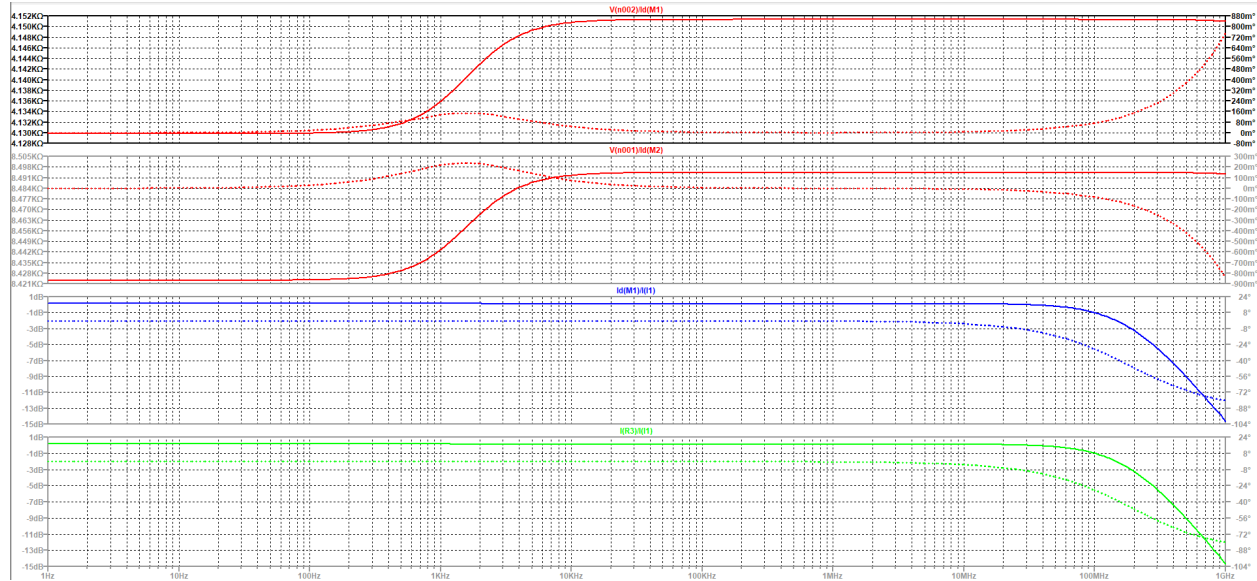


b) FG-NMOS using level 3



Outputs:

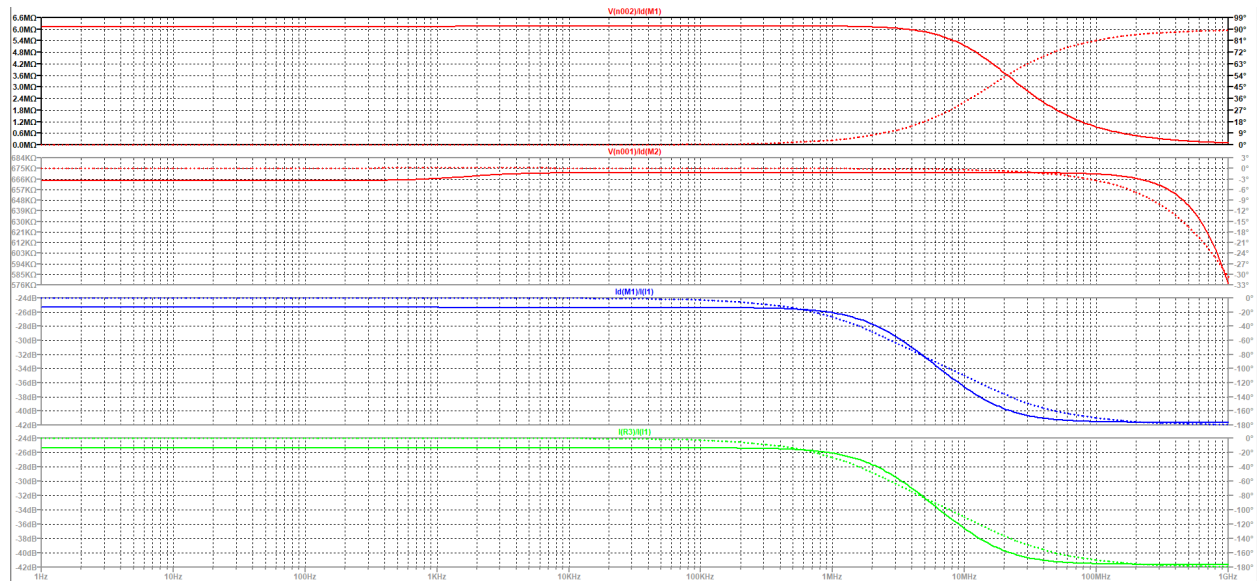
a)



Gain: 120mdb
Zin: 5.49 Kohm

Bandwidth: 182.83 MHz
Zout: 4.15 Kohm

b)



Gain: 25.3 db
Zin: 671.3 Kohm

Bandwidth: 2.36 MHz
Zout: 6.16 Mohm

DC sweep:

Upper: Level 49

Lower: Level 3