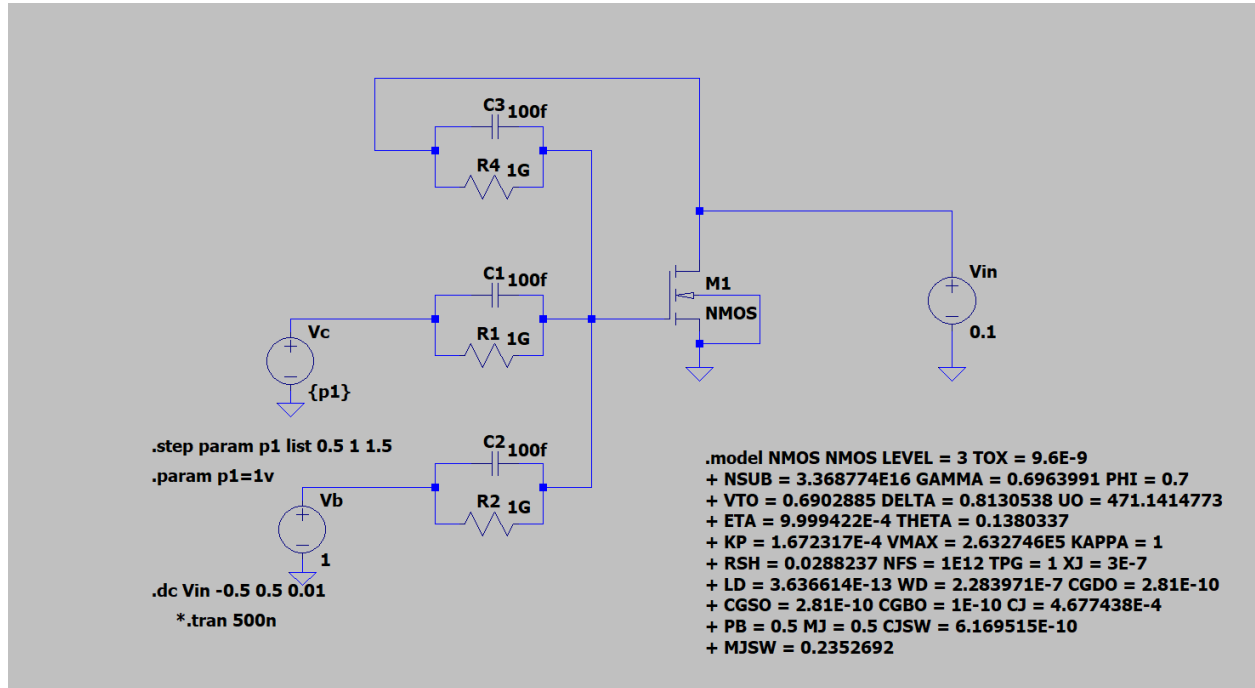


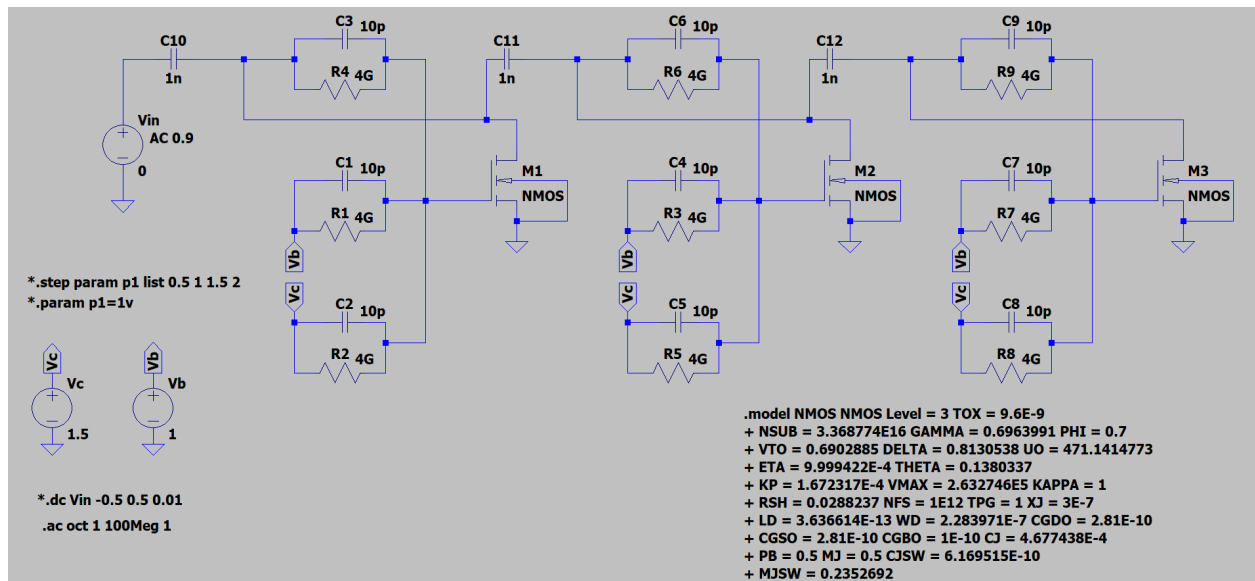
## FGMOS based threshold dependent grounded resistor

### Schematics:

#### a) I-V characteristics

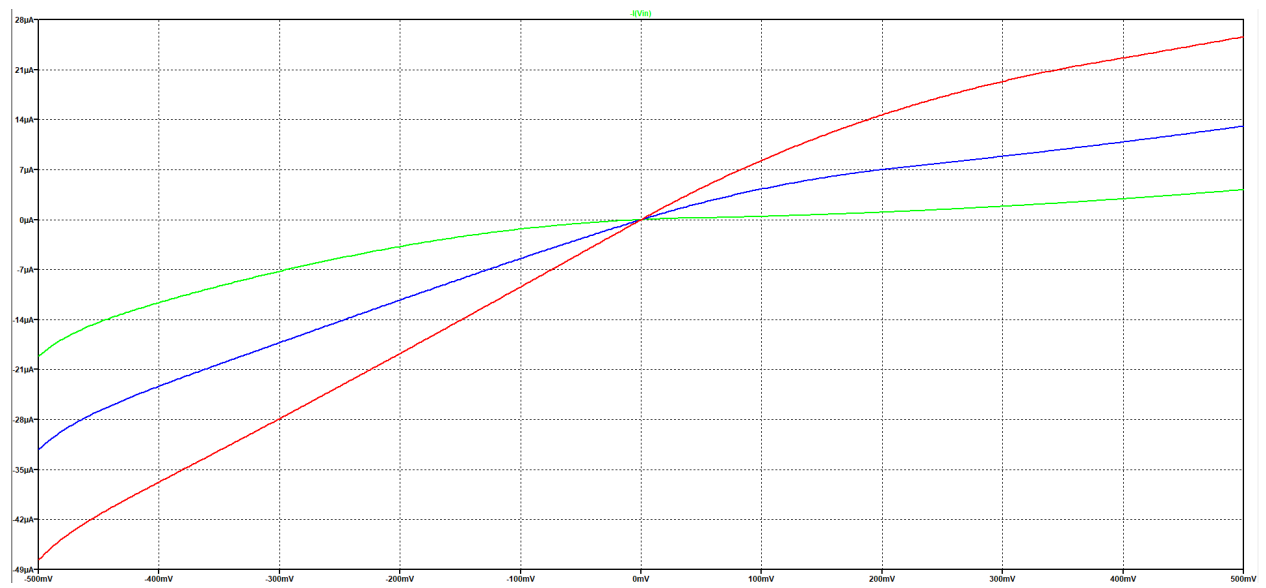


#### b) 3rd order high pass filter



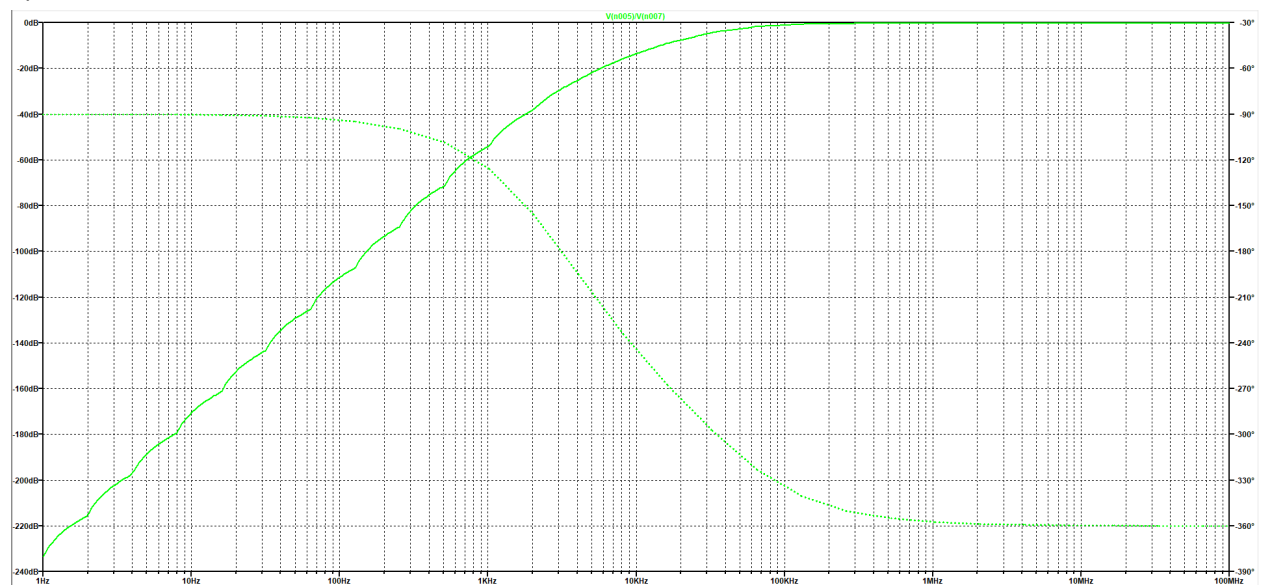
### Outputs:

#### a)



$V_c = 1.5v$  (Red),  $1v$  (Blue),  $0.5v$  (Green)

b)



$$f_{3db} \approx 46.6KHz$$