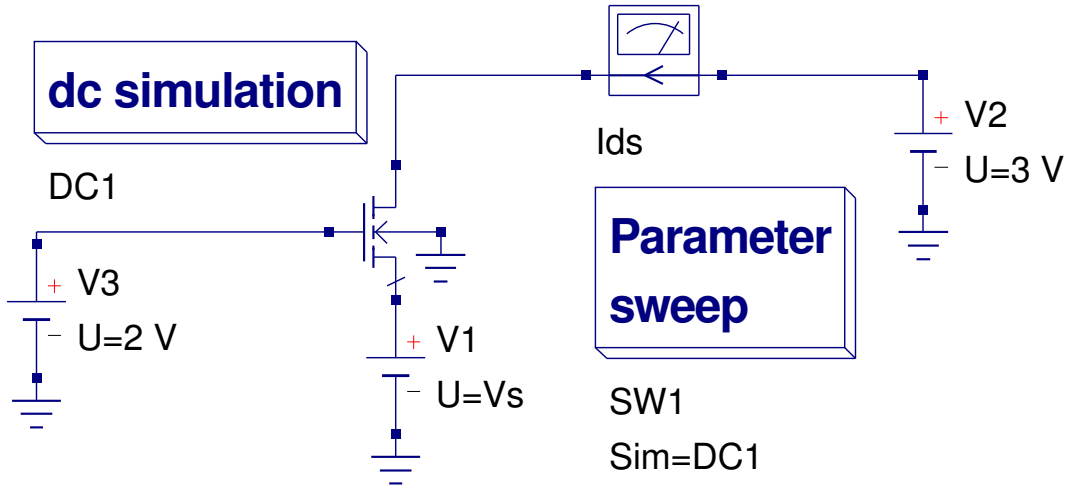
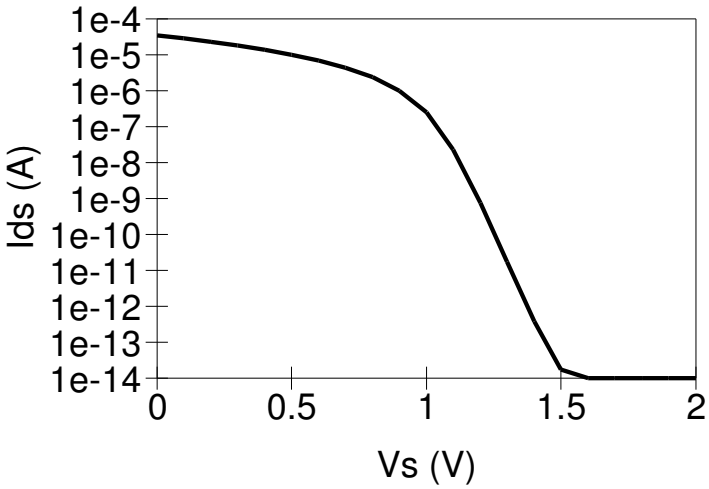
EKV26nMOS1
L=10e-6
W=10e-6
Cox=3.45e-3
Vto=0.6
Gamma=0.71
Phi=0.97
Kp=50e-6
Theta=50e-3

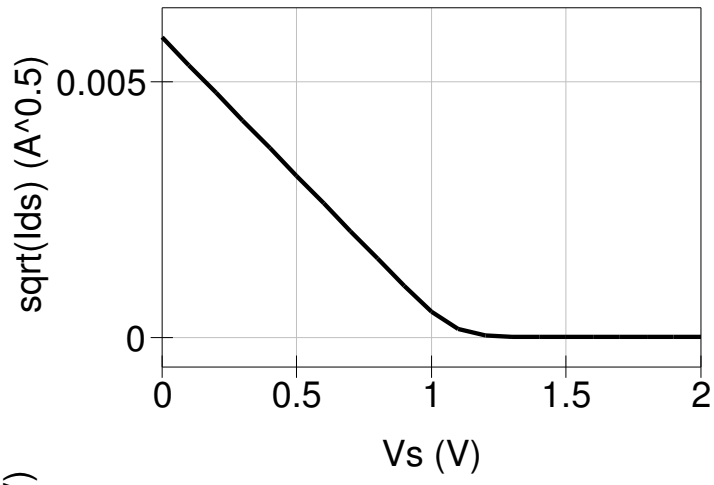


SW1
Sim=DC1
Type=lin
Param=Vs
Start=0
Stop=2
Points=21

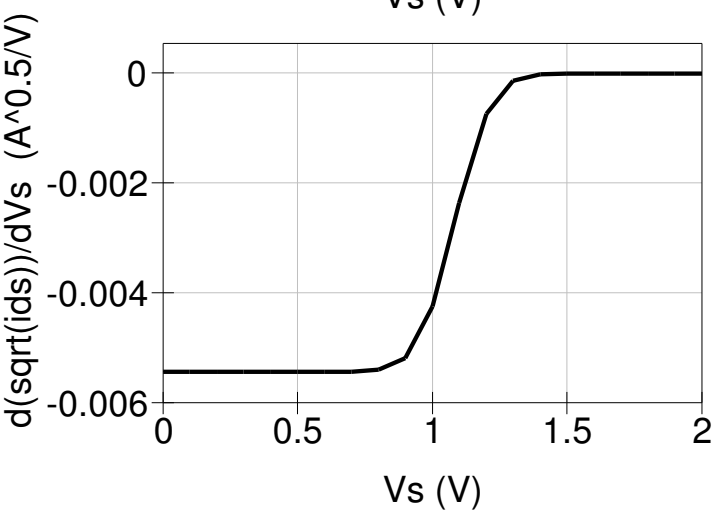


Equation

Eqn1
root_Id=sqrt(Ids.I)
Ispecific=(slope^2)*2*vt(300)*vt(300)
slope=-max(abs(diff_root_Id))
diff_root_Id=diff(root_Id, Vs)



number	slope	Ispecific
1	-0.00544	3.95e-08



Vs	root_Id	diff_root_Id
0	0.00588	-0.00544
0.1	0.00534	-0.00544
0.2	0.00479	-0.00544
0.3	0.00425	-0.00544
0.4	0.00371	-0.00544
0.5	0.00316	-0.00543