D: Fourized phosphopous dopourts Usa = 0.8 V U00=5V 49 V n well P-substrate

-

ID= lin Cox (Cos VIIIVos - 2 Vos) ID= 2 Cox (W) (Cors-VIII) (HIN Vos) Ucis Vsa len > lep Vthn > | Uthp | Vos > Usp Sati ID= lip Cox (Left) (Usa-Vind) Uso = 1/2 2 Vsp)
Sati ID= lip Cox (Left) (Usa-Vind) Vsp = 1/2 2 Vsp)
Left (Usa-Vind) Vsp = 1/2 1/2 2 Vsp)

when
$$U_{x} = 0$$

$$U_{DS} = 1V$$

$$U_{DS} = 1.9V$$

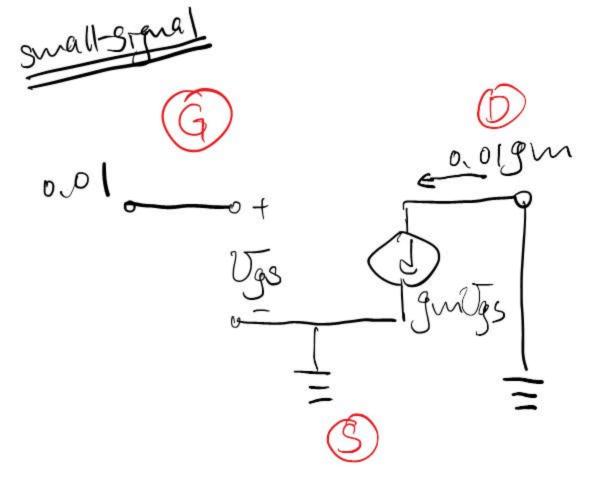
$$U_{DS} < U_{GS} = 0.7$$

$$(treade)$$

$$U_{DS} = 0.9V$$

NMOS VGS > VTH
FOO UDS = VOS-VTH M08 Vos MSat. Ges enco(10) (Vos-VTH) Teal Usa (VTH) (H7USD) (Cors-VTH) (HTVOS) ~ (VsatVard) Opiver Usp 10, (VEH) given Vas 1/20-1/TH V65-111

ID=?
$$D=?$$
 $V=0$
 $V=$



ID=?
$$id=?$$
 $V_{GS} = IV$
 $V_{DS} = IV$
 $V_{DS} = IV$
 $V_{GS} = IV$

