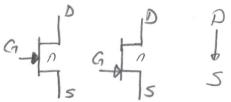
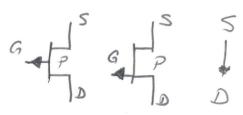
Devre Elevator 2 JPET n Korel





Formule

$$I_{D} = I_{DSS} \left[ 1 - \frac{V_{QS}}{V_{P}} \right]^{2} \left[ 1 + KV_{DS} \right]$$

X/of=/ X- got kage oldyounder DC Andrade thud editor.

Destler ou hale donager.

plus toma be derklan kallorder.

$$I_{D} = \frac{2I_{OSS}}{V\rho^{2}} \left[ V_{OS} \left[ V_{OS} - V_{\rho} \right] - \frac{V_{OS}^{2}}{2} \right]$$

-26to / De form ble dogued buttersinte kellerelv.

Vas(sout) = VGS-Vp => n kerel Vos(sot) = Vp - VBS => p korel

1 Lord 75th Solfeler Vos > Vas - Vp => Dogunda Vos < Vas-Up => Deprusel Boffede =) Kesinde Vp > UGS ise festade Vp > Vas-Vp Notal Vas=0 Pker Inex oken aka.

## n GPA SPET

0) Vas > Vp duch yoten solphoz. Derklader Soucende siter 2, Visi degessender be ordete de dur.

VGS < Vp duise JAET KESPINGER. keson sort Vas 50 olmes.

Note/ Planel OLVGSLVP Jobeli Positist O>VGS>VP Jobeli Negetif

Please son Dobeler

1/50 > 1/p - 1/65 => Dopundo

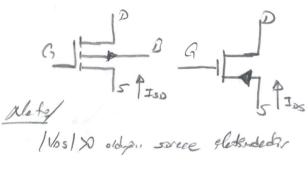
Vso / Vp - Vas => Deprisel Bölpede

Cotour dogund pli got tate ( et Dogunda esc goton dere Depole Deposel Joye Ash tekner

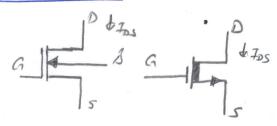
Note SPETHE IGED (hur zon) Devide ser dusz Voste epitalw.

MOSTET (EMOSTET)
n kord sembel & 5'4e ekr G B G D Fas

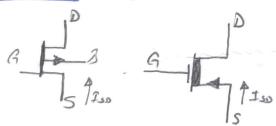
P Karl sental S-DD'e dem



DMOSFET
n karel sembol



P sendel (kool)



Formaller

N-> Mosfel

- 10=Kn 2 (VGS-VIN) VOS- VOS] Vos / Vos (sof) -> Degrusol Delquede

- ID=Kn (Vas-Vin) (1+KVos) VDS > VDS(Sat) -> DODON Dolpes? (Goreld AR Brelode by World)

- Voskat = VGS-VZI-> Gesis Noctasi

Noto Geses Nottosin kentrelet Voskat) in dicomuna gore to downless kullen

X/0+3/ De dralasse / Phueledolar. Al'de kullander.

+ Vzn >0 pse Enhacement E Mosfef

- Vm <0 se Deplation D Mosfet

 $- K_0 = \frac{\mu_0 C_{0x}}{2} \cdot \frac{w}{L}$ W = Korel perslips L = Kael boyo

- Cox = Eox tox= OksP tobokam kalentyo1 Eox = Dielettiek solete

A- Mostel

- Io = Kp [2(VBG+ VTp) V50 - V50] VSD < VSD(sat) -> Doprosal Adject

- ID=Kp [(1/5G+V7p) (1+XV5D)] Vso > Vso (sat) -> Dayun Dolper?

- Vso(sat) = Vsg + VTP -7 Geges xlockessi

- VTP <0 Enhacement E Mostet

- Up >0 Deplation

D Mosfet

 $- k_p = \frac{M_{0p}}{2} \cdot \frac{W}{L}$ 

W = Korel Gerislyo. L = Karel Days

Dulk He Source by voltage objectives a Vow voltage depix &

VTN= VTO + Y[V201+VSB - V201

Tresof Vollegi

Delosted 75% killowlar diper

Motol D. Formille Deplation Mosfet 1577 kullender. - Dez be formiller bestlemagneget.

- V7N -> Vp

- ID = Kn (VGS=Vp)2

FD = Kn (-Vp) (1- 465)2

- Joss = Kn (- Up)2

 $- K_0 = \frac{2055}{V_p^2}$ 

Note / 1/65'ns kreles bulundeten sonra

p knel ve a tonel sinde dese volgs

p knel

Note Vasinh kokler bulletten some hopi koka, sesplegge believed som sodler expender.

Nos > Vas-Uzw Vso > Vsa+Vz

3