



TA 503

















































































nFET 
$$I_{DS} \approx k'_n \frac{W}{L} (V_{GS} - V_{Tn}) V_{DS} = \beta_n (V_{GS} - V_{Tn}) V_{DS}$$

$$= \Gamma ia \, \delta o \sigma \mu \acute{e} v \circ V_{GS} : \text{To } I_{DS} \, \acute{e} i v a i \, a v \acute{a} \lambda o \gamma o \\ \text{To } V_{DS} : \Gamma PAMMIKH \, \Sigma X E \Sigma H$$

$$= \text{To } \tau \rho a v \zeta (\sigma \tau o \rho \text{ MOS } \sigma u \mu \pi \epsilon \rho i \phi \acute{e} \rho \epsilon \tau a i \\ \sigma a v \, \omega \mu i \kappa \acute{o} \varsigma \, a v \tau i \sigma \tau \acute{a} \tau \eta \varsigma$$

$$= \frac{V_{DS}}{I_{DS}} = \frac{1}{\beta_n (V_{GS} - V_{Tn})}$$



















