Mosfets And Amplifiers

nmos device	,
io	↓

i 0 =

o Cutoff:

o Saturation :

[not linear]

OTriode:

Lonegiect Since very small. oVoltage transfer Characteristic.8

O Edge of Saturation:

2 (1 ROK'n 2)

$$V_{GS} - Vt = \sqrt{1 + 2 \left(R_0 \, \text{kin} \, \frac{\omega}{L} \, \text{voo} \right)^2 - 1}$$

$$R_0 \, \text{kin} \, \frac{\omega}{L}$$

