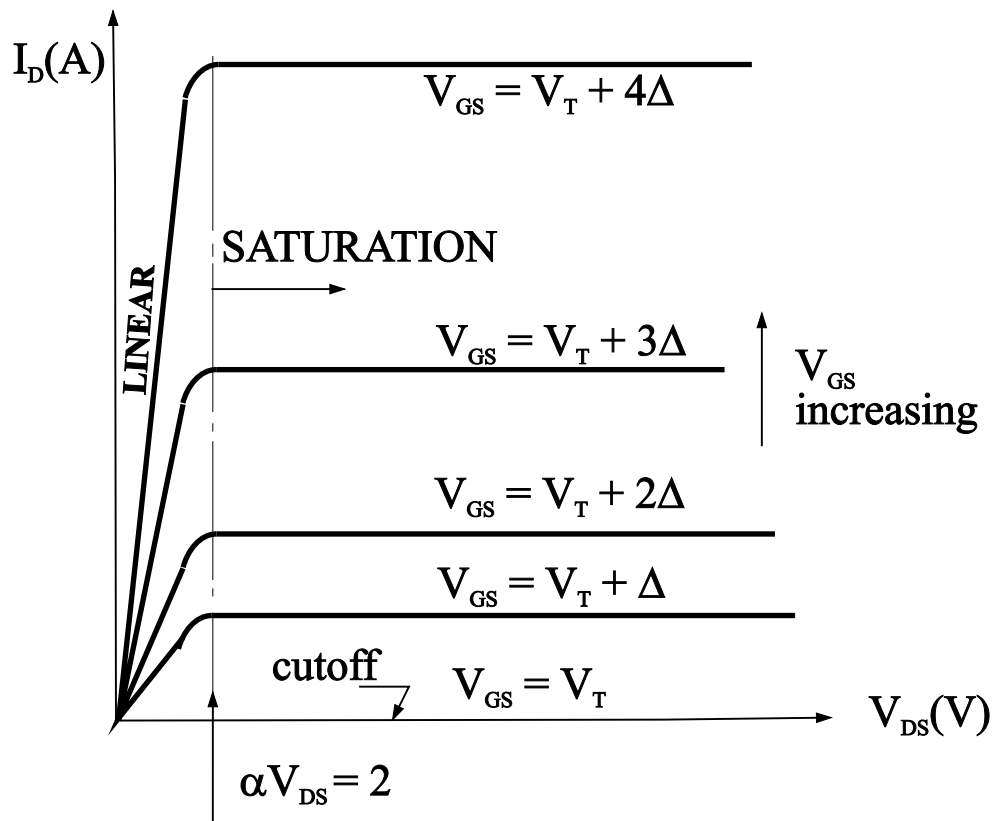


# MESFET I-V CHARACTERISTICS



$$I_D = \beta(\text{SQUARE LAW})(\text{SLOPE})\tanh\alpha V_{DS}$$

Where

$$\text{SQUARE LAW} = (1 - V_{GS})^2$$

$$\text{SLOPE} = 1 + \lambda V_{DS}$$