

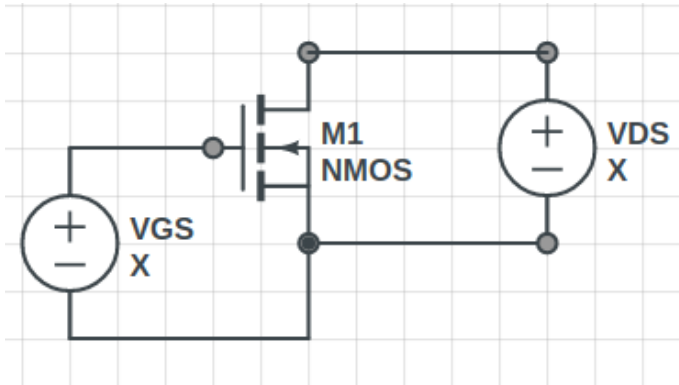
ASSIGNMENT 3

AIM:

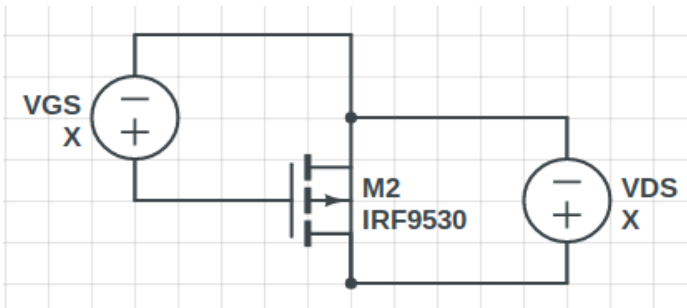
To plot transfer characteristics of NMOS and PMOS transistors for different V_{gs} and V_{ds} .

CIRCUIT:

1. NMOS

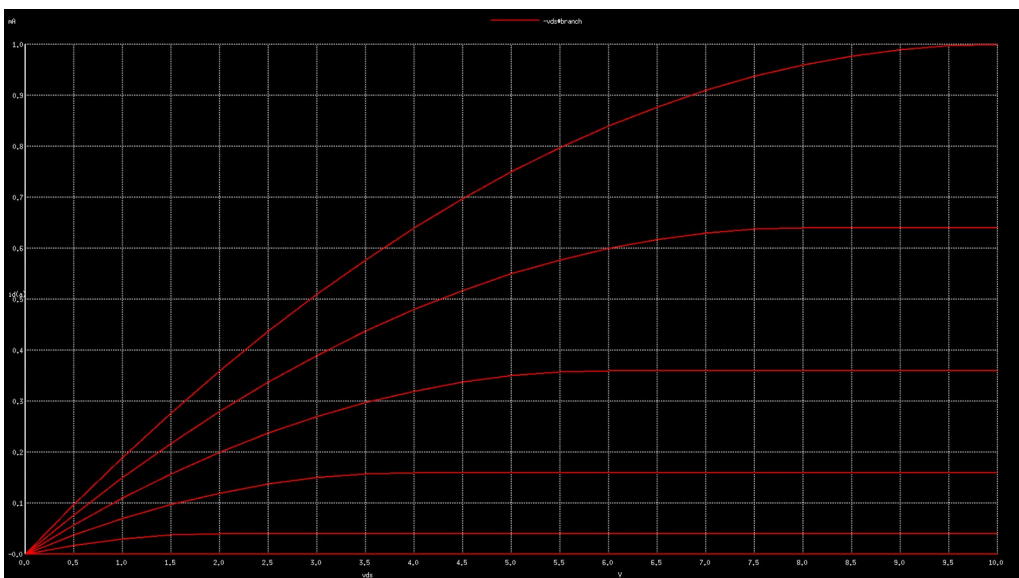


2. PMOS

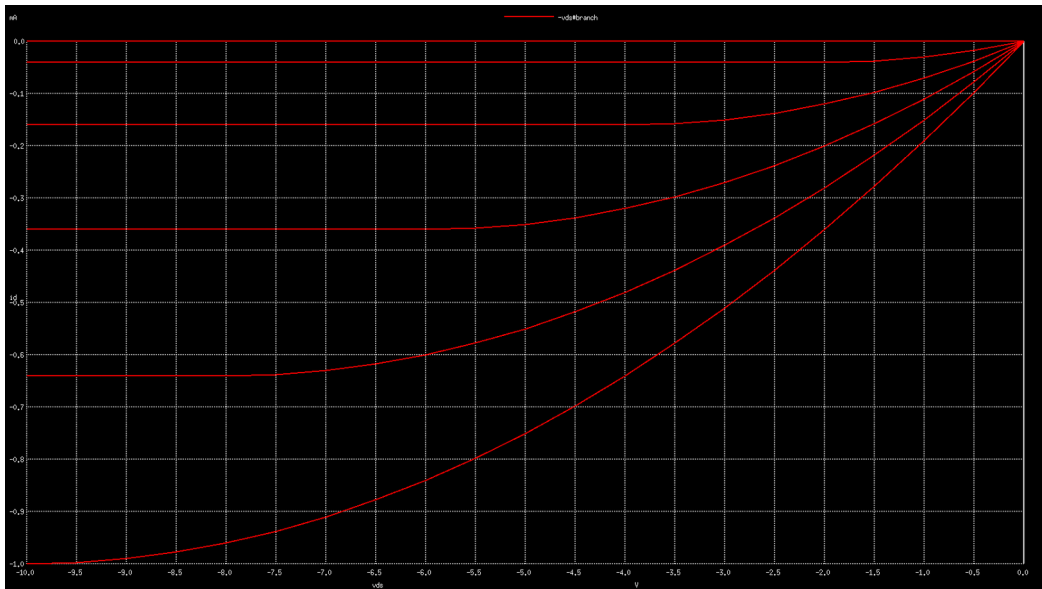


OBSERVATIONS:

1. NMOS Transfer Characteristics



2. PMOS Transfer Characteristics



CONCLUSION:

Default NMOS and PMOS configurations were used and the transfer function graph matched the theoretical analysis.