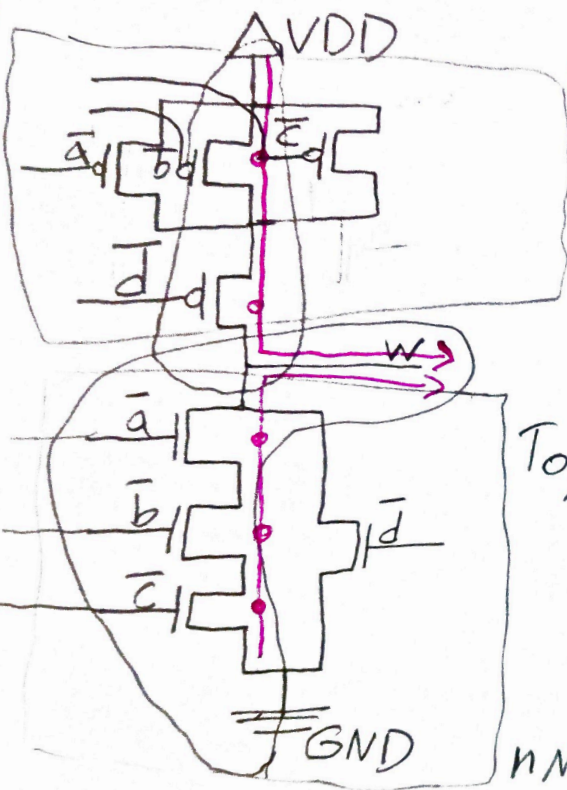


$$f = (a + b + c)d = \bar{a}\bar{b}\bar{c} + d$$

99963182 اساتذہ محترم



PMOS (<sup>To1</sup>6, <sup>To2</sup>7, <sup>To3</sup>8)

$$T_{01} = 6 + 6 = 12$$

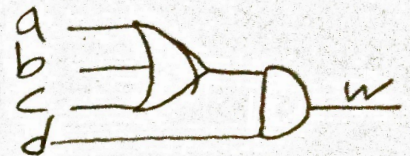
-10

1 اس

+15

$$T_{0\phi} = 5 + 5 + 5 = 15$$

-10



NMOS (<sup>To1</sup>4, <sup>To2</sup>5, <sup>To3</sup>6)

-5 for inverted inputs