Logic Families

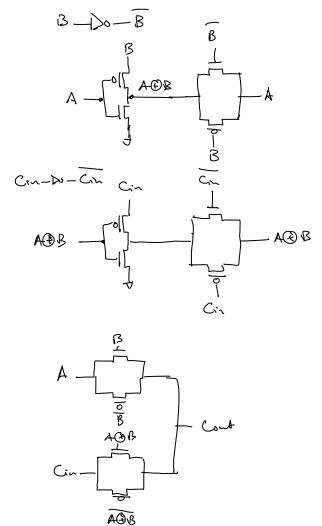
Friday, March 19, 2010 08:50

Transmission (uck (T-gate)

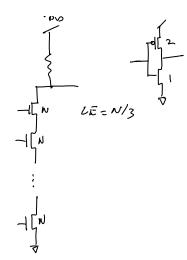
Adders!

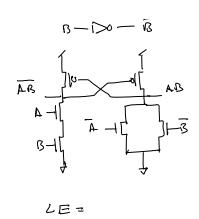
$$S = A \oplus B \oplus Cin$$

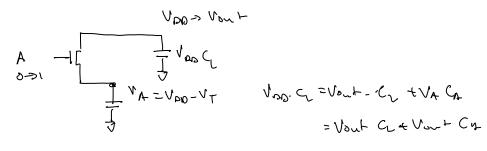
Cout = AB + Acine B Cin = AB + Cin (A+B)



V_____







$$\frac{V_{00}C_{L}}{C_{L}+C_{M}} = V_{0u}+$$

$$\delta V = V_{00}-V_{0}+$$

$$\delta V = \frac{C_{M}}{C_{M}+C_{L}}V_{00}$$