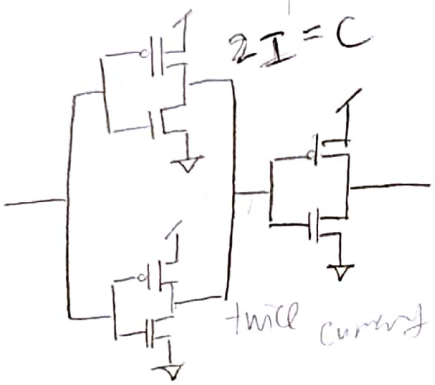
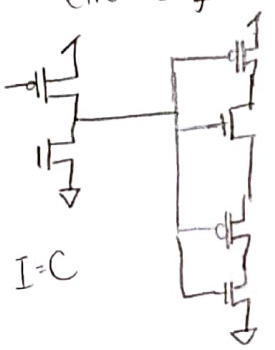
Colleen Lay
Feb 9, 2018
EE 307 HW5

1.
a) Circuit 1

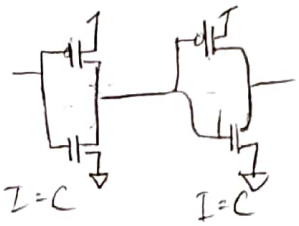


$\tau = 2 \times N \times t_p$

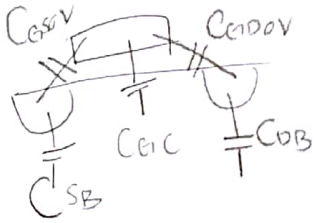
Circuit 2 $2I=C$



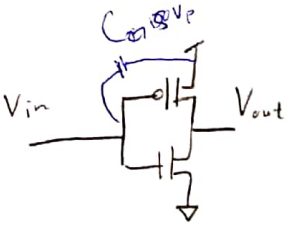
Circuit 2



1.a) Circuit 1 fastest
Circuit 2 middle speed
Circuit 3 slowest



b)



$C = 2C_{GSOV_P} + C_{GCP} + 2C_{GDOVP}$ gate
$+ C_{GSOVN} + C_{GCN} + 2C_{GDOVN}$

c)

Scanned by CamScanner