

4-2-13

Lec 13

* Systematic Mismatch

1) Process variations

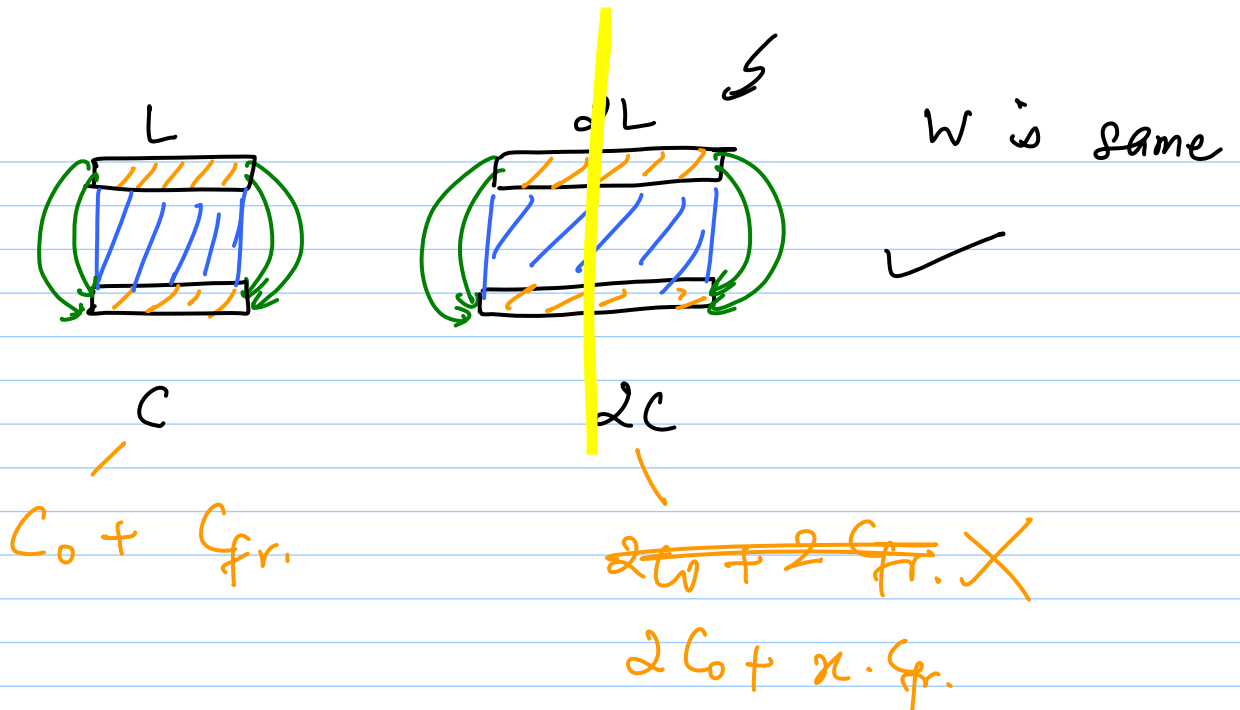
— mask alignment

— Diffusion of n, p-well, S/D diff.
(process gradient)

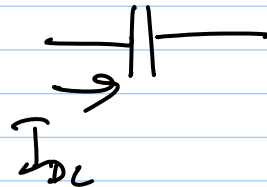
2) temperature

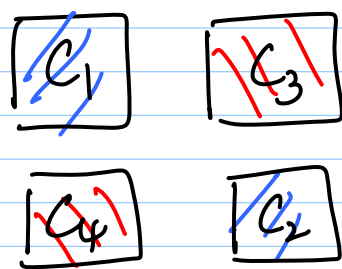
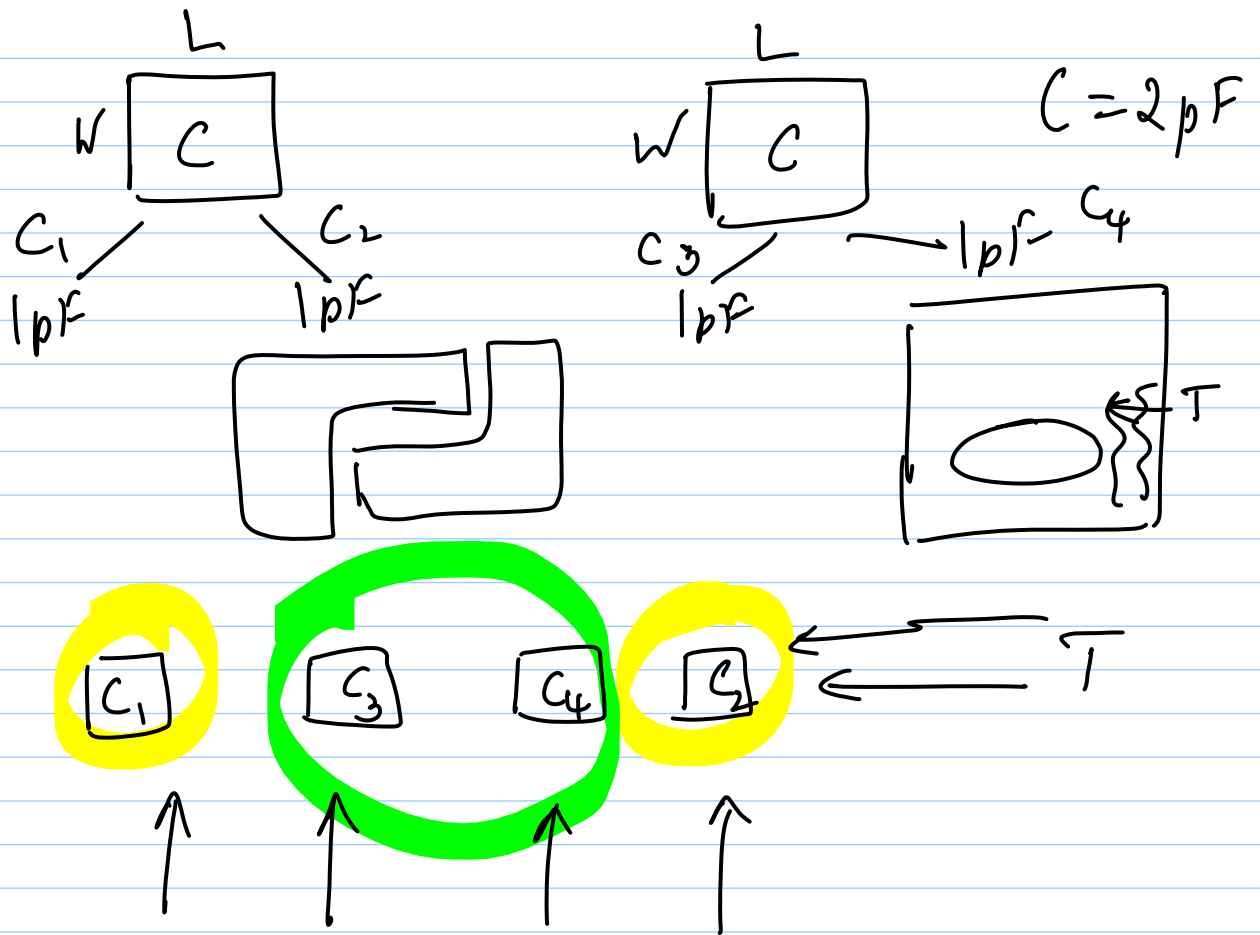
R & $2R$

C & $2C$

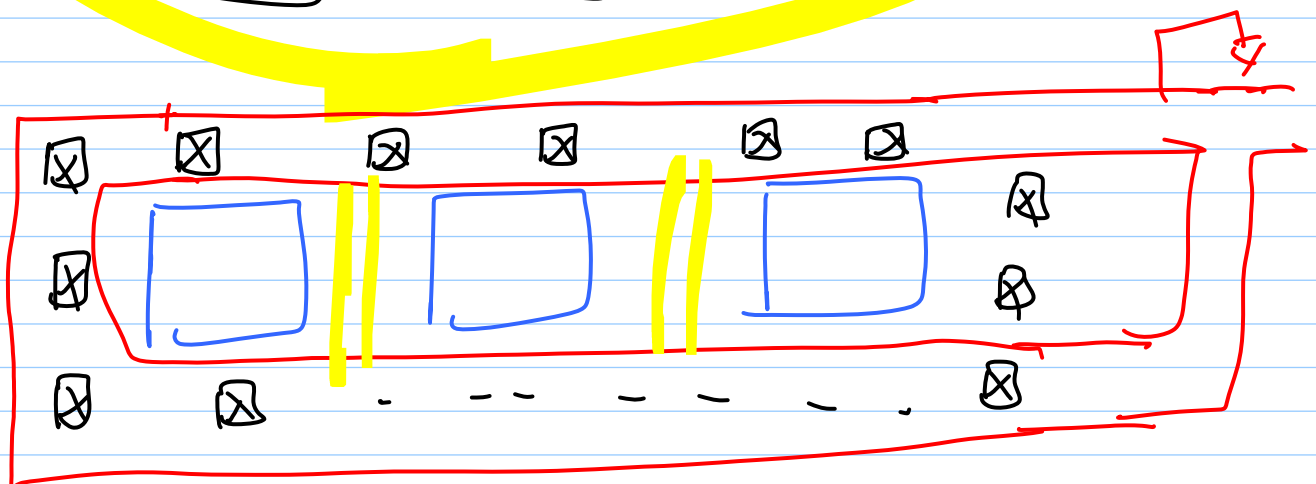
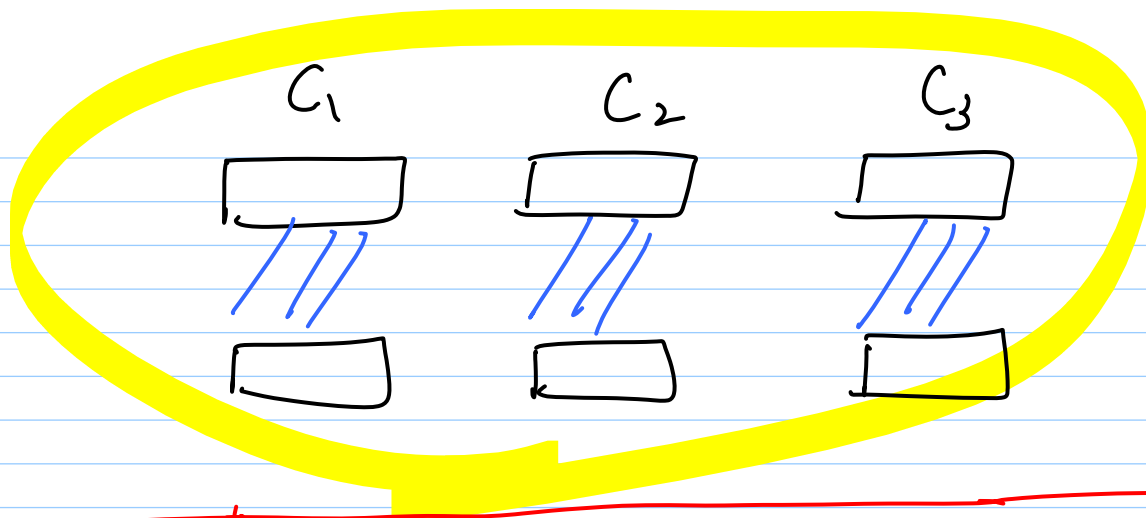
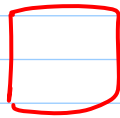
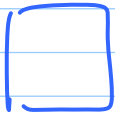
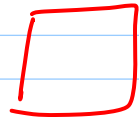
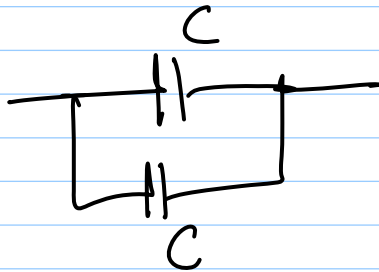
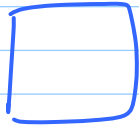
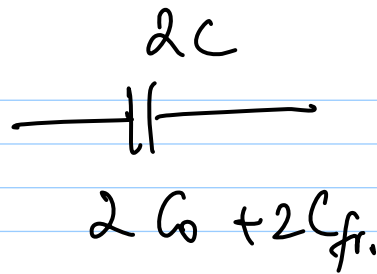
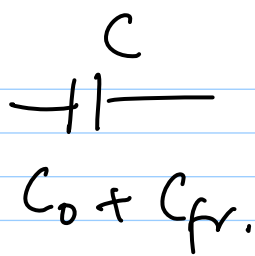


$$I = f(V)$$





Common Centroid
Layout



* Should have the same environment

