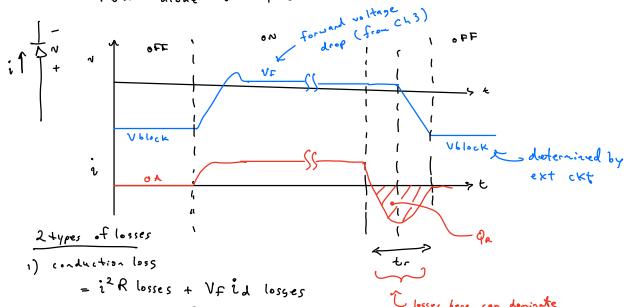
Lecture # 14 11/1/2021

Today

-> Finish RR disde loss

-> Transistors

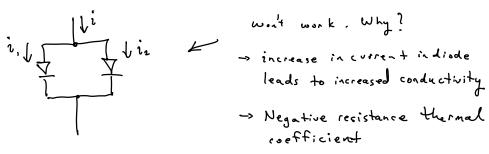
sw. eycle (both on \$.ff) - Full diode



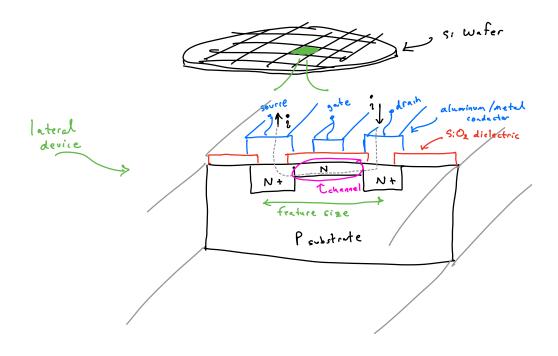
2) switching loss & fs

T losses here can dominate at high fo

- o Other issues in book
 - Ringing . Resonance w/ L's & C's in rest of ckt. Can be caused by AR transent ... can cause higher losses.
 - Dioder are hard parallelize

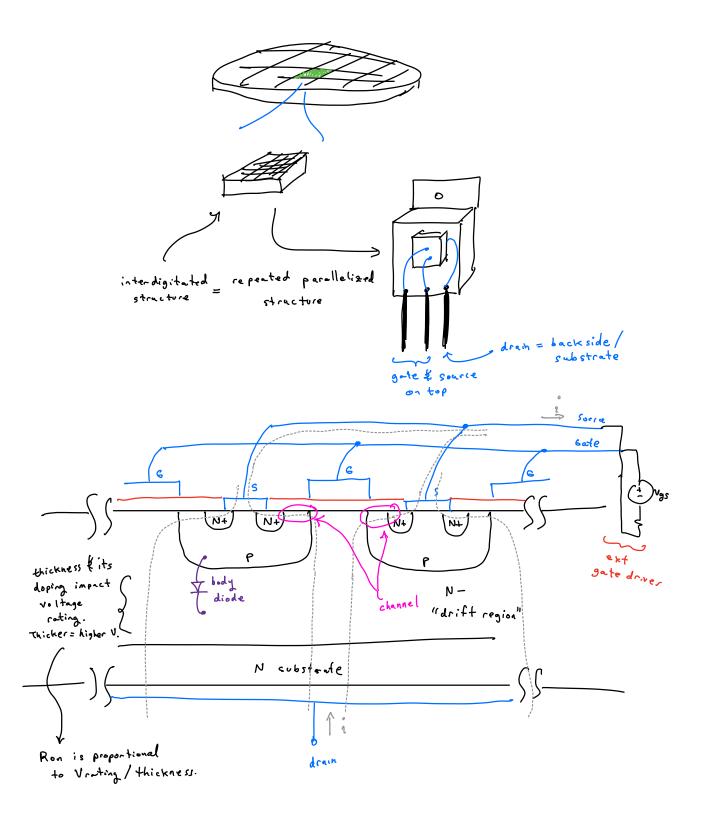


- one diode will hog current

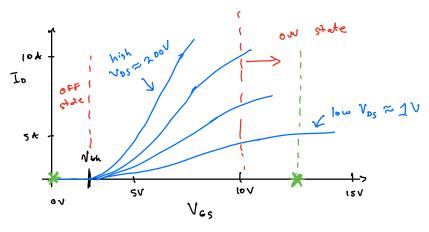


- Fecture 5.2e is small -> hard to use for higher voltages .. can get arcing/discharge between drain, gete, source
- · One exception

 -> Gan MosfET,



Curves from pest class (es)



- Capacitanies in MOSFET

