Review of FETS

FET G O

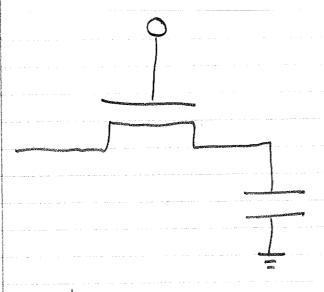
- = High input impedance at gate
- 2 Uses electric field (not current)
 to manipulate conduction band between
 Source and Orain

Concerned with two polarities:

ISRAM (state ma closed, M3 alosed, so Q high. To write, over-power previous state to refresh

DRAM

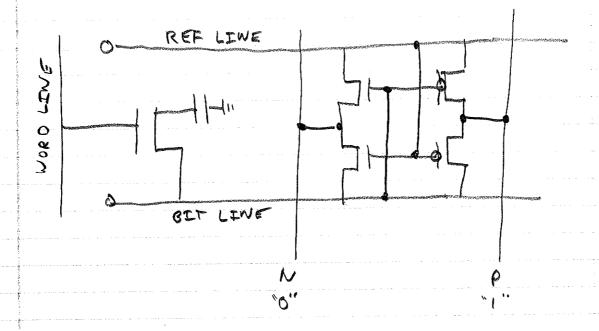
Dynamic RAM



Bit stored on capacitor ... leaks!

-> "dynamic" requires constant retresh.

=> Also repaires
"Differential Jense Amplification"



Now the beauty: rend als refresher

Q! This required of transistors,
but SRAM uses 4 ...

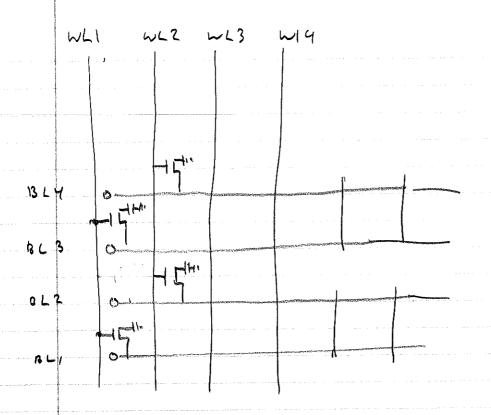
A: Multiplexiz

None of the state of the state

Heres bearty

- Rectures Cup

Buffers Output



-> Rawre read lactrest transistors many times by multiplexing.

-7 Cools read circuit also acts as

Flash Memory Floating Gale travistor lit is stored in Fig. as anough of charge. Serve by applying positive voltage to CG (Non Consustance) (1)(0)

Inject Electrons (1 -2 0)

Variete

OV-O-3 Varite

NUR /NAWD Flish (Serve) Acts like 4 NOR MAND BIT LINE Set all but one WL high enough to enjure conductivity. Set probe UL to Vrad" Bit line pulled high or long depending

