

Administrivia

- Typed lecture notes
- THANKS VIJAY FOR TYPING HW #5!

Last time...

- Device physics and IC fabrication
 - Further examples in next lecture and homework #6
- Using SIMPLer

This time...

- Practical transistor circuit - constant current source
- PMOS transistors
 - IC Model and circuit symbol
 - IV characteristics
- CMOS inverter
 - Why the CMOS inverter?
 - Analysis of the inverter circuit
- References: Lectures 16 and 21 from Spring 2003