





















 For a given MOSFET fabrication process technology, the following parameters are known: V_T (~0.5 V) C_{ox} and k' (<0.001 A/V²) V_{DSAT} (≤ 1 V) λ (≤ 0.1 V⁻¹) 				
Example R_{aa} values for 0.25 µm technology (W = L):				
$V_{DD}(\mathbf{V})$	1	1.5	2	2.5
NMOS ($k\Omega$)	35	19	15	13
ΡΜΟδ (kΩ)	115	55	38	31
How can R _{eq} be decreased? EE40 Summer 2005: Lecture 13 Instructor: Octavian Florescu 12				















































