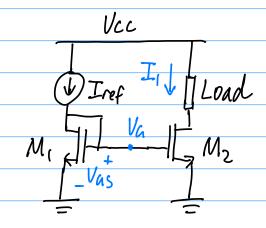
MOSFET current mirror



Assume matching transistors.

At M_r : Iref = $K(V_{as} - V_{TH})^2$ At M_z : $I_1 = K(V_{as} - V_{TH})^2$.

By the assumption of matched transistors, the RHS expressions are equal.

 $Iref = I_1$.