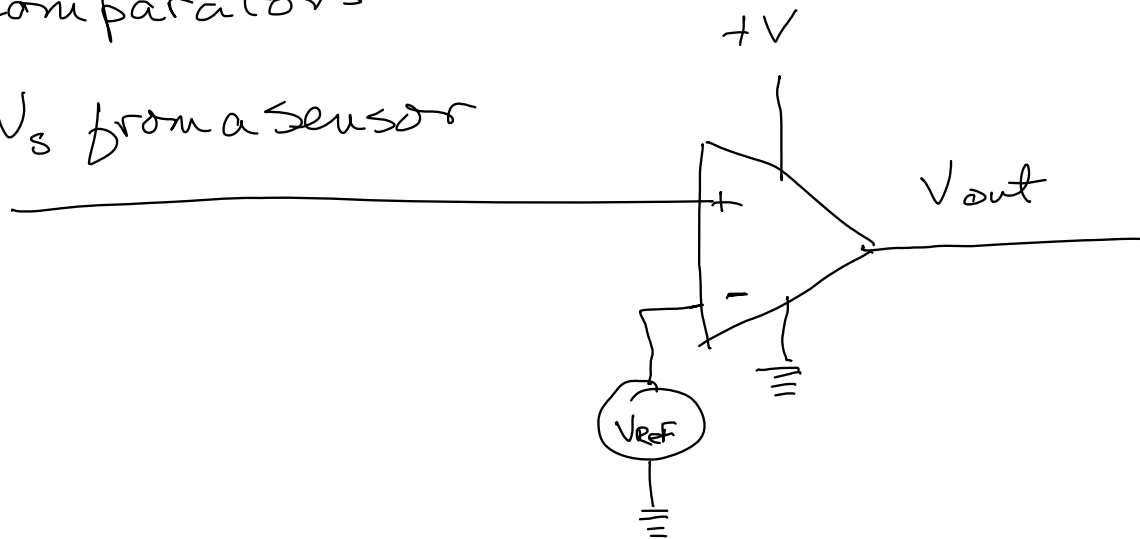


Comparator

V_s from a sensor



$V_{out} = 0$ when $V_s < V_{ref}$
 $V_{out} = V$ when $V_s \geq V_{ref}$