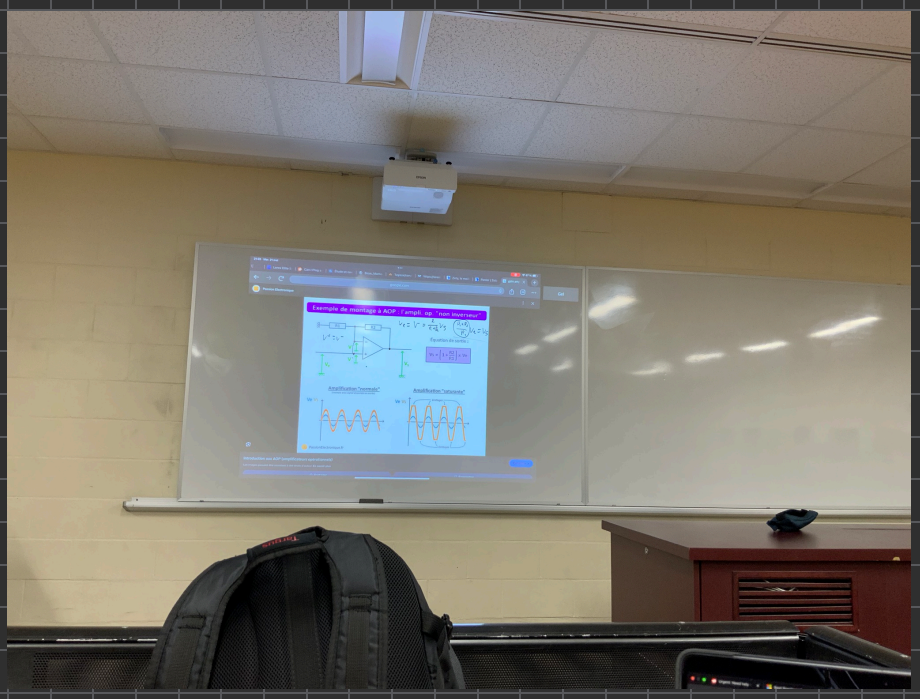
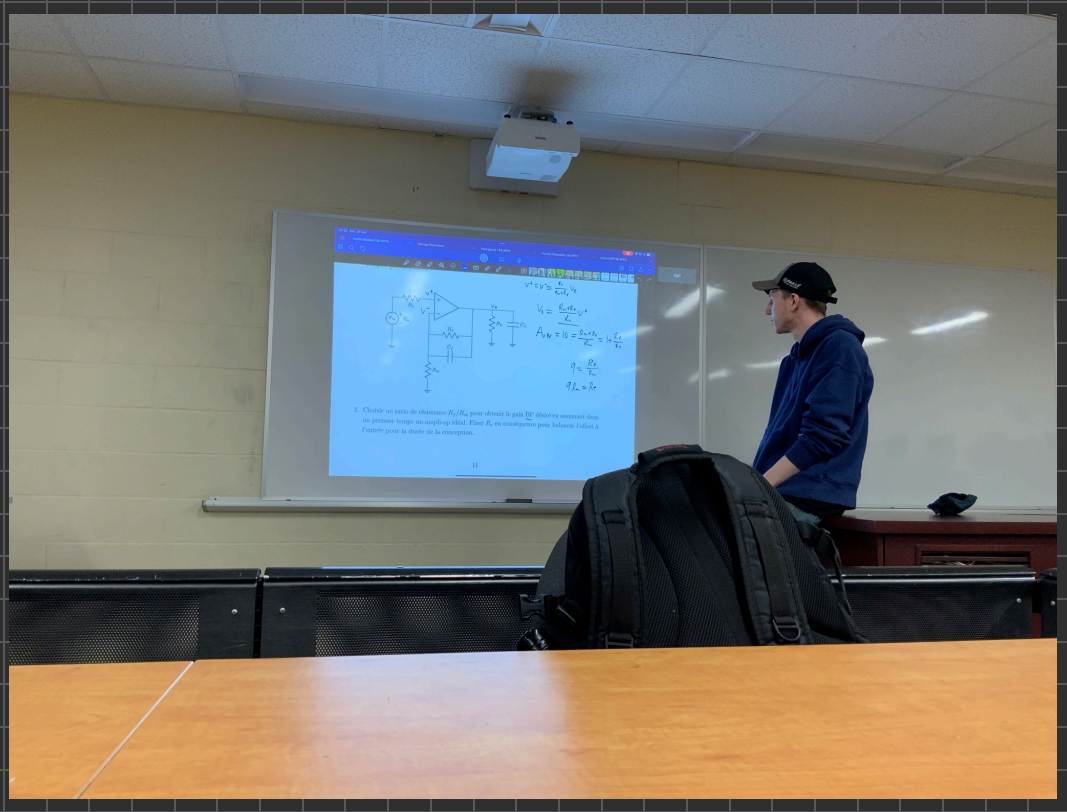
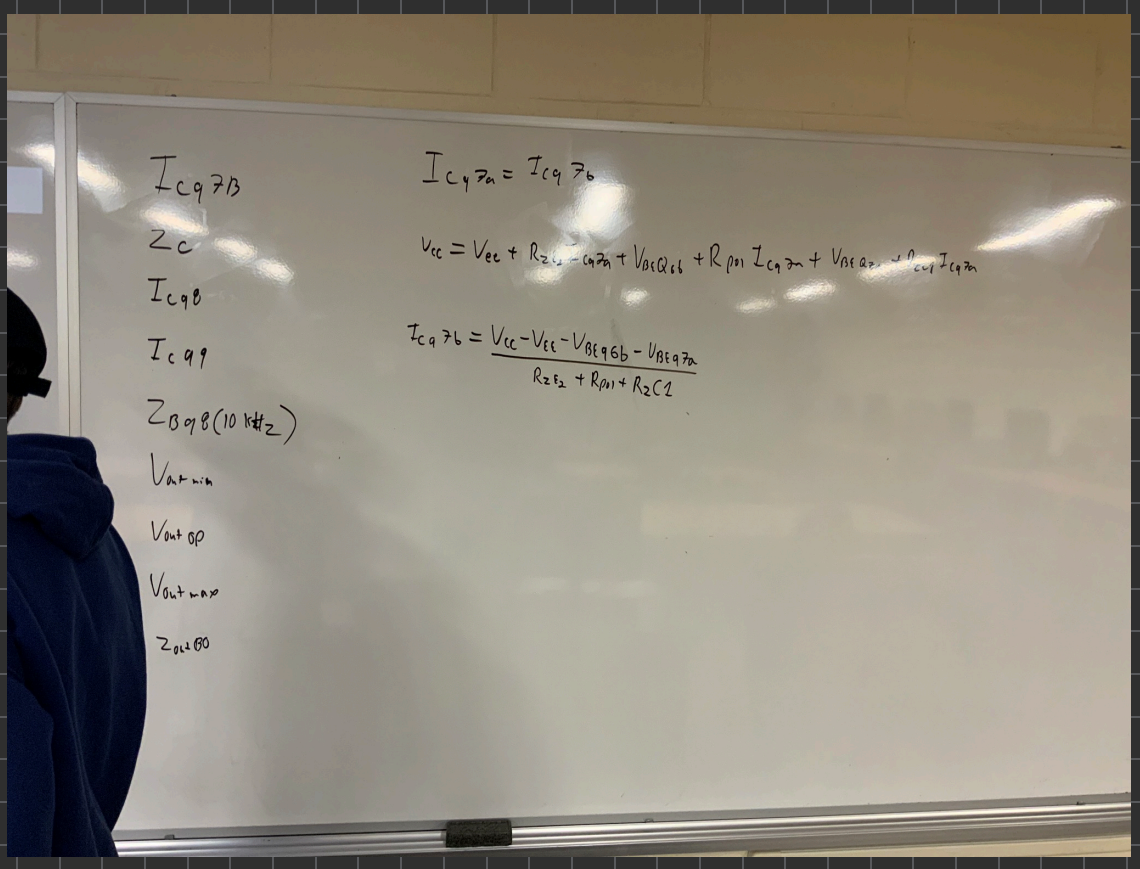


Rappel ampli-op



analyse depart



3:eme étage - étage « push-pull »

I_{CQ7b}
$Z_{com\ Q7b}$
I_{CQ7a}
I_{CQ9}
$Z_{com\ Q9}$

I_{CQ7}

$V_{CC} = V_{ee} + R_{EE3}I + V_{EBQ6b} + R_{M}I + V_{EBQ7a} + R_{C1}I$

$I_{CQ7} = \dfrac{V_{CC} - V_{ee} - V_{EBQ6} - V_{EBQ7a}}{R_{EE3} + R_{M} + R_{C1}}$

$Z_{com\ Q7a}$