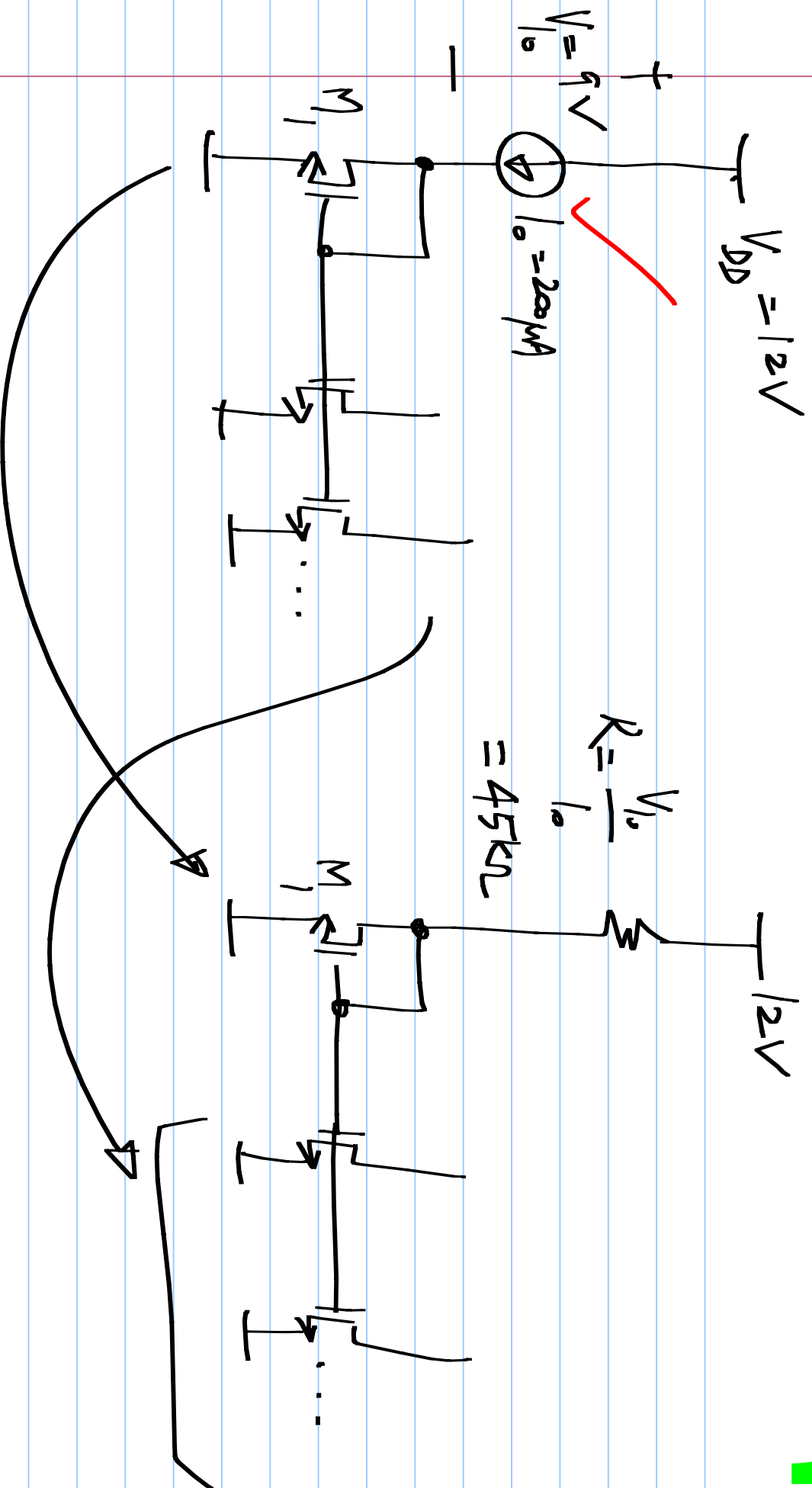
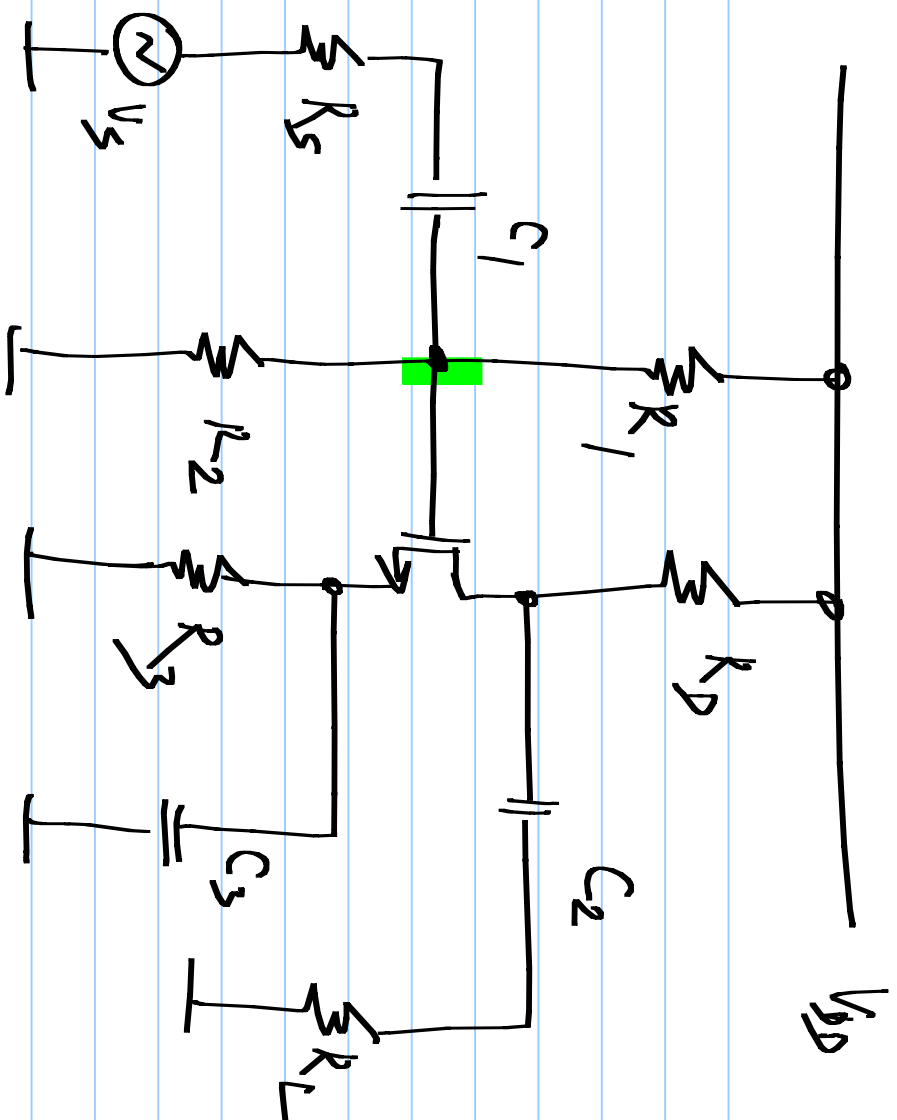
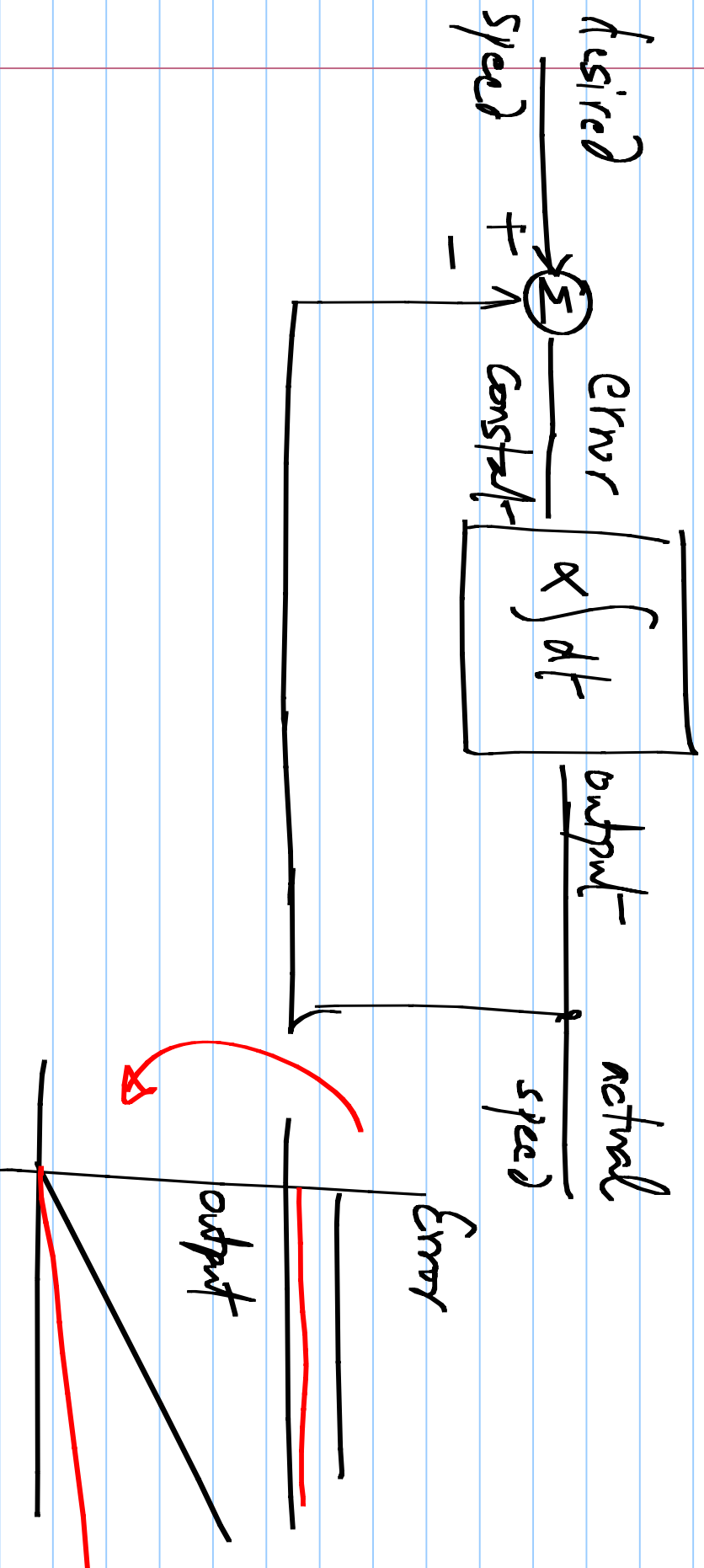






Negative feedback control.

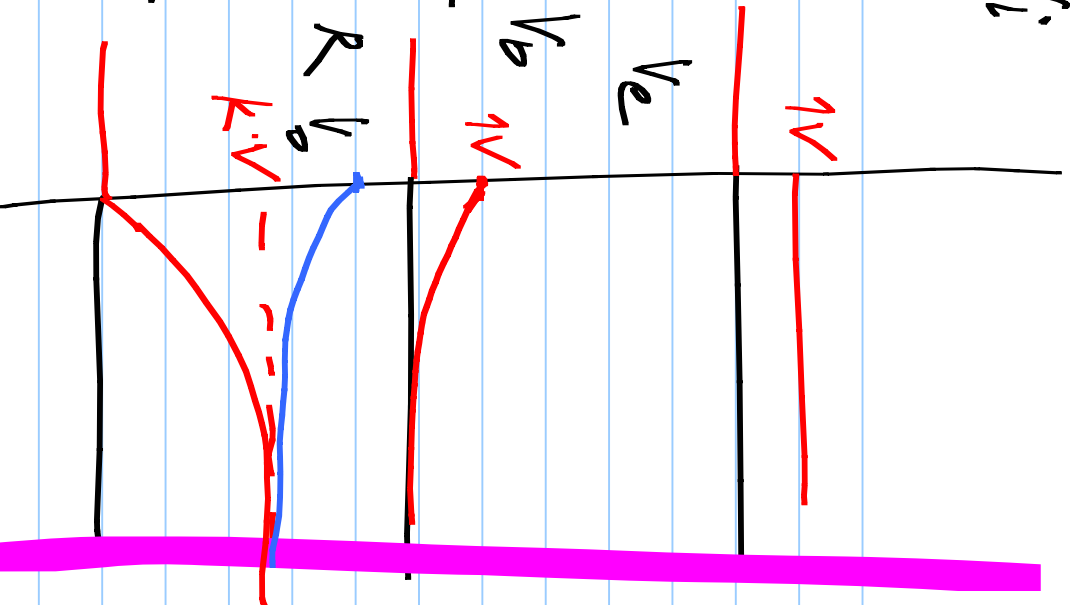
$$V_o = K V_i$$



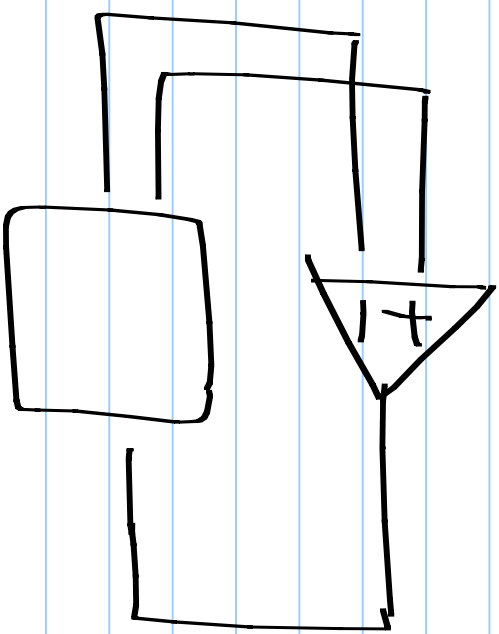
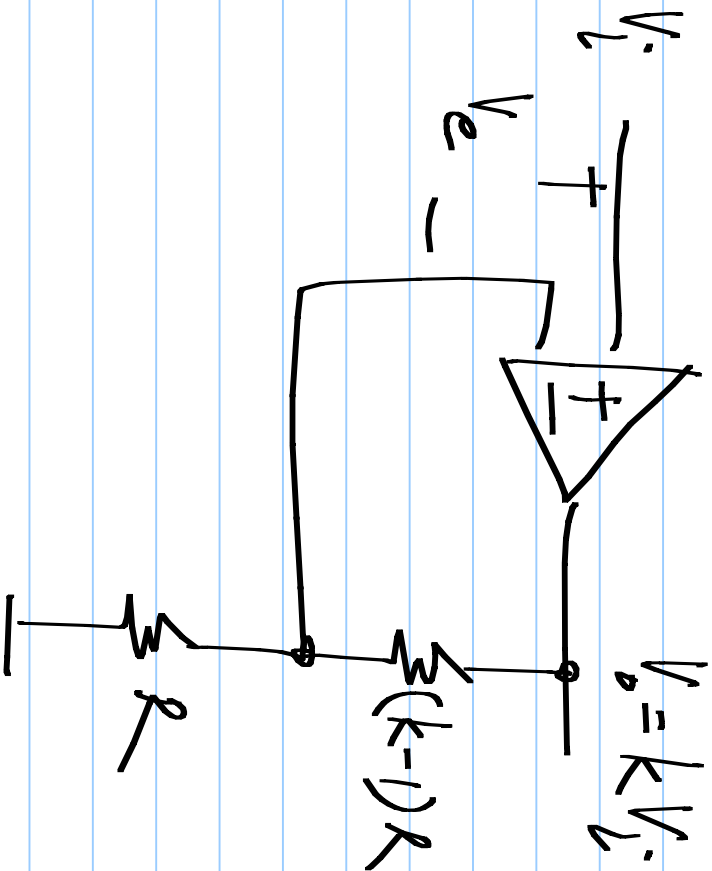
✓

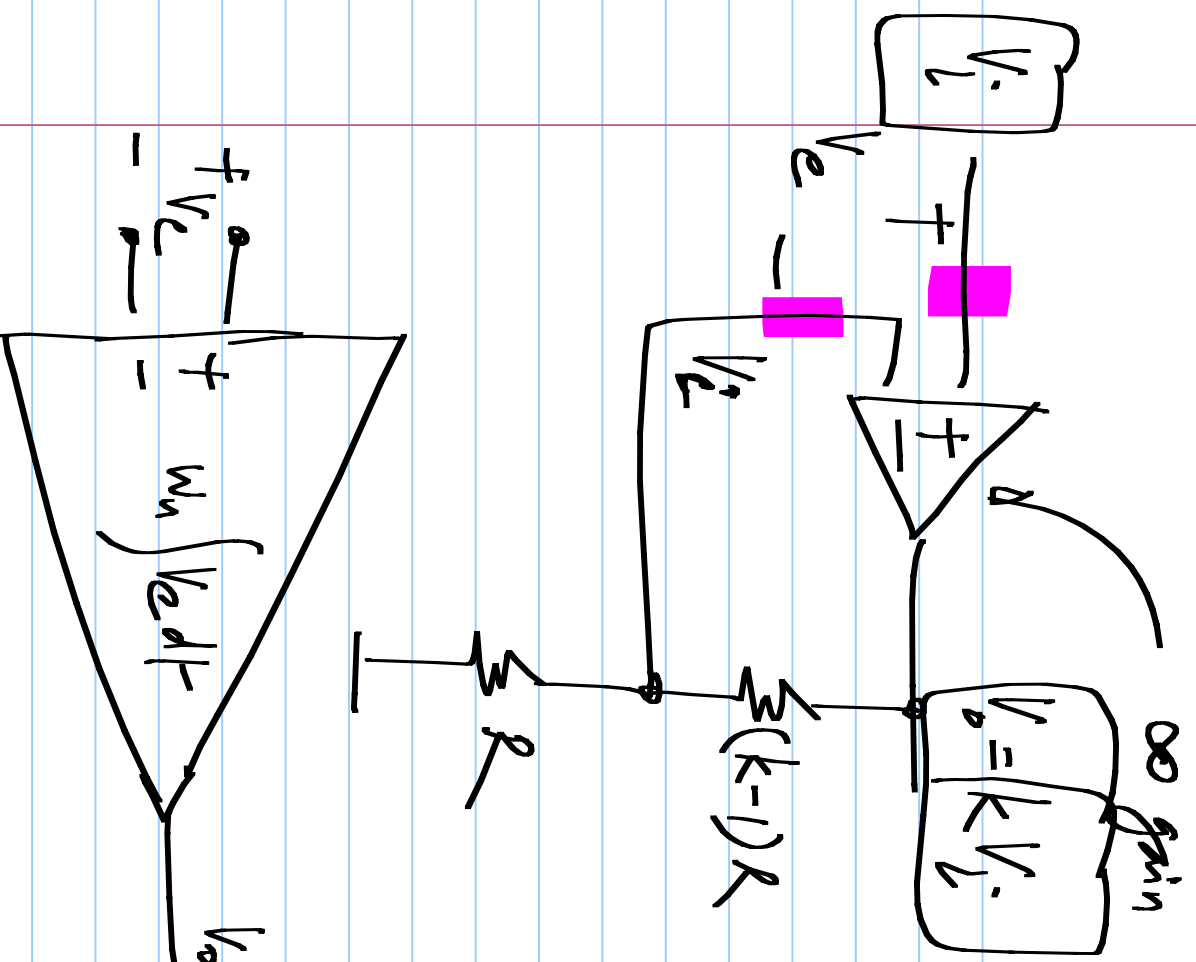


下



Op-amp; take the difference between two voltages & integrate





As. very large $\rightarrow \infty$

* opamp $\equiv$ integrator

* input voltage $V_e = 0$
 { steady state; dc inputs }

* only when the opamp
 is / in -ve feedback

* virtual shorted inputs

