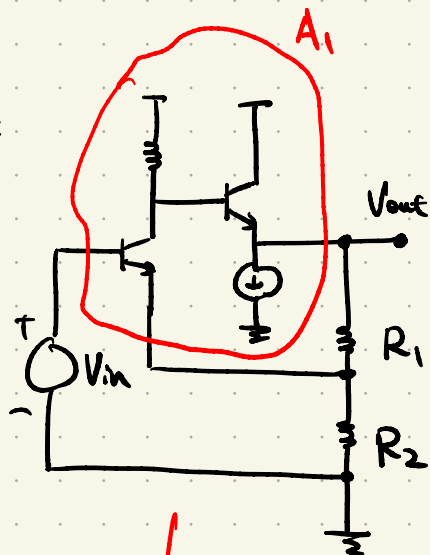
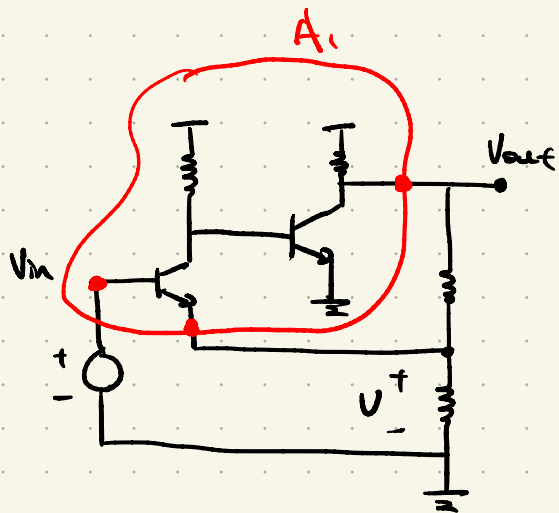
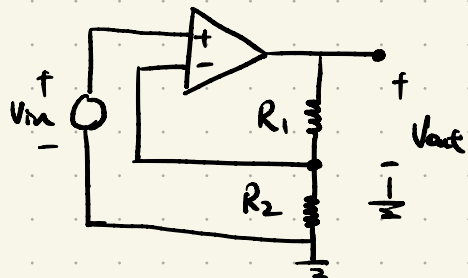


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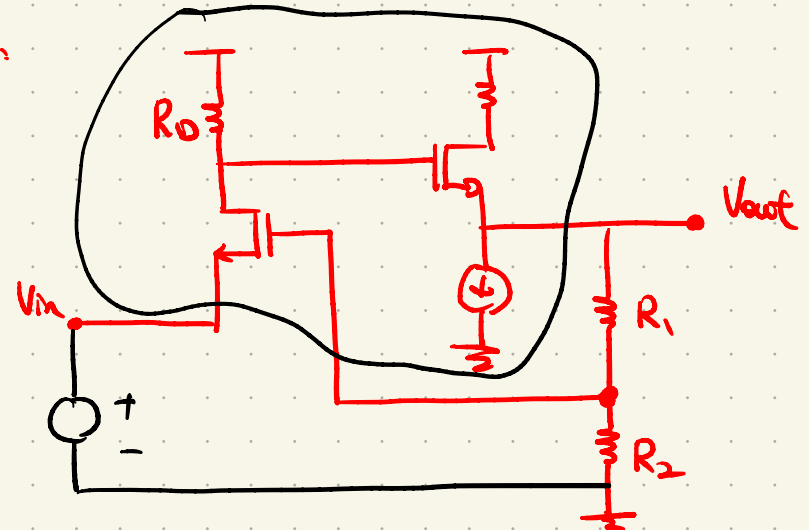
- Feedback Circuit Examples
- Sign of Feedback
- Intro. to Four Feedback Topologies

Examples

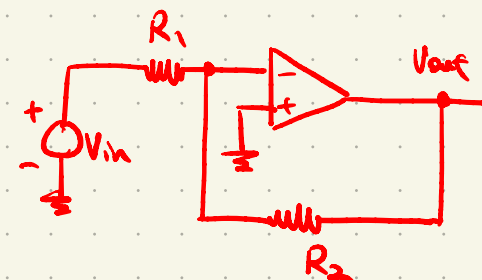
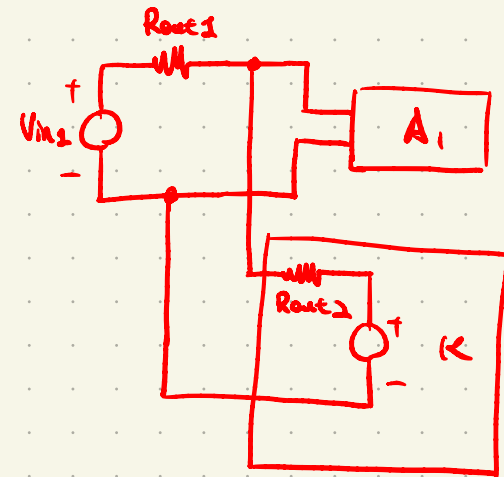
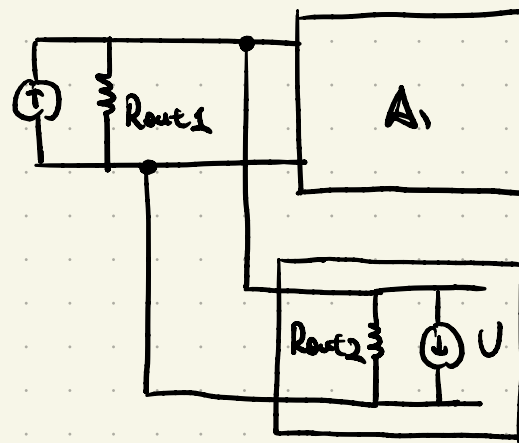
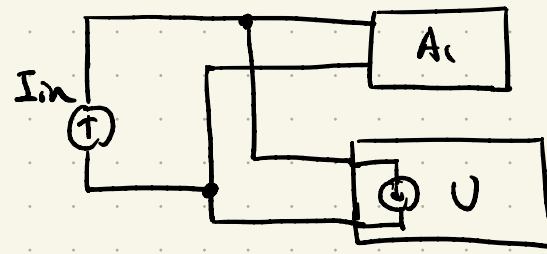


Feedback is Positive

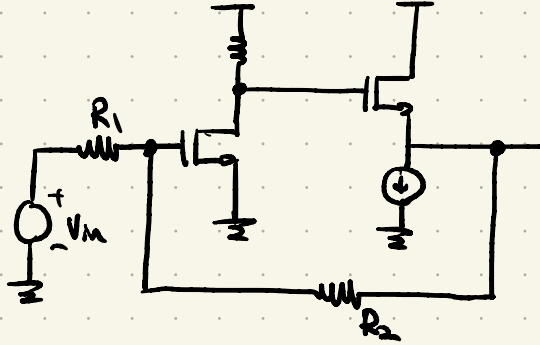
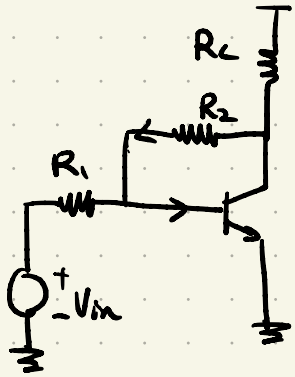
Q.



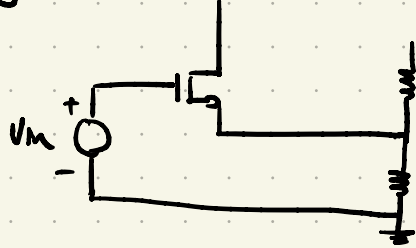
How do we return a current?



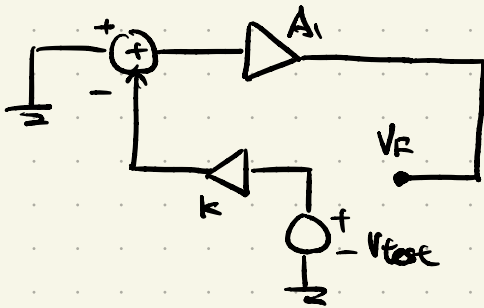
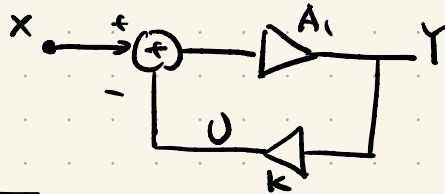
Example



Adding voltages:

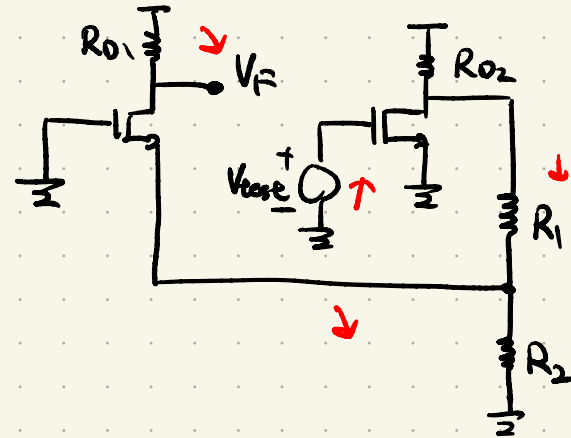
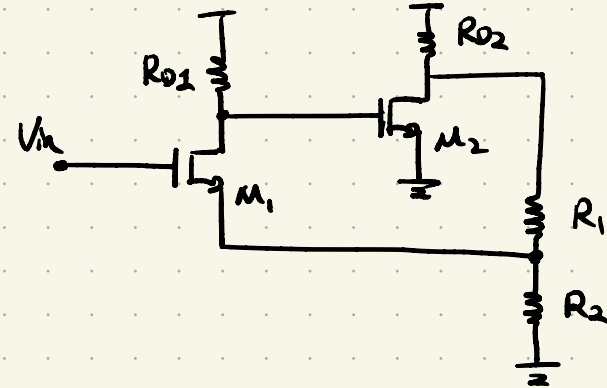


Sign of Feedback,



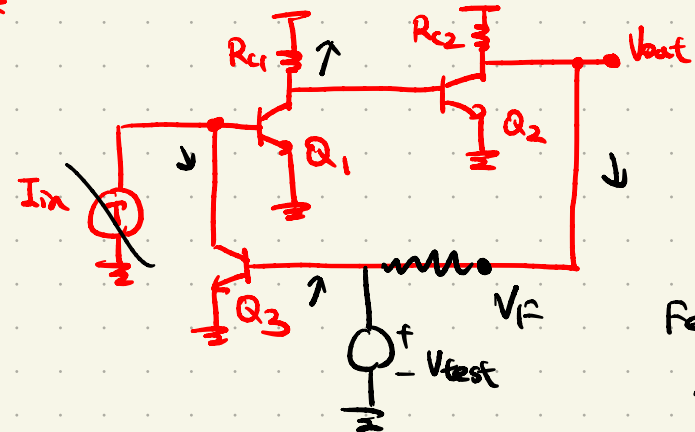
$$\frac{V_F}{V_{test}} < 0 \Rightarrow \text{feedback is negative}$$

Example



Feedback is Negative

Ques 2



Feedback is Negative