



Let the O/P of A1= V_{01} then the O/P of A2= $(R_4/R_3)V_{01}$

Voltage coming at the I/P of A1. For this kill the source V_i that is $V_i=0$ and apply voltage divider concept then the voltage at I/P of A1 will be $(R_4/R_3)V_{01} * R_1 / (R_1 + R_2)$.

For negative feedback to exist phase shift around the loop must be 180. (Please correct me if I am wrong)

So for A2 I/P is "-" sign and A1 I/P is "+" sign.

May I know this approach is correct or not