$$Q_{13} = V_1 C_5$$
 $Q_{53} = 0$
 $V_x = 0$ $V_s = V_1 - V_x = V_1$
 $Q_{55} = V_1 C_5$ $Q_{15} = Q_{13} = V_1 C_5$

$$Q_{55} = V_{1}C_{5}$$

$$Q_{55} = V_{1}C_{5}$$

$$Q_{5} = V_{1}C_{5}$$

$$Q_{5}$$

The result is interesting because first, it's not dependent on the relative values of Cy and Cs, that is Cs and Cy don't apprear in the gain equation. Second it's intesting became it's non-inverting. If the switches are good and the capacitors aren't leaky this is a need way to get a precision relain