The behavior of operational amplifier circuits with capacitive feedback can be troublesome because of bias currents and offsets that lead to charging of the capacitor. Using higher-quality op-amps, e.g., LF411’s instead of 741’s, can solve some of these difficulties.

Another step is to connect compensation resistors to the non-inverting input as shown in the schematic below. The purpose of the resistor $R_3$ is to keep the op-amp in its linear range of operation.

$$R_3 = R_1 \parallel R_2$$