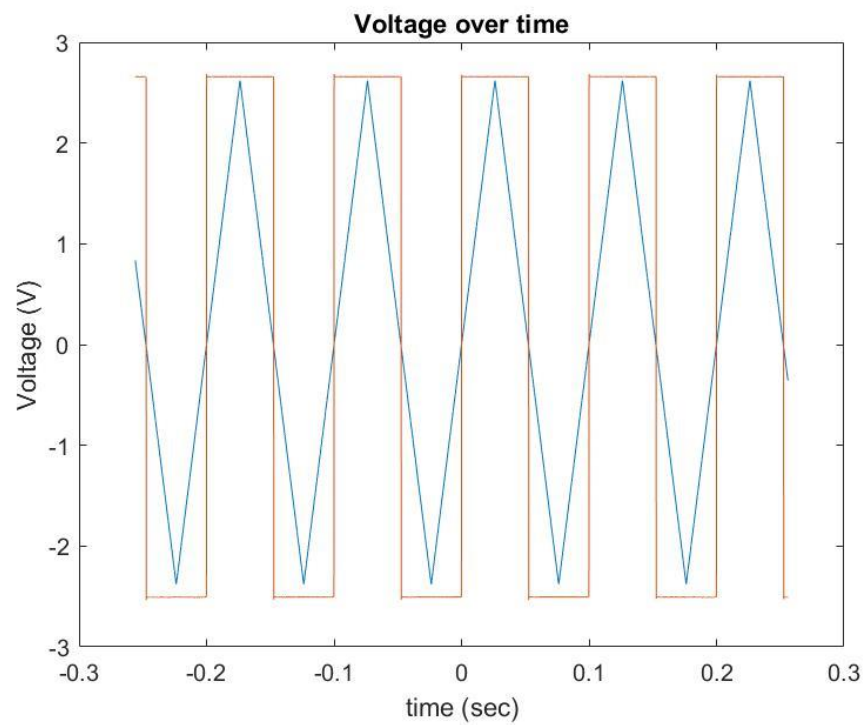
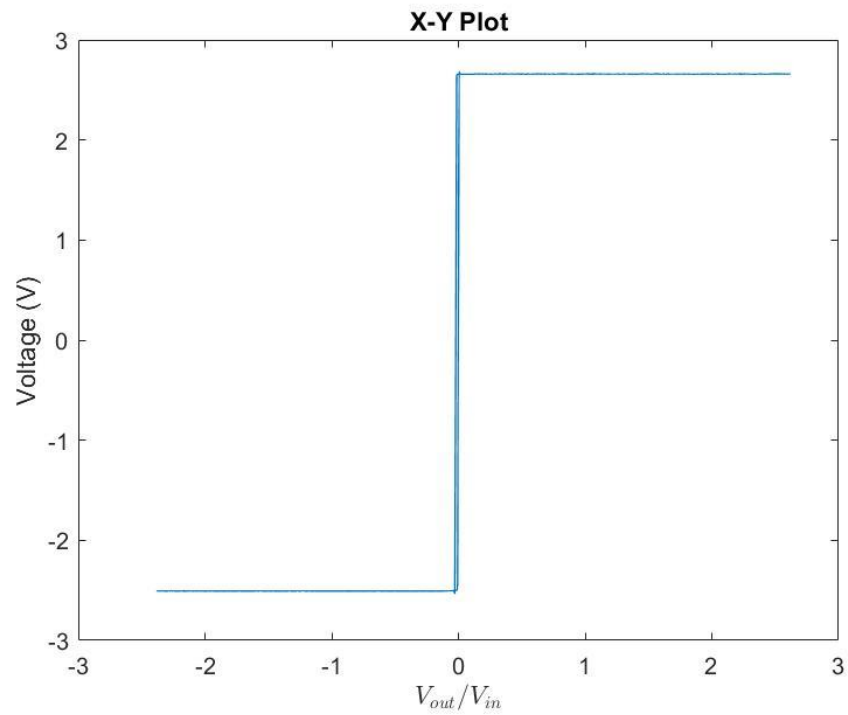


Manu Patil

ISIM Fall 2018

16 October 2018



3. Yup the follower works as advertised. There is a slight delay, but
4. The Op- Amp struggles to keep up after 500 kHz and all of gives up after 1 MHz
5. The output is only positive as 0 in the lower end of the Op-Amps output
6. It takes around 2.82 μs to fully stabilize.
7. The positive feedback loop won't work as a follower at with any slight fluctuation will cause the voltage to slam to one of the rails

a. $V_{\text{out}} = 1.739 \text{ V}$

b. $V_{\text{out}} = 2.55 \text{ V}$