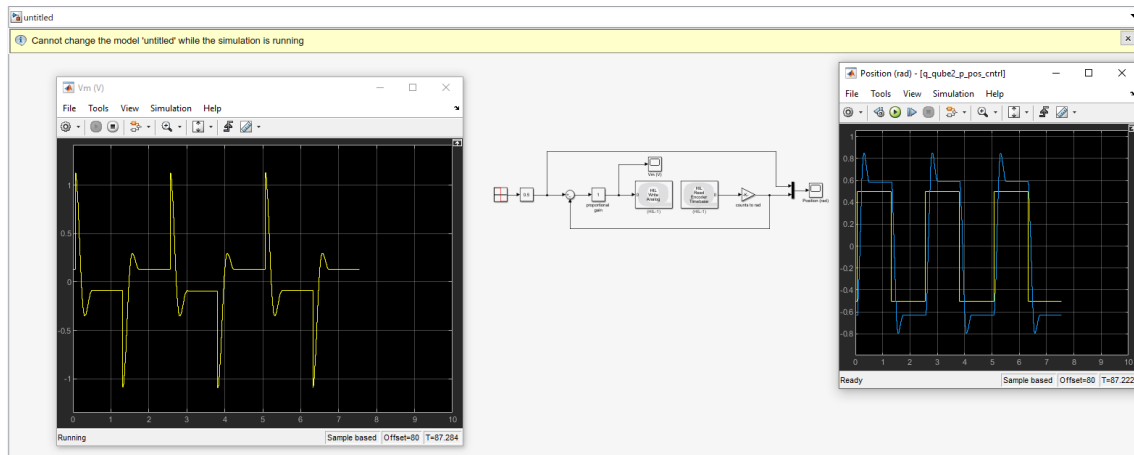


1.

Proportional Gain 1



Tenemos que multiplicar el voltaje de tal manera que:


$$1.098 \times 9.1080 = 10$$

Para que nuestro voltaje este entre 10 y -10

2.

3.

4. Set the Signal Generator block such that the servo command (i.e. reference angle) is a square wave with an amplitude of 0.5 rad and at a frequency of 0.4 Hz.

Block Parameters: Smooth Signal Generator

✕

Smooth Signal Generator (mask) (link)

Outputs a waveform (and optionally its "cosine" counterpart) whose amplitude and frequency may be changed without causing a discontinuity in the output. The amplitude and frequency may also be driven from input ports.

Parameters

Signal type: Square

Source of signal parameters: Internal (dialog parameters)

Amplitude:
0.5

Frequency (Hz):
0.4

Initial phase (radians):
0

Sample time (seconds):
qc_get_step_size

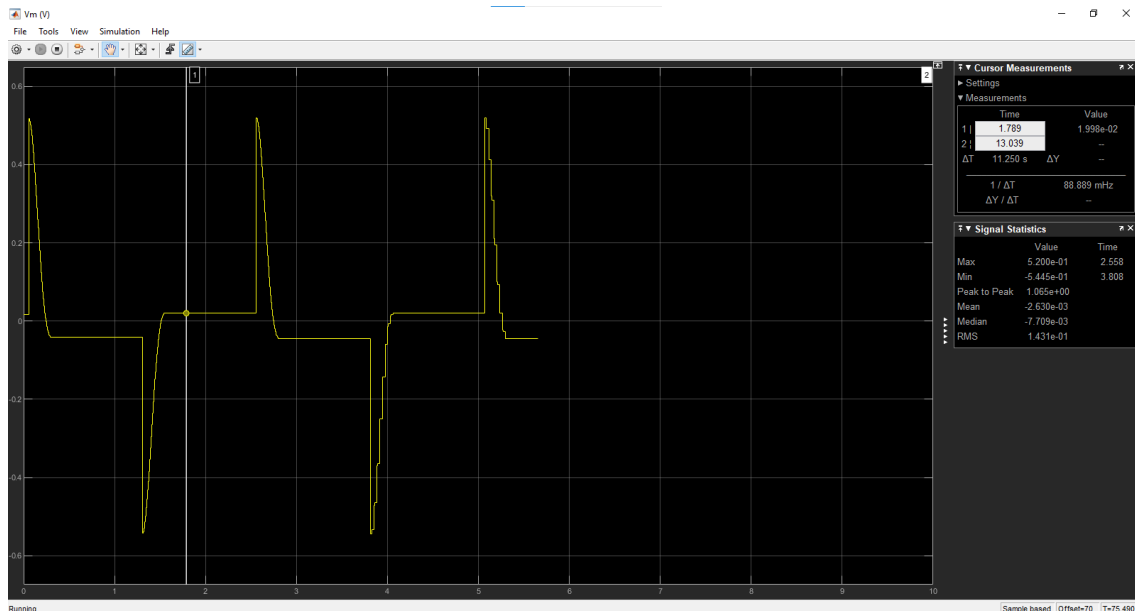
☐ Output "cosine" waveform

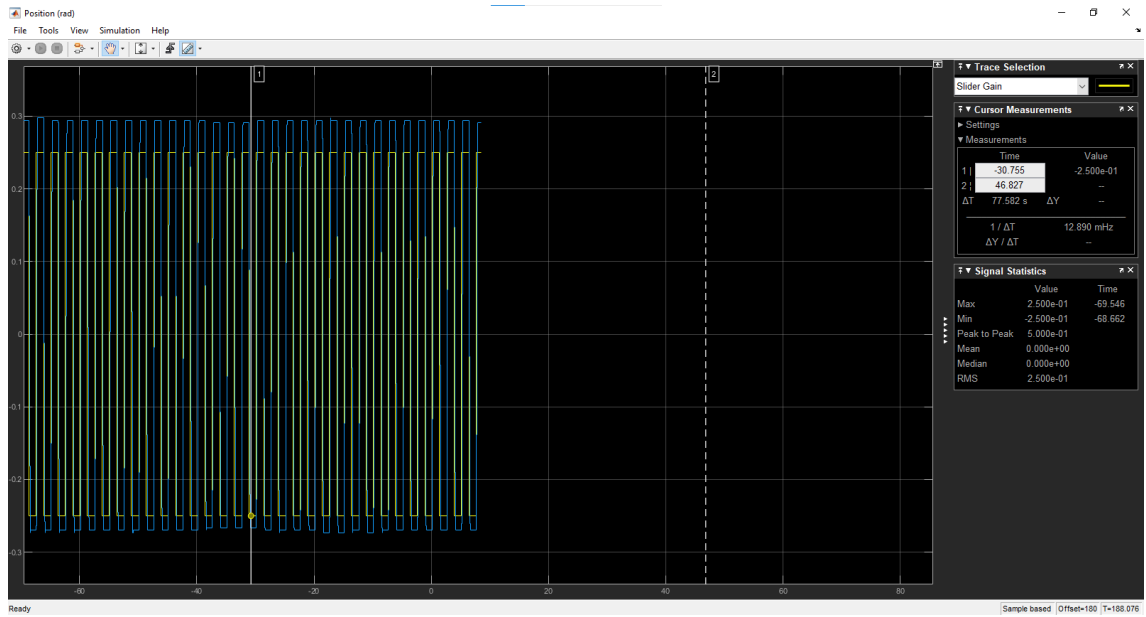
OK

Cancel

Help

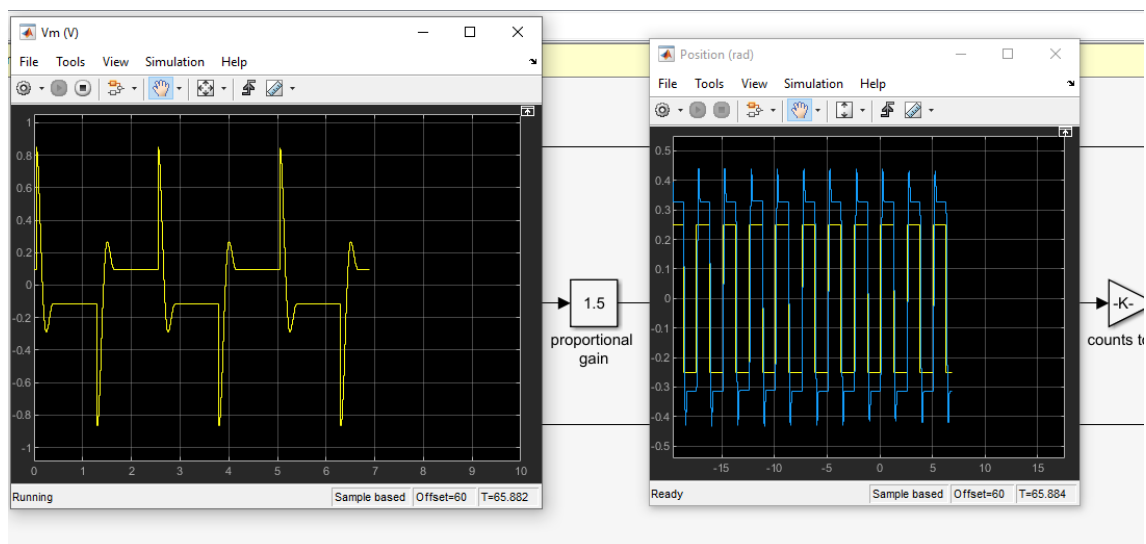
Apply





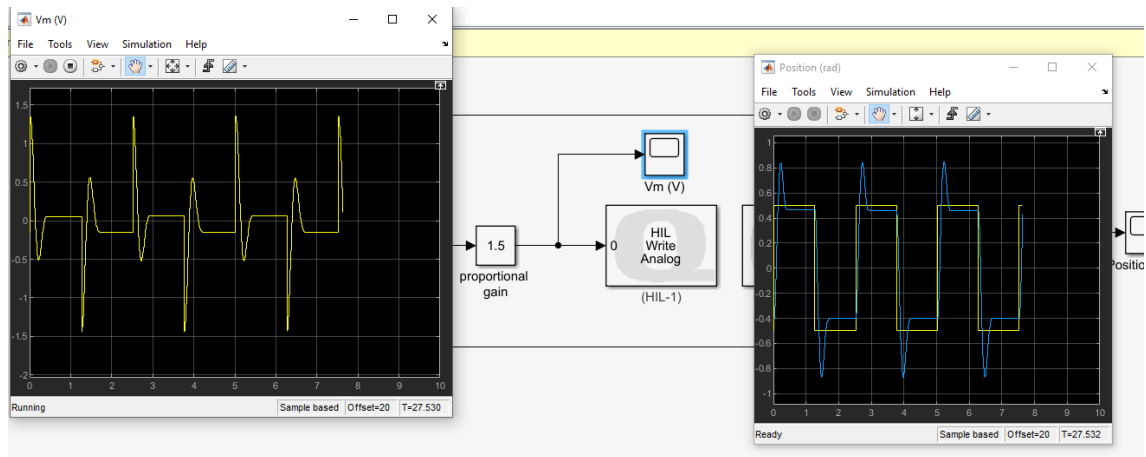
6. Amplitud 0.5

Proportional Gain 1.5



Amplitud 1

Proportional Gain 1.5



9.

Amplitude 0.5

0.4 hz

