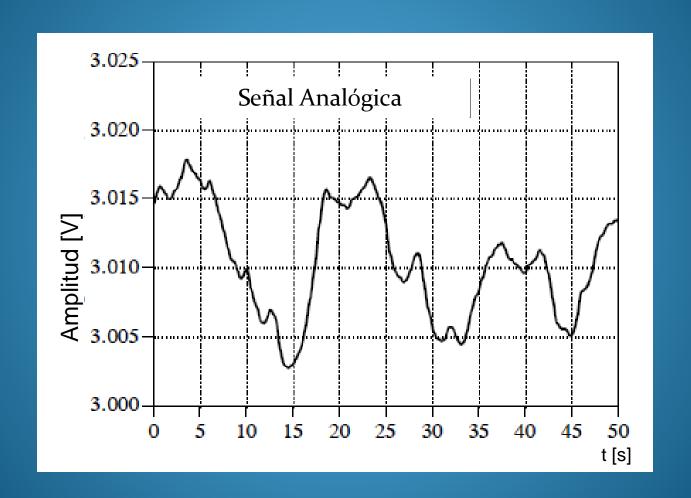
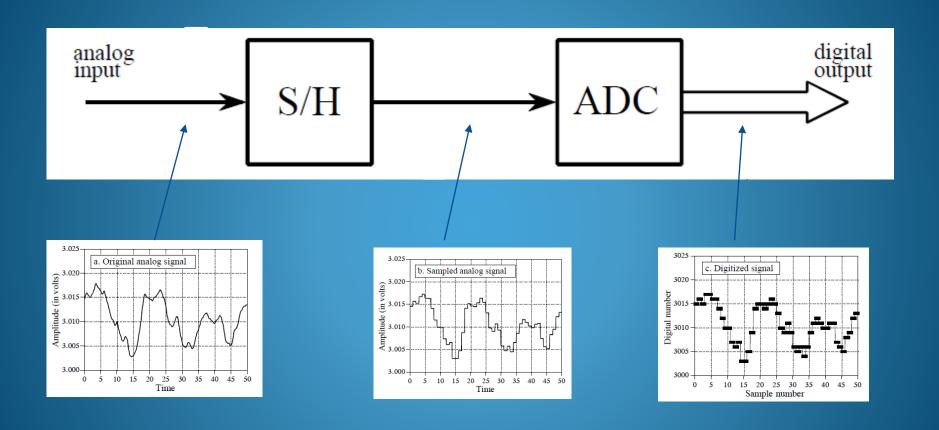




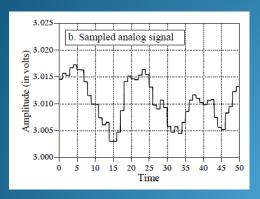
## TECNICAS DIGITALES III

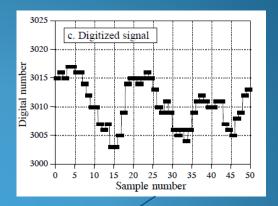
### Conversor Analógico Digital



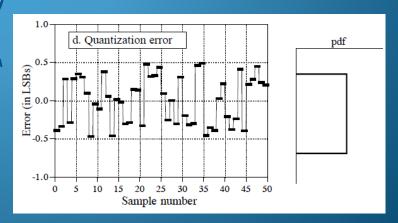


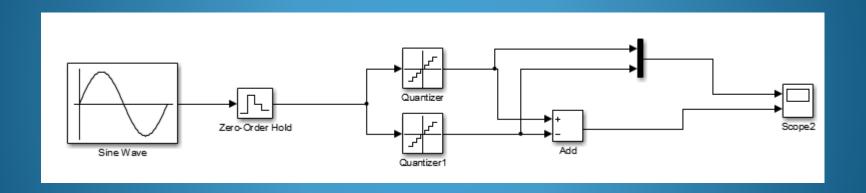
### Conversor Analógico Digital

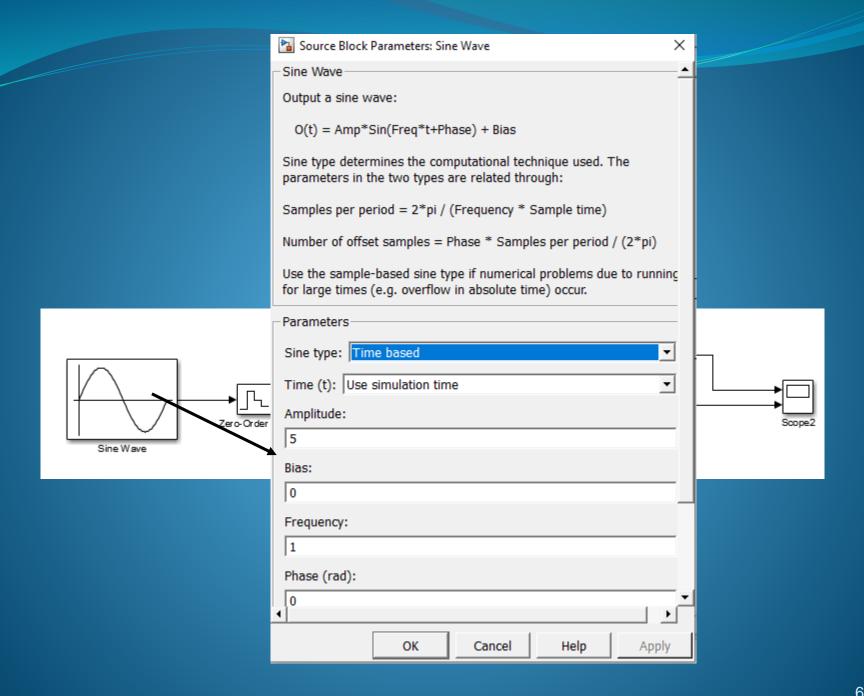


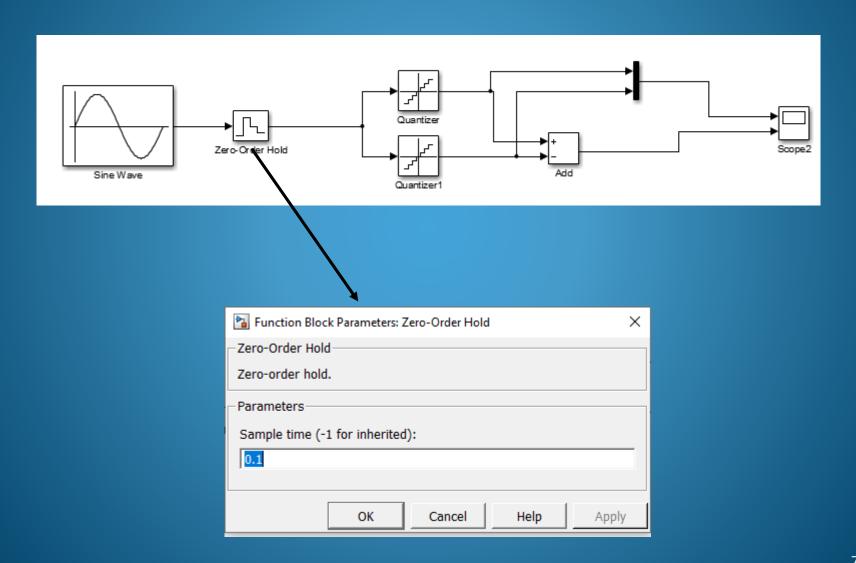


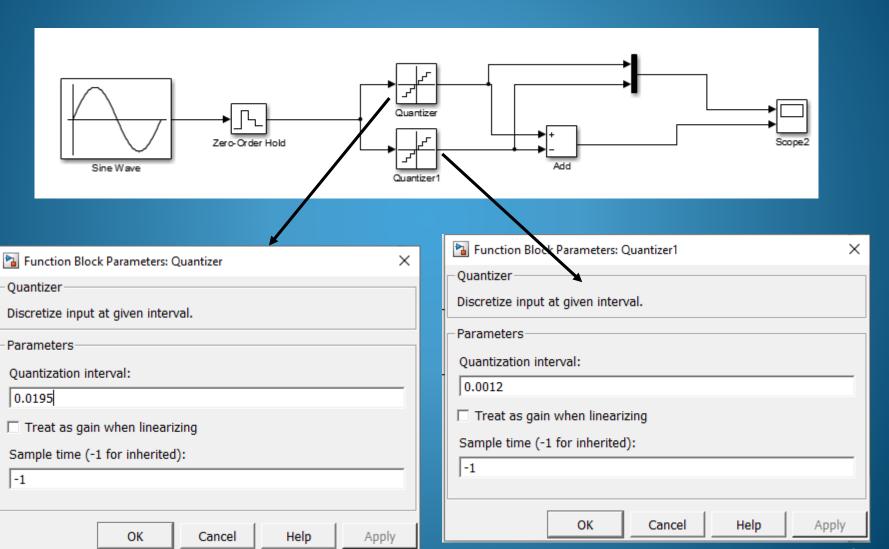


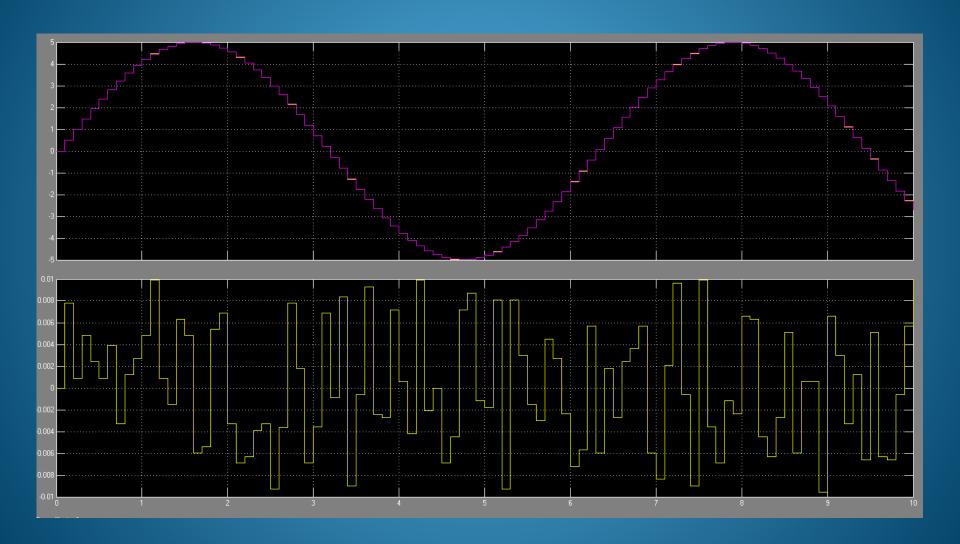






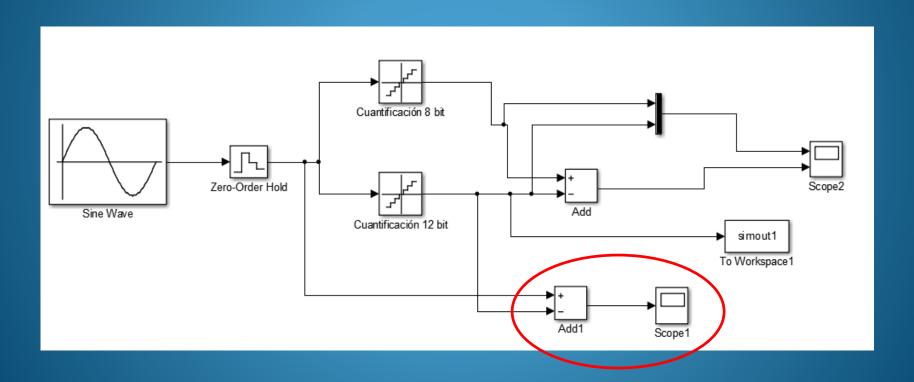






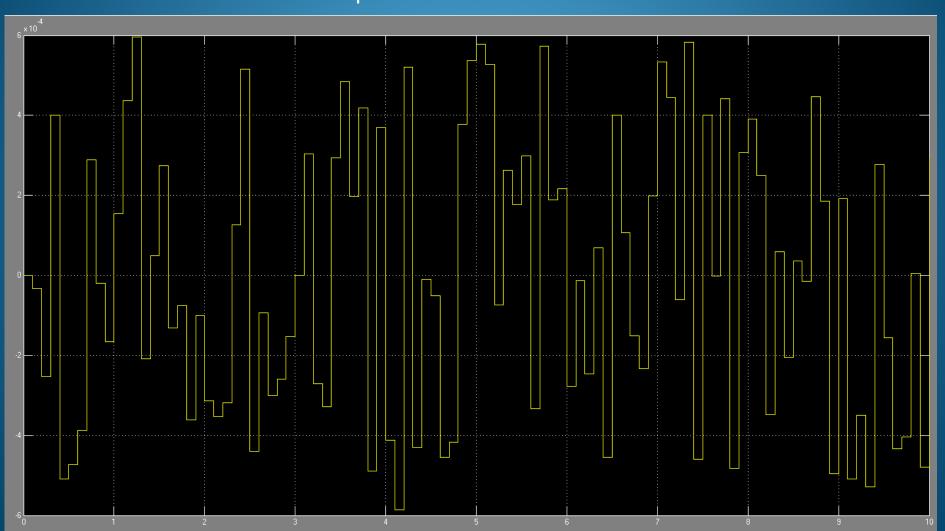
### Error de cuantificación 12 bit

Para una señal de 5V el paso es de 0,0012V o 1.2mV.



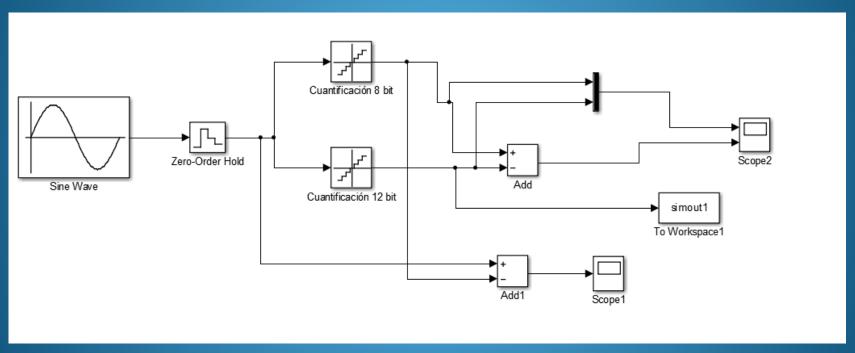
### Error para cuantificación de 12 bits

El error se presenta como un ruido blanco

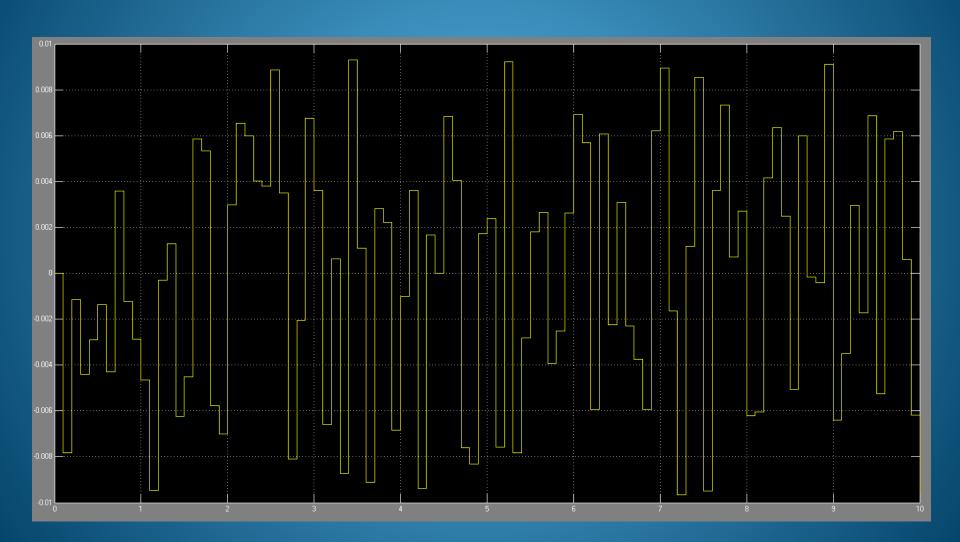


#### Error de cuantificación 8 bit

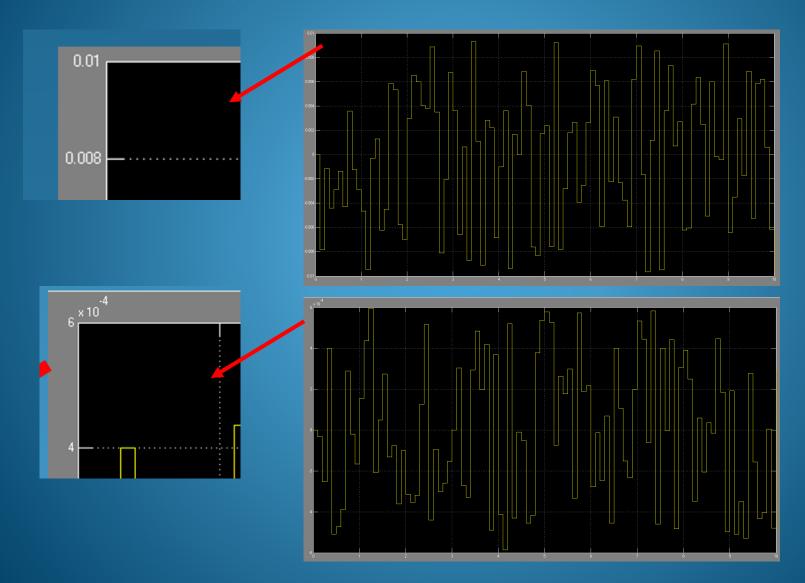
Para una señal de 5V el paso es de 0,0195V o 19,5mV.



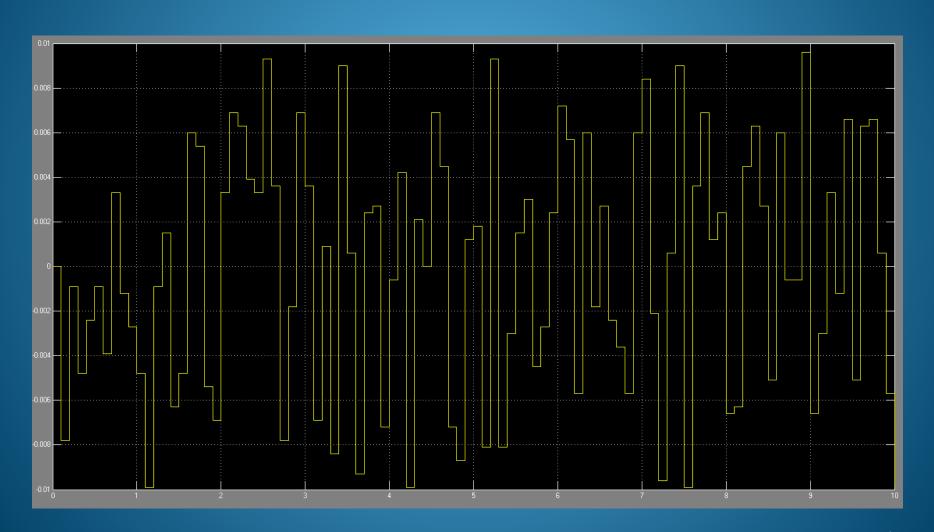
## Error para cuantificación de 8 bits



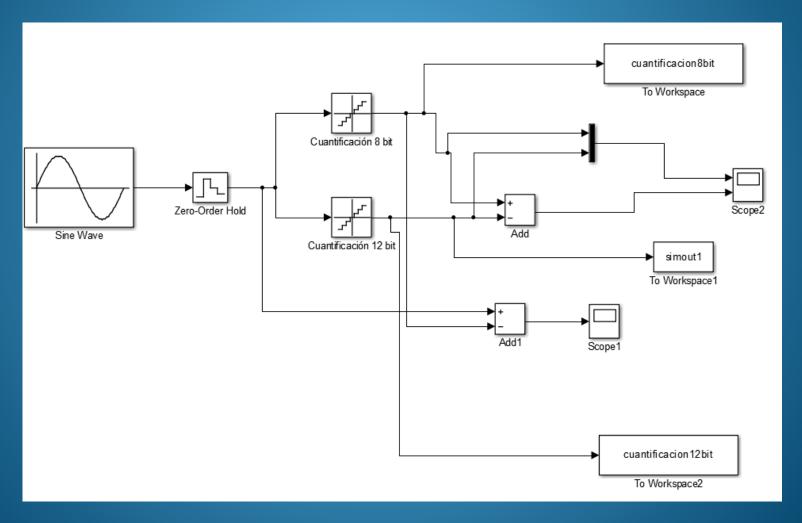
### Error para cuantificación de 8 bits



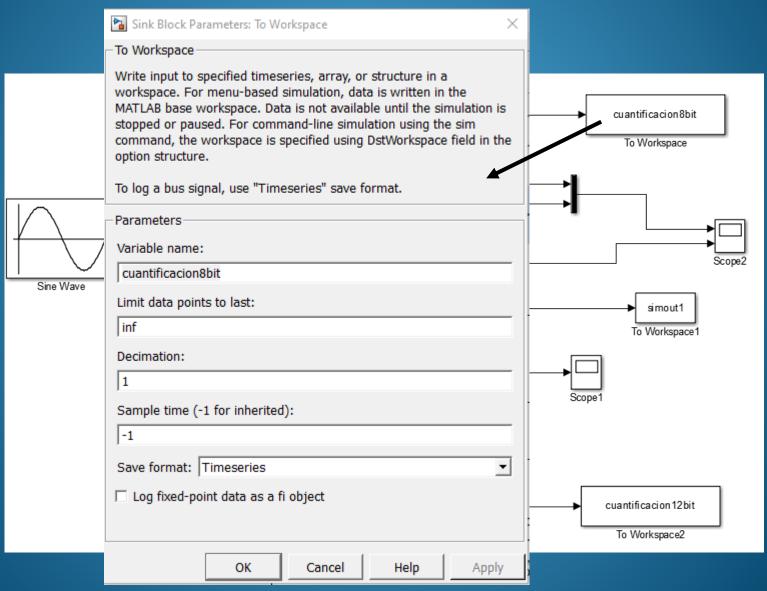
# Diferencia entre los errores de cuantificación



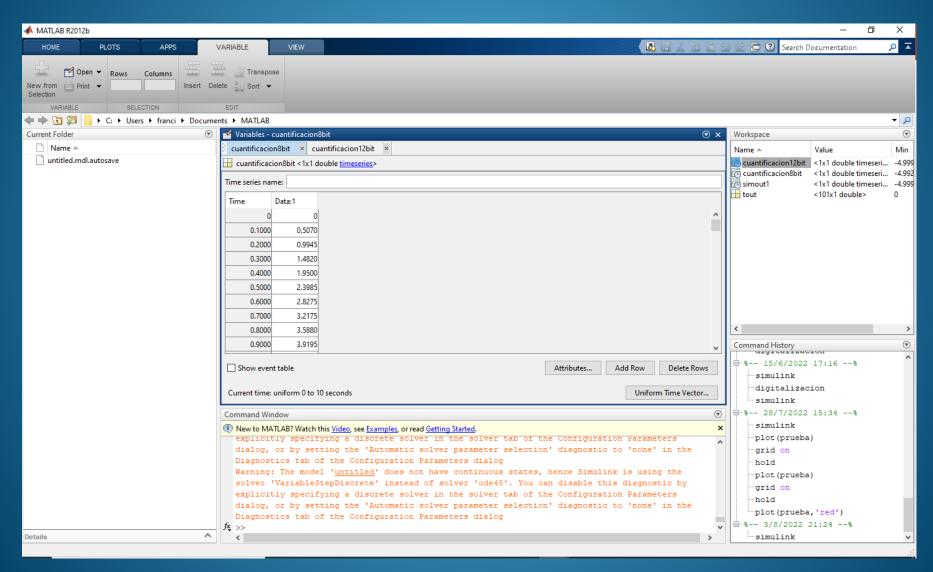
## Valores numéricos de la cuantificación



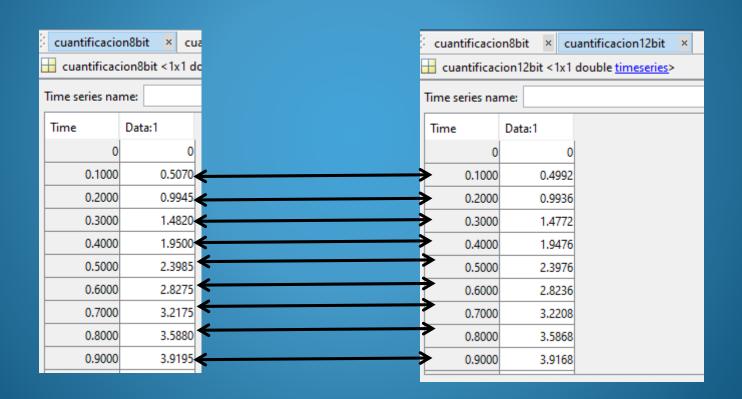
#### Valores numéricos de la



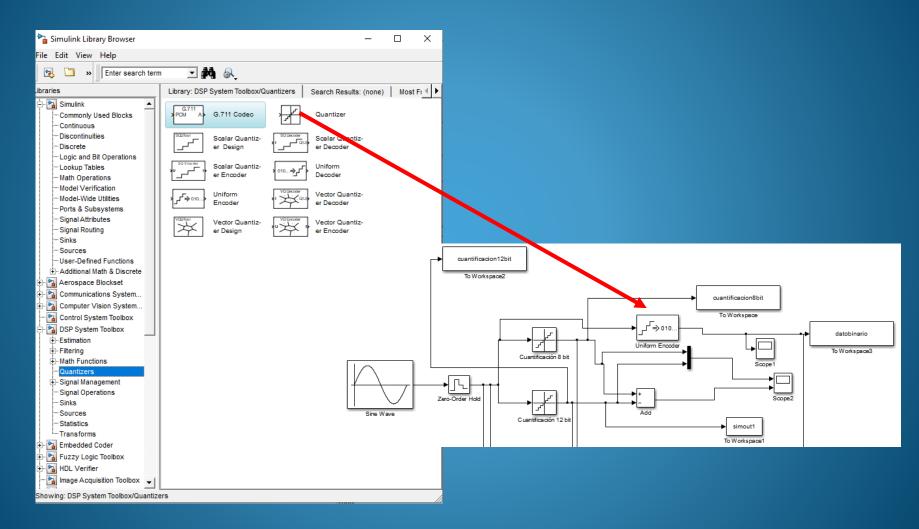
#### Valores numéricos de la cuantificación



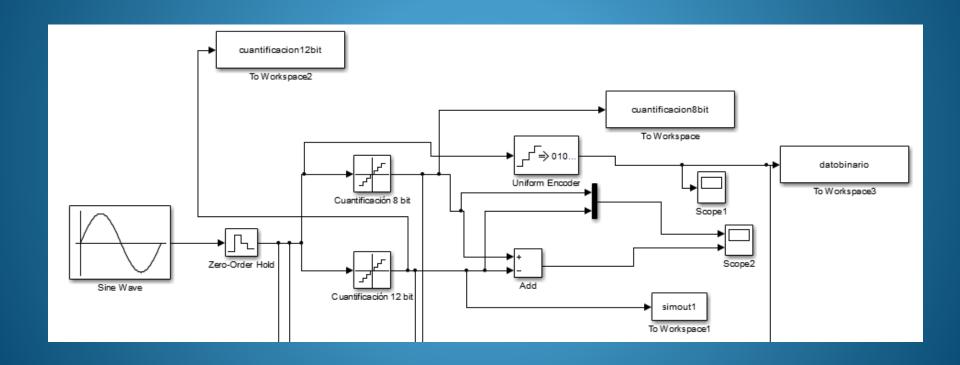
## Valores numéricos de la cuantificación



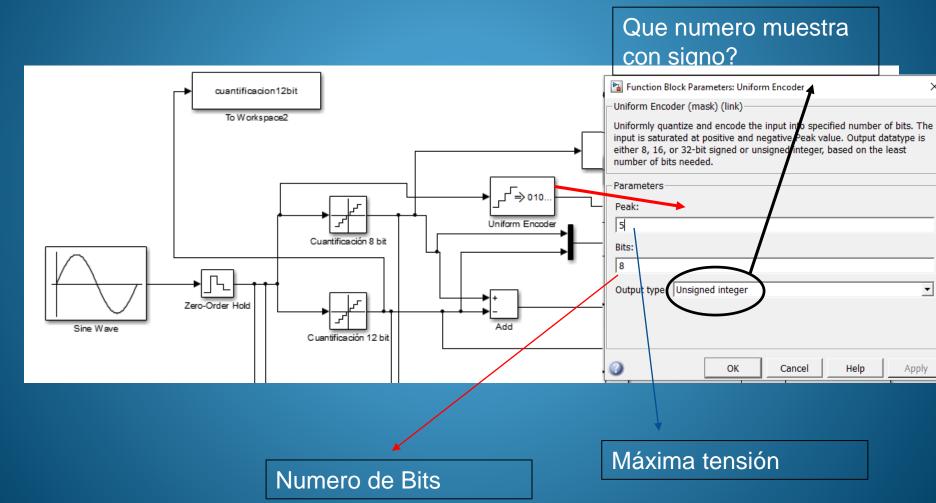
#### Biblioteca DPS



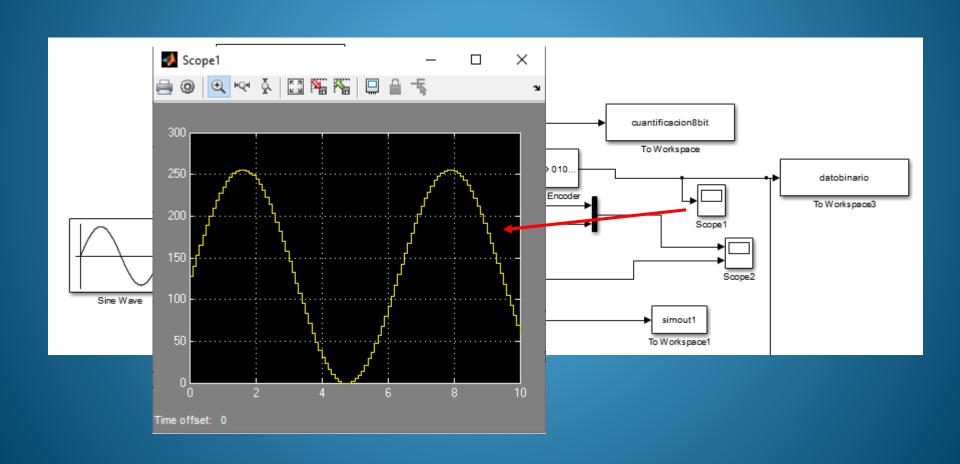
## Cuantificación con la biblioteca DSP



## Cuantificación con la biblioteca DSP



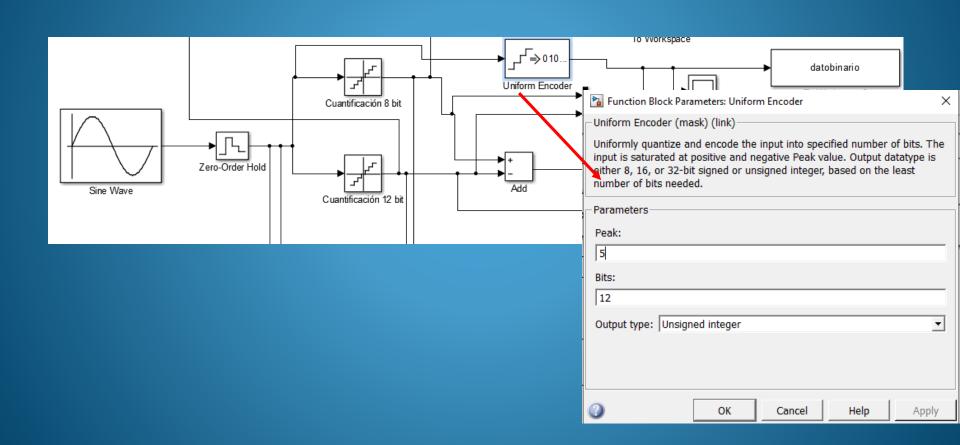
## Cuantificación de 8 bits con la librería DSP



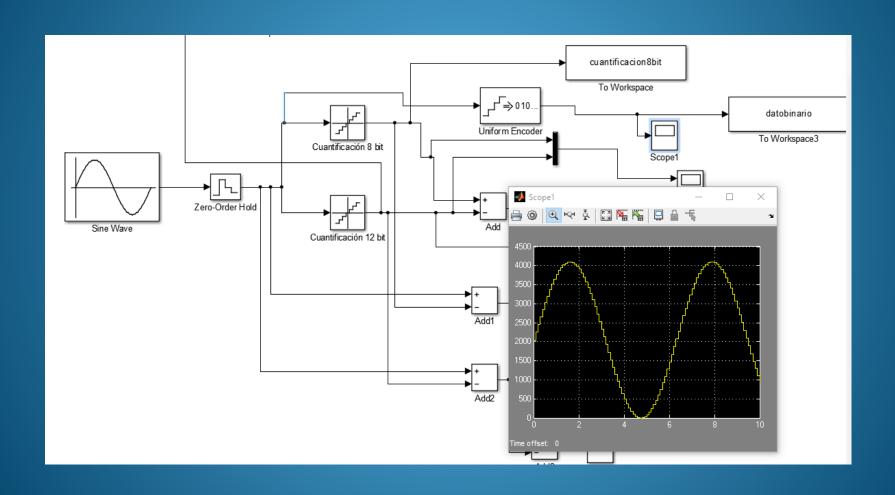
#### Cuantificación Dato binario de 8 bits



### Cuantificación de 12 bits



### Cuantificación de 12 bits



### Cuantificación de 12 bits

