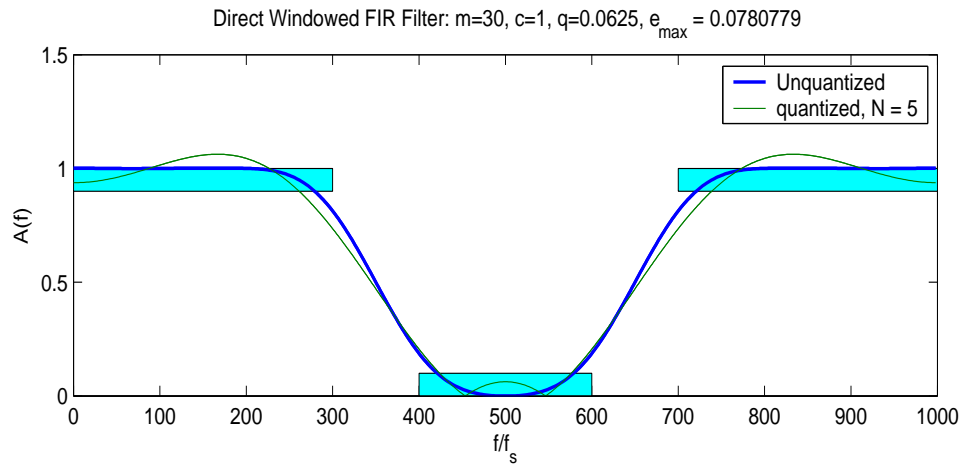


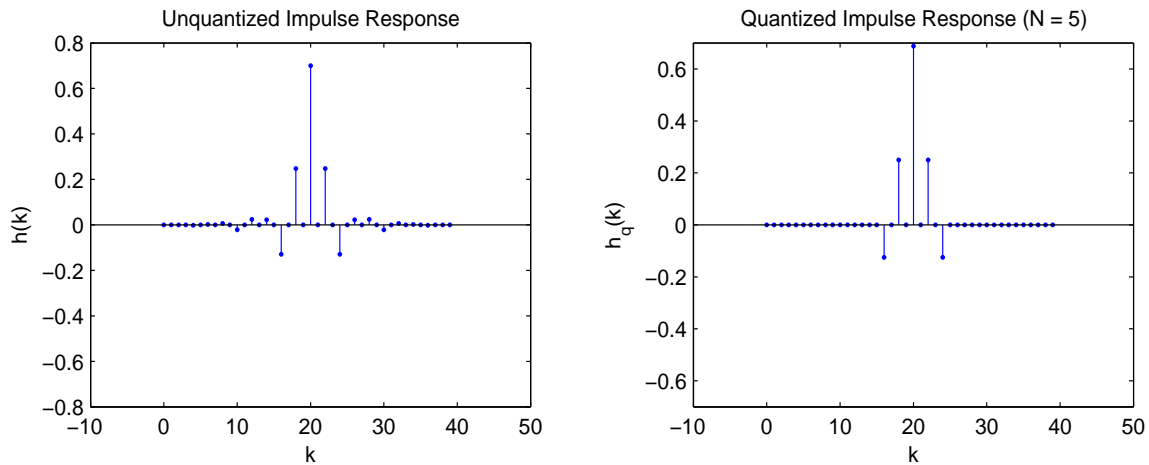
5.39 Use the GUI module *g_filters* and select an FIR bandstop filter. Use the default parameter values. Adjust the number of bits of precision N until the quantization level q is larger than 0.05.

- (a) Plot the magnitude response.
- (b) Plot the impulse response
- (c) Plot the quantizer characteristic

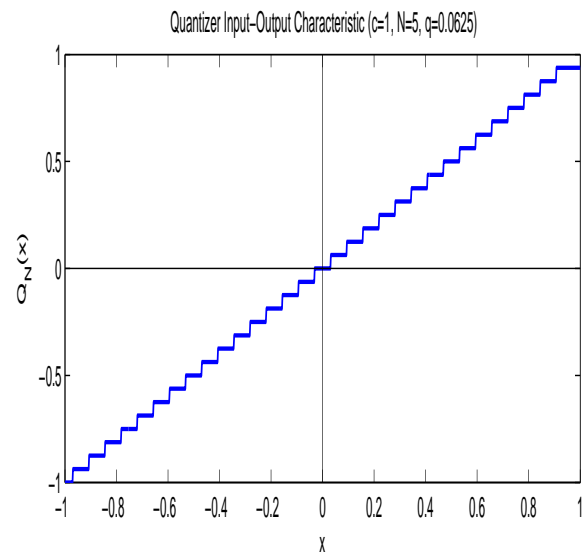
Solution



(a) Magnitude Response



(b) Impulse Response



(c) Quantizer Characteristic