Carlos Lazo

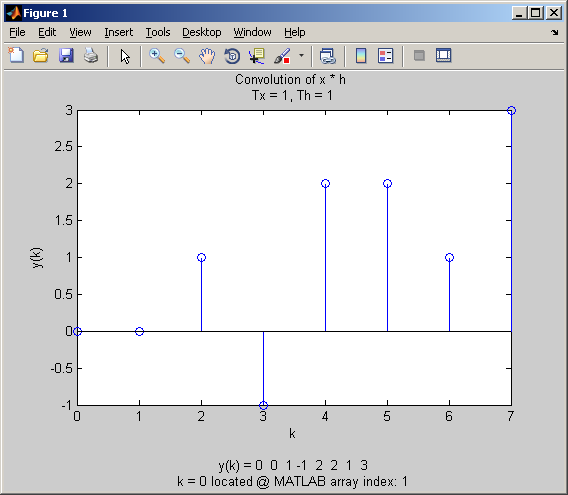
ECE 503

Homework #2

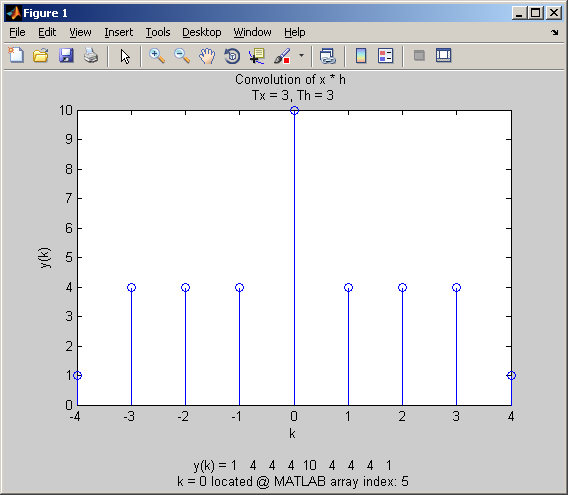
Due: 2/1/10

1. **Convolution Sum**

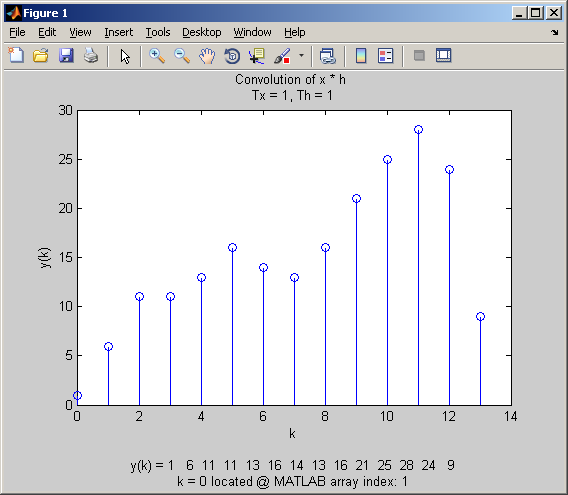
**b.** P&M 2.16 (b)(5):



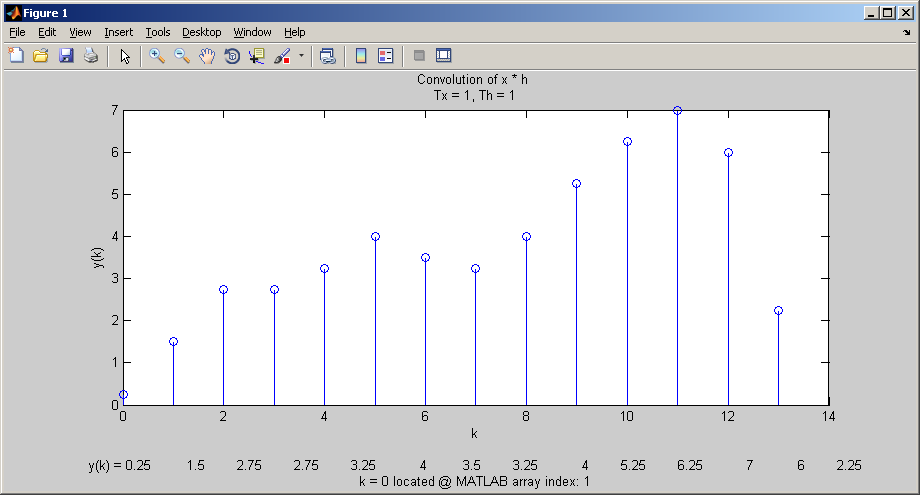
**b.** P&M 2.16 (b)(10):



**c.** P&M 2.22(a)(y2):



**c.** P&M 2.22(a)(y4):



1. **Forward Z-Transforms**

**d.** MATLAB Plot of Z-transform magnitude: x(k) = ak \* u(k) when a = 0.5

