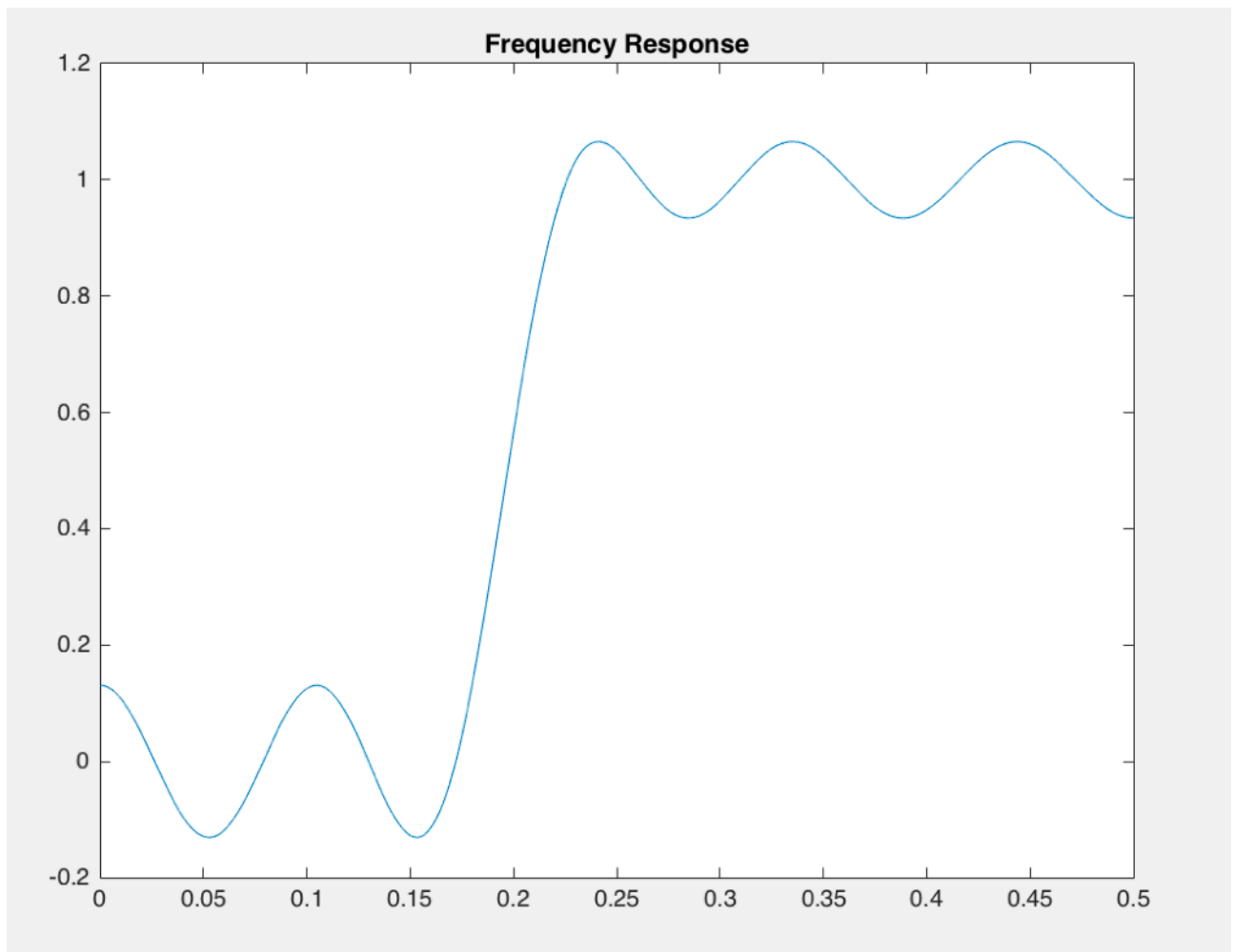


ADSP 高等數位訊號處理, Spring 2017
Homework #1

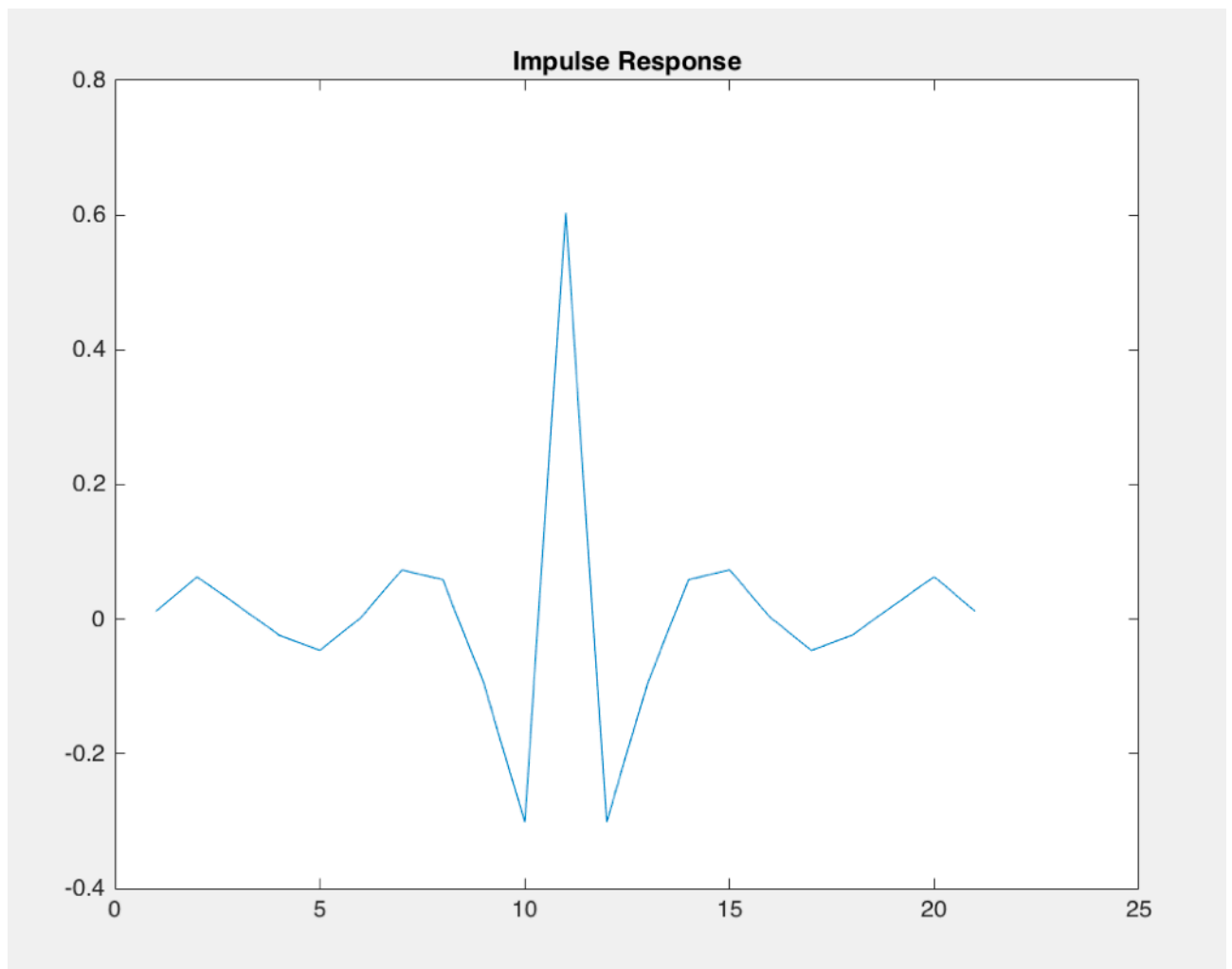
B03901023 電機三 許秉鈞
指導教授 丁建均

Problem 1:

- (a) MATLAB code (附於信件)
- (b) The frequency response:



(c) The impulse response $h[n]$:



(d) The maximal error for each iteration:

一共6個rounds

it = 1, E0 = 0.1630

it = 2, E0 = 0.0967

it = 3, E0 = 0.0690

it = 4, E0 = 0.0657

it = 5, E0 = 0.0657

it = 6, E0 = 0.0657 (這個round可以不看)