

Examination Feedback for EEE309 – Digital Signal Processing
Spring Semester 2014-15

Feedback for EEE309 Session: 2014-2015

Feedback: Please write simple statements about how well students addressed the exam paper in general and each individual question in particular including common problems/mistakes and areas of concern in the boxes provided below. Increase row height if necessary.

General Comments:

The overall performance is satisfactory. Of 73 students, 72 chose the first question, 32 chose the second question, 69 chose the third one, and 18 chose the fourth one.

Question 1:

The main problem is a. (ii) and b. (ii). For a. (ii), when giving the proof, many students did not give the right convolution equation. For b. (ii), the second sequence is not periodic as the period is not an integer.

Question 2:

The main problem is b and many struggled to give the required explanation for a minimum phase system.

Question 3:

This is fine and most of the students had no problems with it.

Question 4:

This is the most difficult question. For a, the main issue is the Euler's formula. For b, the main issue is to calculate the summation and find the response at the three frequencies. For c, the only requirement is that you should memorize the relevant statement for advantages and disadvantages.