

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Electrical Engineering and Computer Science

6.003: Signals and Systems—Fall 2003

PROBLEM SET 11

Issued: December 2, 2003

Due: Not

REMINDER: The 6.003 Final Exam will be held on December, 16th. The final will cover all the material covered during the term, including the material on z transforms and DT feedback systems, the subjects of this problem set.

Reading Assignments:

Lectures #23-24 & PS#11: Chapters 10& 11 (through Subsection 11.3.4) of O&W

Exercise for home study (not to be turned in, although we will provide solutions):

Problem 1 O&W 10.29 (d)

Problem 2 O&W 10.34

Problem 3 O&W 10.42

Problem 4 O&W 10.47

Problem 5 O&W 10.50

Problem 6 O&W 11.25 (a)

Problem 7 O&W 11.59