

ESE 547 Fall 2009; September 9

Class	Topics	Sections	Reading
2	Sampled Sinusoids and Frequency Response	2.2.1 & 3.8.1	Secs. 2.2.2, 3.8.4
	Discrete-Time Fourier Transform & Inverse	3.2	Sec. 3.2.4; Table 3.4
	Two-Sided Z-transform and its Properties	6.1, 6.4, 6.5	Secs. 6.2, 6.7
	Examples		
	One-Sided Z-transform	6.1	Secs. 6.2, 6.7

Homework:

1. Chapter 2: Problems 3, 7 (not covered yet, but try), 15, 29, and 34, pp. 107 – 110.
(For previous edition, try Chapter 2: Problems 2, 7, 19, 20, and 23, pp. 106 – 108,)
2. Chapter 3: Problems 13, 16, 17, 18, 19, and 21(b, c, and d), pp. 162 – 163.
(For the previous edition, try Chapter 3: Problems 10, 11(c), and 14(b and c), p. 181.)