

**E E 1 7 1**

(Oct 5, 2011)

*Signals & Systems*

*Fall Semester 2011*

H O M E W O R K No. 5

Due Th. Oct. 13, 2010

1. Problem 2.45 (a), (b), (c). Proving differentiation property many ways. Determining impulse response of system, given the input and output signals.
2. Problem 2.46. Determining impulse response, given input and output signals.
3. Problem 2.47. General system analysis problem.
4. Problem 2.48. Verifying system properties.