

ECE 5560 Spring 2025

HW 12

Reading:

Section 8.1, 8.2, 8.4, Section 9.1, 9.2 up to the second to the last paragraph on page 265

Problems:

- 1) Chapter 8, problem 4
- 2) Chapter 8, problem 6
- 3) Use the results of the 2x2 convolution on page 235 and 2x3 convolution on page 237 of the text book to construct a 4x6 convolution. How many multiplications and additions does it take?
- 4) Chapter 9, problem 1