

**Department of Electrical and Computer Engineering  
Stony Brook University**

**ESE 305/EEO 301 Signals and Systems (Summer 2024)**

**Homework 6**

**Due Date: June 20, 2024 (11:59PM via Brightspace in single PDF file.)**

This assignment is to be done individually.

**Problem 1:** Chapter 6, Problem 3

**Problem 2:** Chapter 6, Problem 4

**Problem 3:** Chapter 6, Problem 8

**Problem 4:** Chapter 6, Problem 10

**Problem 5:** Chapter 6, Problem 13

**Problem 6:** Chapter 6, Problem 31