

Fourier Analysis

Assignment 9

20181115

Name : _____

Student ID : _____

1. Find the Discrete Fourier Transform of $\{f[0], f[1], f[2], f[3]\} = \{0, 0, 1, 0\}$, $N = 4$.
2. Find the Discrete Fourier Transform of $\{f[0], f[1], f[2], f[3]\} = \{2, -2i, 1 - i, 1 - 2i\}$, $N = 4$.

Reading Materials : Section 10.1, 10.3, 10.4 of the textbook.