

# Homework-II

## Chapter 2 Problems

2.4 2.14 2.24 2.30 2.33 2.36

## Matlab Simulation

2.39, 2.40

2.41

Given that  $x[n] = [1 \ -1 \ 2 \ 4]$  and  $y[n] = [2 \ 6 \ 4 \ 0 \ 8 \ 5 \ 12]$ , use MATLAB to find  $h[n]$ .

- 以recursive algorithm 求 $h[n]$
- 手算或以`deconv()` 驗算

Due date: 4/3 2024 上課前10分鐘

電子檔上傳至 moodle