

EE 520 Homework 2

In Nielsen and Chuang, do the following problems:

Sec 2.2: Exercises 2.63, 2.64

Sec 4.2: Exercises 4.2, 4.3, 4.5, 4.8

Sec 4.3: Exercises 4.17, 4.18, 4.20

Sec 4.4: Exercises 4.34, 4.35

Sec 4.5: Exercise 4.36

Show all work. (Most—but not all—of these are straightforward exercises.)

Due Thursday 22 September 2022 before midnight. Please hand in your assignment by uploading it as a PDF file through the Blackboard site.