

# Quantum Information B   Fall 2020   Problem Set 1

Solutions are due in 4 pm on Tuesday Nov 3.

All problems are taken from Nielsen-Chuang, look them up from the book.

1. Exercise 6.3 from the book.
2. Exercise 6.5 from the book.
3. Exercise 6.6 from the book.
4. Exercise 6.9 from the book.
5. Problem 6.2 (parts (1), (2) only) from the book.

**Reading for next week:** Read Chapter 8 pages 353-380 (or as far as you can) for preparation for the lectures.