MAT3420 2024, Exercises week 14 (for Friday 5 April)

Exercise 1. Exercise 7.1.2 in [1].

Exercise 2. Verify the circuit for the QFT in Figure 7.4 in [1].

Exercise 3. Prove Lemma 7.1.2 in [1].

Exercise 4. Prove Lemma 7.1.3 in [1].

References

[1] P. Kaye, R. Laflamme and M. Mosca, An Introduction to Quantum Computing, Oxford University Press, 2007.