

# Homework 1

Quantum Mechanics

*August 29th, 2022*

CLAYTON SEITZ

**Problem 1.** *Problem 1.12 from Sakurai*

**Solution.**



**Problem 2.** *Problem 1.13 from Sakurai*

**Solution.**



**Problem 3.** *Problem 1.15 from Sakurai*

**Solution.**



**Problem 4.** *Problem 1.16 from Sakurai*

**Solution.**



**Problem 5.** *Problem 1.23 from Sakurai*

**Solution.**



**Problem 6.** *Problem 1.24 from Sakurai*

**Solution.**

