

# Homework 5

Quantum Mechanics

October 17th, 2022

C SEITZ

**Problem 1.** *Problem 3.10 from Sakurai*

**Solution.**



**Problem 2.** *Problem 3.20 from Sakurai*

**Solution.**



**Problem 3.** *Problem 3.22 from Sakurai*

**Solution.**



**Problem 4.** *Problem 3.23 from Sakurai*

**Solution.**



**Problem 5.** *Problem 3.24 from Sakurai*

**Solution.**



**Problem 6.** *Problem 3.38 from Sakurai*

**Solution.**

