

5393 Quantum Mechanics

Homework 10

Reading Assignment

Sakurai

Chapter 3

Problems

Sakurai

Chapters 1, & 3
Problems: 1.8, 3.4, 3.5, 3.9,
3.38 (parts b & c only)*Date Due*Nov. 9, 2021 *by* 5:00 pm**Comments and Hints:**

1. Problem 3.38: Find a relation for $\tilde{\mathbf{J}}^n$ for n odd and even.
2. Problem 3.38: $d^{(j=1)}(\beta)$ is the matrix representation of the unitary rotation operator.