

# Advanced Quantum Mechanics II

Instructor: Siamak Sadat Gousheh

Shahid Beheshti University

Winter 2023

## Problem Set 4

Please answer the following questions and provide us by the first of the class on Esfand 15.

- 3.20, and 3.22 from problems of [\[SN21\]](#)

## References

[SN21] Jun John Sakurai and Jim Napolitano. *Modern quantum mechanics*. Cambridge University Press, Cambridge, 3rd ed edition, 2021.