## Advanced Quantum Mechanics II

Instructor: Siamak Sadat Gousheh Shahid Beheshti University

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## Problem Set 2

Please answer the following question and provide us by the first of the class on Esfand 1.

• 3.15 from problems of [SN21]

## References

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