

# Advanced Quantum Mechanics II

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## Problem Set 8

Please answer the following questions and provide us by the first of the class on Ordibehesht 23.

- 3.37, 3.38, 3.42, 3.44 and 3.46 from problems of [\[SN21\]](#)

## References

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