

Math, Problem Set #2, Inner Product Spaces

OSM Lab, Zach Boyd

Due Wednesday, July 5 at 8:00am

1. **Exercises from Chapter 3 Inner Product Spaces.** Do the following 25 exercises from the end of Chapter 3 of **Humpherys et al.** (2017):

- 1, 2, 3, 8, 9, 10, 11, 16, 17, 23, 24, 26, 28, 29, 30, 37, 38, 39, 40, 44, 45, 46, 47, 48, 50

References

Humpherys, Jeffrey, Tyler J. Jarvis, and Emily J. Evans, “Foundations of Applied Mathematics, Volume I: Mathematical Analysis,” 2017. SIAM, Philadelphia, PA.