

# Math, Problem Set #1, Measure Theory

OSE Lab, Jan Ertl

Due Monday, July 22 at 8:00pm

1. **Exercises from Measure Theory notes.** Do the following exercises from inside the text of the [Measure Theory notes](#) by Jan Ertl:

- 1.3, 1.7, 1.10, 1.22, 1.23, 1.26,
- 2.10, 2.14,
- 3.1, 3.7, 3.10, 3.17,
- 4.13, 4.14, 4.15, 4.16, 4.21