Assignment #10

Due Wednesday, 13 November 2019, at the start of class

The Exercises are from Chapter 16 and all relate to the σ-algebra of measurable sets and/or Lebesgue measure.

One exercise below is identified with your initials. Please LaTeX this problem and send both the `.tex` and `.pdf` to me at `elbueler@alaska.edu` by the same due date as above. See the course website for a LaTeX template.

DO THE FOLLOWING EXERCISES from the textbook:[1]

CHAPTER 16

- Exercise #22 on page 273.
- Exercise #28 on pages 273–274.
- Exercise #38 on page 281.   ⟵ **AM**
- Exercise #40 on page 281.
- Exercise #48 on page 282.   ⟵ **WV**
- Exercise #50 on page 282.   ⟵ **DD**

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[1]Carothers, *Real Analysis*, Cambridge University Press 2000.