

**EBA1180 Mathematics for Data Science**  
**autumn 2024**  
**Exercises**

*... if I couldn't formulate a problem in economic theory mathematically, I didn't know what I was doing.*

R. Lucas

**Lectures 2 and 3**

**Sec. 2.2, 11.1, 11.3: Rate of change. Powers and roots. Interest. Present value of cash flow.**

Here are recommended exercises from the textbook [SHSC].

Section **2.2** exercise 1-14

Section **11.1** exercise 1-9

Section **11.3** exercise 1a, 2a