EBA1180 Mathematics for Data Science
autumn 2022
Exercises

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

R. Lucas

Lecture 4 and 5
Sec. 11.4.1-3, 6.11.4, 11.2, 11.3.2, 11.4.4-10, 4.9.2, 6.11.4, 11.2, 11.3.2:
Geometric series. Annuities. Euler's number and continuous compounding of interest.

Here are recommended exercises from the textbook [SHSC].

Section **11.2** exercise 1-3, 5
Section **4.9** exercise 1, 2, 4, 5
Section **11.3** exercise 1b, 2b
Section **11.4** exercise 1-, 6, 7
Section **11.5** exercise 6
Section **11.6** exercise 3