EBA1180 Mathematics for Data Science
autumn 2023
Exercises

*I came to the position that mathematical
analysis is not one of the many ways of
doing economic theory: it is the only way.*

R. Lucas

Lecture 17 – 18
Sec. 6.3, 6.10-11, 9.1-2, 9.4, 9.6: Rules for differentiation. Optimisation (one variable).

Here are recommended exercises from the textbook [SHSC].

Section **6.10** exercise 1, 4, 5
Section **6.11** exercise 1-3, 6, 7
Section **9.1** exercise 1
Section **9.2** exercise 5-7
Section **9.4** exercise 1-3
Section **9.6** exercise 2, 4