

EBA1180 Mathematics for Data Science
autumn 2024
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