

EBA1180 Mathematics for Data Science
autumn 2023
Exercises

... if I couldn't formulate a problem in economic theory mathematically, I didn't know what I was doing. 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 23 – 24

Sec. 7.7, 7.4-5: Elasticity. Linearisation. Taylor polynomials.

Section 7.7 exercise 1-3

Section 7.4 exercise 1-3

Section 7.5 exercise 1-3

Multiple choice exam 2018a, problem 10, 13

Multiple choice exam 2019s, problem 11

Multiple choice exam 2019a, problem 11