

**EBA1180 Mathematics for Business Analytics**  
**autumn 2022**  
**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 15 – 16**

**Sec. 6.1-2, 6.6-8: Tangents, differentiation and rules for differentiation.**

Here are recommended exercises from the textbook [SHSC].

Section **6.1** exercise 1, 2

Section **6.2** exercise 1, 6, 8

Section **6.6** exercise 1, 3

Section **6.7** exercise 1-4, 7

Section **6.8** exercise 1a, 10