

ECON 4120: Mathematics 2

Spring semester 2014

Seminar's exercises are intended to be solved (or attempted) independently by the students (working in groups can also be a good idea) BEFORE the seminar class are corrected in the correspondent week.

Seminar 1, week 5

All problems are taken from the exam problem collection (compendium).

Note that "sketch" a graph means to get the qualitative properties visible using the appropriate mathematical tools, such as limits at the extreme of the Domain, study the sign of the function, calculate first (maxima and minima) and second derivatives (convexity/concavity).

Problem 18

Problem 22

Problem 97

Problem 117

Problem 126 (a)

Integrals: you need the lecture of Wednesday for this. If we don't manage to cover the definite integrals solve them as indefinite.

Problem 126 (b)

Problem 77

For any question contact the lecturer: alice.ciccione@econ.uio.no or the seminar leader: torben.mideksa@econ.uio.no