

ECON 4120: Mathematics 2

Fall semester 2014

It is required that students (attempt to) solve all seminar exercises BEFORE attending the seminars. Working in small groups is also a good idea.

Seminar 1, week 36

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

Problem 117

Problem 123, (b)

Problem 18

Problem 32 (a), (b), (d).

Problem 97

Problem 107

Note that "sketch" a graph means to get the qualitative properties visible. For that, you are suggest to use appropriate mathematical tools (or just some of them) such as: limits at the extreme of the Domain, study the sign of the function, first derivatives (maxima and minima) and second derivatives (convexity/concavity).

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