

ECON5150 Mathematics 4, autumn 2009

Problems for the seminar on Wednesday 4 November

The problems can be found in

FMEA = *Further Mathematics for Economic Analysis*

or

MA II = *Matematisk analyse, bind 2*.

FMEA: 13.1.4, 13.1.5, A.3.1, A.3.7, 13.1.15(c),(d).

MA II: 7.1.1, 7.1.3, A.2.1, A.2.8, 7.1.13(c),(d).

You may want to read the beginning of the section on sequences in Appendix A before you tackle the sequence problems.

NOTE: There is a misprint in problem 7.1.3 in MA II (except in the most recent printing). The set in question should be

$$\{(x, y) : x > 0, y \geq 1/x\}$$

with $y \geq 1/x$, not $y \leq 1/x$.