MAT3400/4400 - Fall 2015 - About previous exam sets

(This is an updated version of the file compiled in 2013 by Erik Bédos.)

Here is an overview of the problems from previous exam sets for MAT3400/4400, MAT3300/4300 (on measure and integration theory) and MAT4340 (on elementary functional analysis) that are relevant for MAT3400/4400, fall 2014.

MAT3400/4400

- H10: Problems 2 and 4.

- H11: Problem 4.

- H11-konte (Jan. 2012): Problem 1, Problem 2 and Problem 4.

  [Note: Problem 3a) is a part of Exercise 7.8 in [RY]; Problem 3b) is a special case of Exercises 7.11 and 7.12 in [RY]. In Problem 4a), Σ must be assumed to satisfy that $A + a \in \Sigma$ whenever $A \in \Sigma$ and $a \in \mathbb{R}$].

- H12: Problems 2 and 3a).

- H13: All problems.

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- H04-midterm: Problems 1 and 2.

- H04 : Problems 1a) and 4.

- H05: Problems 1 and 2.

- H06: Problems 1 and 3a), b).

- H07: Problems 1a) and 2).

- H08: Problem 3.

- H09: Problems 1, 2, 3, and 4.

  [Note: In Problem 1, it is also assumed that $X = X' \cup X''$].

- H10: Problem 1.

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- H09: Problem 1a)b)c), Problem 3a). [Note: Problem 3b) is a part of Exercise 7.8 in [RY]).

- H10: Problem 1d) and Problem 2.