

INTEGRATIONSTEORI (5p)
(GU[MAF440], CTH[TMV100])

Textbooks and pdf-files

[F] G. B. Folland, Real Analysis; Modern Techniques and Their Applications, 2:a upplagan, John Wiley&Sons 1999

[LN] Ch. Borell, Lecture Notes in Measure Theory, pdf-files

Schedule (50 hours)

44, 45, 46, 47:1; [LN] Chapter 1

47:2,3, 48; [LN] Chapter 2

49, 50, 51:1; [LN] Chapter 3

51:2, 2:1; [LN] Chapter 4

2:2, 3, 4:1; [LN] Chapter 5

4:2; [LN] Chapter 6

Examination

Written examination September 9, 2006 (5 hours), v. The test comprises 15 points; to pass requires at least 7 points (at GU 11 points or more is graded VG; at Chalmers a result greater than or equal to 9 points and smaller than 12 points is graded 4 and a result greater than or equal to 12 points is graded 5).

Assignments

A number of exercises solved and handed in by the student at the latest, Mondays in weeks 47, 49, and 51, will result in a maximum of 1.5 points at the final examination.

Göteborg May 31, 2006

Christer Borell