## Algebra 2010-Aalborg University Lecture 2, September 10th

2nd Lecture: Friday September 10th, 8:15-12:00 at room G5-112.

- 8:15-8:45 Repetition from last recture. The natural numbers and the integers. Well ordering and mathematical induction. Division with remainder. Congruences. Greatest common divisor (pages 1-9).
- 8:45-10:30 Work in groups. Exercises from [Lau], 1.12 (page 41): 11,4,8,9,6,7,5.
- 10:30-12:00 Lecture: The Euclidean algorithm. The chinese remainder theorem (pages 9-17).

Best regards,

Diego Ruano