Algebra 2010-Aalborg University
Lecture 1, September 8th

Welcome to "Algebra" of Mat1. We will follow the book: [Lau] Niels Lauritzen, "Concrete abstract algebra", Cambridge University Press, 2003. ISBN: 978-0-521-53410-9.

You may find the information about the course, lecture sheets, exercises, etc in the course's webpage (`http://people.math.aau.dk/~diego/Algebra2010.html`).

1st Lecture: Wednesday September 8th, 8:15-12:00 at room G5-112.

- 8:15-10:00 Lecture: The natural numbers and the integers. Well ordering and mathematical induction. Division with remainder. Congruences. Greatest common divisor (pages 1-9).

- 10:00-12:00 Work in groups. Exercises from [Lau], 1.12 (page 41): 1,2,3,4,6,7,8,9. You may also consider $[a + b] = [[a] + [b]]$ for exercise 3.

Best regards,

Diego Ruano