

Algebra 2010-Aalborg University

4th Lecture: Friday September 17th, 8:15-12:00 at room G5-112.

- 8:15-8:45 Repetition from last lecture. The Chinese remainder theorem. Euler's theorem, φ function (pages 16-22).
- 8:45-10:30 Work in groups. Exercises from [Lau], 1.12 (page 41): 17, 19, 22, 25, 13, 15, 16.
- 10:30-12:00 Lecture: Factorization of integers. How to compute $\varphi(n)$. RSA (pages 22-29).

Best regards,

Diego Ruano