

Computer Algebra (2012)-Aalborg University

Lecture 11, October 12th

11th Lecture: Friday October 12th, 8:15-12:00 at room G5-109.

- 8:15-8:45 Repetition: Lecture: Karatsuba's multiplication algorithm. The discrete Fourier Transform (pages 219–226).
- 8:45-10:45 Work in groups, Exercises from [GG]: 8.4, A, B, 8.9 (just question i).
Exercise A: Write Algorithm 8.1 (Karatsuba) in a Computer Algebra System.
Exercise B: Check the computations in example 8.6 in [GG].
- 10:45-12:00 Lecture The discrete Fourier transform and the fast Fourier transform (pages 225–235).

Best regards,

Diego