

- In week 39 (Monday 10am) we will start with Exponential Generating Functions and I will give an introduction to Boltzmann sampling.

- For Boltzmann Sampling the reading material is the following scientific article:

P. Duchon, P. Flajolet, G. Louchard, and G. Schaeffer. *Boltzmann samplers for the random generation of combinatorial structures*. *Combinatorics, Probability and Computing*, 13(4-5):577-625, 2004. Special issue on Analysis of Algorithms.

(link: <http://algo.inria.fr/flajolet/Publications/DuFlLoSc04.pdf>) or in Blackboard.

- Note, that you can ignore anything related to exponential generating functions at this point. The first mandatory assignment in DM851 will be, to implement a Boltzmann sampler for Example 1 and Example 2 of this paper.