

Random graphs and its applications for networks

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The impatient collector

We discuss the asymptotic behaviour of some statistics of the coupon collector (for n coupons), conditioned to be completed after at most $(1+\lambda)n$ tries, i.e., much faster than expected. Then we discuss the relation between the coupon collector and some large discrete structures relevant to computer science, with applications.

(Collaboration with Anis Amri)