

Bertrand Eynard: Statistical physics on random lattices and integrability

Lecture 1:

introduction, counting maps, Tutte equations, planar maps, integrability

Lecture 2:

counting non-planar maps, topological recursion

Lecture 3:

large size limit, integrability

Lecture 4:

Ising model, $O(n)$ model, Potts model