

Seminario de Probabilidades

Orador: Luis Fredes, Université Paris-Saclay, Francia

Título: A new proof of Aldous-Broder theorem.

Resumen: The Aldous–Broder algorithm is a famous algorithm used to sample a uniform spanning tree of any finite connected graph G , but it is more general: it states that given a reversible M Markov chain on G started at r and up to the cover time, the tree rooted at r formed by the steps of successive first entrance in each node (different from the root) has a probability proportional to the product of these edges according to M , where the edges are directed toward r . In this talk I will present an extension to the non-reversible case and a new combinatorial proof of this theorem. Based on a joint work with Jean-François Marckert.

El enlace para conectarse al seminario es:

Unirse a la reunión Zoom

<https://reuna.zoom.us/j/84521834914?pwd=OTZ6Y0NWM3pYTGtTbEt3c0luTG96UT09>

ID de reunión: 845 2183 4914

Código de acceso: 997973

Miércoles 14 de Abril a las 16:15 horas.