



Mês de: Novembro 2009

SEMINÁRIO DE GEOMETRIA

Dia 6 de Novembro (sexta-feira), às 16h30, na Sala A2-25

Stochastically Incomplete Graphs

Radoslaw K. Wojciechowski

(GFM)

Abstract:

We construct the heat kernel on an infinite, locally finite, connected graph and study the associated diffusion process. In particular, we will be interested in geometric conditions causing a particle undergoing the diffusion to drift to infinity in a finite time. We will see that this question can be approached effectively by an analysis of λ -harmonic functions for the discrete Laplacian.

Parcialmente suportado pela FCT ao abrigo do Financiamento Base
2009

Local:
COMPLEXO INTERDISCIPLINAR
Av. Prof. Gama Pinto, 2
1649-003 Lisboa

