

SEMINARIO

SISTEMAS DYNAMICOS

EXPOSITOR

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TITULO

Equidistribution of dilated curves.

Abstract:

Consider a light source located in a polynomial room. It is a classic question whether the whole room is illuminated by the light. This question was recently settled by Lelievre, Monteil and Weiss. In this talk, we study the variation on the illumination problem introduced by Chaika and Hubert in the context of closed curves on nilmanifolds. We give necessary and sufficient conditions for a nilmanifold being illuminated by a curve.

Lunes 10 de Julio a las 16:30 hrs, Sala de Seminarios John Von Neumann CMM, séptimo piso, torre norte, Beauchef 851.

