

UNIVERSIDADE FEDERAL DE SÃO CARLOS
DEPARTAMENTO DE MATEMÁTICA

COLÓQUIOS DO DM-UFSCAR

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Falará sobre

Parametrizing sets of solutions to equations in negatively curved groups

Classical results of Makanin and Razborov provide a combinatorial description of the set of solutions to a system of equations in a free group. This description was later refined independently by Sela and Kharlampovich-Myasnikov. This refinement lies at the heart of their solutions to the famous Tarski problems about the elementary theory of free groups. It is now referred to as Makanin-Razborov diagrams. We discuss this description and its more recent generalizations to classes of negatively curved groups.

Data: 30 de abril de 2019
Horário: 14h
Local: Auditório do DM