

UFSCar

DEPARTAMENTO DE MATEMÁTICA

COLÓQUIO

Prof. Dr. Frederico José de Vasconcelos Xavier

University of Notre Dame - USA

Falará sobre:

New mechanisms of global invertibility I

Resumo. The question of deciding when a locally invertible map admits a global inverse is one of obvious importance, with applications and connections to many different areas of mathematics. In these two talks we will survey some of the recently discovered invertibility mechanisms, rooted in global analysis, algebraic and differential geometry, topology, complex analysis and dynamical systems. Many of the results are of conceptual nature and, hopefully, can be appreciated by mathematicians of diverse backgrounds.

DATA: 24/06/2009 HORÁRIO: 16:00 Hs
LOCAL: Sala 20 (DM - UFSCar)