Centro de Investigação em Matemática e Aplicações
Departamento de Matemática

Seminário

Quarta-feira, 21 de novembro de 2012
CLAV, 14 horas (sala a confirmar)

Some applications of the standardization axiom

Abdelmadjid BOUDAOUD

University of M'sila, Faculty of Mathematics and Computer Sciences, Department of Mathematics

Abstract

This presentation is in the framework of IST, in which we intend to prove without using the axiom of choice:

- The existence of a total order on every set.

- The theorem of Szpilrajn [1930].

- Some other consequences.