

International conference on MODULES AND REPRESENTATION THEORY Cluj-Napoca, July 7 – 12, 2008



Injectivity of cozero maps on modules

Abolghasem Karimi Feizabadi

Department of Mathematics, Islamic Azad University - Gorgan Branch, Gorgan, Iran [karimimath@yahoo.com]

A cozero map is a map $c: M \to L$ with some properties, where M is an A-module and L is a lattice. In this paper we study three definitions of injectivity of cozero maps and their relation with injectivity of modules.