The 9th Seminar on Commutative Algebra and Related Topics Ferdowsi University of Mashhad, November 7-8, 2012

On the existence of maximal subring in commutative rings

Alborz Azarang

 $\begin{array}{c} Department\ of\ Mathematics,\\ Chamran\ University,\ Ahvaz,\ Iran,\\ a_azarang@scu.ac.ir \end{array}$

Abstract

A proper subring S of a ring R is called maximal subring if there is no subrings properly between S and R. In this note we study the existence of maximal subrings in commutative rings.