MAXIMAL AND MINIMAL IDEALS IN WEAKLY STANDARD RINGS

C. JAYA SUBBA REDDY[1] & K. CHENNAKESAVULU[2]

[1]Department of Mathematics, S.V. University Tirupati, Andhra Pradesh, India

[2]Department of Mathematics, Intel Engineering College, Anantapur, Andhra Pradesh, India

ABSTRACT

We prove that

- If the right ideal A of a weakly standard ring R is maximal and nil, A is a two – sided ideal and

- If A is minimal, then it is either a two – sided ideal of R or the ideal it generates is contained in the nucleus.

KEYWORDS: Alternative Ring, Characteristic Ring, Maximal, Weakly Standard Ring, Nucleus