



**PRIME AND MAXIMAL SOFT IDEALS
IN SOFT RINGS**

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Abstract

Molodtsov [D. Molodtsov, Soft set theory-first results, Global optimization, control, and games, III, Comput. Math. Appl. 37(4-5) (1999), 19-31] introduced the concept of soft set theory, which can be used as a generic mathematical tool for dealing with uncertainty. In this study the initial concepts of prime soft ideal and maximal soft ideal in soft ring are investigated. Moreover, the comparison between the prime soft ideal and maximal soft ideal in soft rings is presented.

Keywords and phrases: prime soft ideal, maximal soft ideal, idealistic prime soft ring.

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