REGULAR GENERALIZED-STAR CLOSED SETS WITH RESPECT TO AN IDEAL

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Abstract

Palaniappan et al (1993) studied about regular closed sets. Chandrasekhara Rao and Palaniappan (2000) extended their work to Regular star closed sets. In this paper, we introduce the regular generalized-star closed sets with respect to an ideal and the generalized-star regular closed sets with respect to an ideal and studied some of their properties namely, rg and g r are closed, their union is closed, but their intersection need not be closed which was explained through some examples. Also,

union of g r and rg separated open sets is open.

Key Words : _*rg**-*closed*, _*g***r*-*closed*, _*rg**-*open*, _*g***r*-*open*.

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