

Palaniappan, N.; Chandrasekhara Rao, K.

Regular generalized closed sets. (English) Zbl 0794.54002
Kyungpook Math. J. 33, No. 2, 211-219 (1993).

The authors study the behaviour of regular generalized closed (open) sets in a topological space under unions, intersections and mappings. These sets generalize *N. Levine's* generalized closed (open) sets [Rend. Circ. Mat. Palermo, II. Ser. 19, 89-96 (1970; [Zbl 0231.54001](#))], replacing open and closed sets in Levine's definition by regular open ($U = U^{-o}$) and regular closed ($U = U^{o-}$) sets respectively.

Reviewer: [B.Behrens](#) (Göteborg)

MSC:

[54A05](#) Topological spaces and generalizations (closure spaces, etc.)

Cited in **2** Reviews
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Keywords:

regular generalized closed set; regular generalized open set