

On g-Semi-Closed Sets in Generalized Topological Spaces

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Abstract: *In this paper, we have studied g-semi-closed sets in generalized topological space. We have obtained some significant properties of g-semi-closed sets and constructed various examples.*

Keywords: Generalized topological spaces, g-interior, g-closure, g-semi open set, g-semi-closed set

REFERENCES

- [1]. Csaszar, A., Generalized topology, generalized continuity, Acta Math. Hungar., 96 (2002), 351-357.
- [2]. Csaszar, A., Generalized open sets in generalized topologies, Acta Math. Hungar, 106 (2005), 53-66.
- [3]. Levine, N., Semi-open sets and semi-continuity in topological spaces, Amer. Math. Monthly, 70 (1963), 36-41.
- [4]. Hrishikesh Tripathi, g- semi-open sets in generalized topological spaces, ISSN NO 2456-5474, Vol. VII, Issue-4th may 2022.
- [5]. Njasted. O., On some classes of nearly open sets, pacific J. Math. 15(1965)961-970.