On #Regular Weakly Generalized Closed Sets in Topological Spaces

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Abstract: In this paper we introduce a new class of sets called #regular weakly generalized closed (briefly, #rwg-closed) sets in topological space. We prove that this class lies between #regular generalized closed sets and wg-closed sets. We discuss some basic properties of #regular weakly generalized closed sets and investigate the relationships with other classes of closed sets in topological spaces.

Keywords: rw-open sets, #rg-closed sets, #rwg-closed sets

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