

# REGULAR GENERALIZED CLOSED SET IN THE CLOSURE SPACE.

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- **Abstract:** This paper is to study the interpretation of regular generalized closed set in the closure space, and we will denote it briefly by (rgcl - closed). Also, it describes several notions of its basic properties. The characteristics of (rgcl - closed) sets and rgcl - open sets identified through the closure space. In addition, the concept of rgcl -closed function is studied by using of rgcl - closed sets with introduction of some important propositions and theorems.
- **Keywords:** closure space, basic properties, propositions and theorems