

\tilde{g}_α WG-REGULAR AND \tilde{g}_α WG-NORMAL SPACES

M. MARIA SINGAM¹ AND G. ANITHA²

¹ Department of Mathematics,
V. O. Chidambaram College,
Tuticorin, Tamil Nadu, India

²Research Scholar,
V.O.Chidambaram College,
Tuticorin, Tamil Nadu, India

Abstract

The aim of this paper is to introduce and characterize \tilde{g}_α -wg-regular spaces and \tilde{g}_α -wg-normal spaces via the concept of \tilde{g}_α -wg-closed sets. A subset of a space X is called \tilde{g}_α -weakly generalized closed (briefly \tilde{g}_α -wg-closed) set if $cl(int(A)) \subseteq U$ whenever $A \subseteq U$ and U is \tilde{g}_α -open.

Key Words : \tilde{g}_α -wg-closed set, \tilde{g}_α -wg-open set, \tilde{g}_α -wg-regular spaces, \tilde{g}_α -wg-normal space, \tilde{g}_α -wg-irresolute function.

2000 AMS Subject Classification : 54D10, 54D15, 54C08, 54C10.

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