$\mathcal{C}$ mαg CONTINUOUS FUNCTION IN TOPOLOGICAL SPACES

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Abstract: In this paper, we introduce and investigate a new class of mappings namely contra mildly α generalized continuous (briefly $\mathcal{C}$ mαg continuous) maps and discuss their relation between few existing contra continuous maps.

Keywords and Phrases: $\mathcal{C}$ mαg continuous functions, mαg irresolute maps.

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1. Introduction and Preliminaries

In 1996, Dontchev [3] introduced a new notion of contra continuity. In 1999 J. Dontchev and Noiri [4] introduced and investigated contra semi-continuous functions. In 2001 S. Jafari and T. Noiri [5] introduced contra α continuous functions between topological spaces. Also in 2002 Jafari.et.al [6] introduced contra precontinuous functions. In this paper, we apply the concept of contra continuity to mildly α generalized closed sets. Preliminaries

Throughout this paper, (X, τ), (Y, σ) and (Z, η) (or simply X, Y and Z) always denote topological spaces on which no separation axioms are assumed unless otherwise mentioned. For a subset A of a space X, $cl(A)$ and $int(A)$ denote the closure