

## FIXED POINTS AND COMMON FIXED POINTS OF MAPPINGS ON CAT(0) SPACES

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**Abstract.** In this paper, we will consider the problem of existence of common fixed points for two mappings  $T$  and  $S$  on a CAT(0) space  $X$ . We will suppose that  $T$  and  $S$  belong to the class of mappings satisfying a generalization of Suzuki's condition  $(C)$ . Our result improves a number of very recent results of A. Abkar, M. Eslamian in [2] and, as well as, those of B. Nanjaras et al. in [3].

**Key Words and Phrases:** CAT(0) spaces, fixed points, common fixed point.

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