Shahzad, N.
Invariant approximations in CAT(0) spaces

Department of Mathematics, King Abdul Aziz University, P.O. Box 80203, Jeddah, 21589, Saudi Arabia

Abstract

Some common fixed point and invariant approximation results for CAT(0) spaces are obtained. Our results improve and extend some results of Shahzad and Markin [N. Shahzad, J. Markin, Invariant approximation for commuting mappings in hyperconvex and CAT(0) spaces, J. Math. Anal. Appl. 337 (2008) 1457-1464] and Dhompongsa, Kaewkhao, and Panyanak [S. Dhompongsa, A. Kaewkhao, B. Panyanak, Lim's theorem for multivalued mappings in CAT(0) spaces, J. Math. Anal. Appl. 312 (2005) 478-487]. © 2008 Elsevier Ltd. All rights reserved.

Author Keywords