

**FIXED POINTS OF (ψ, ϕ) -WEAK CONTRACTIONS IN REGULAR
CONE METRIC SPACES VIA NEW FUNCTION**

ARSLAN HOJAT ANSARI, SUMIT CHANDOK, NAWAB HUSSAIN AND LJILJANA PAUNOVIĆ

ABSTRACT. In this paper, using the context of the new function, some sufficient conditions for the existence of coincidence and common fixed points of maps which satisfy generalized (ψ, ϕ) -weak contractions are obtained in the context of regular solid cone metric spaces. Our results generalize, extend, unify, enrich and complement many existing results in the literature. An example is given illustrating the use of our obtained results.

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Karaj Branch, Islamic Azad University
Department of Mathematics
Karaj, Iran
E-mail address: analsisamirmath@gmail.com

Punjab Technical University
Khalsa College of Engineering and Technology
Department of Applied Sciences
Amritsar 143-001, India
E-mail address: chansok.s@gmail.com

King Abdulaziz University
Department of Mathematics
P.O. Box 80203, Jeddah 21589, Saudi Arabia
E-mail address: nhussain@kau.edu.sa

Education School in Prizren-Leposavić
Nemanjina B.B, 38218, Leposavić, Serbia
E-mail address: ljiljana.paunovic@gmail.com