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## WEAK COMPATIBLE AND COMPATIBLE MAPPINGS TYPE(R) IN CONE METRIC SPACE

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## Abstract

The aim of this paper is to prove a common fixed point theorem for two pairs of self mappings in a cone metric space without assuming the normality of cone. Here we consider one pair of compatible mappings of type (R) and another pair of weakly compatible. Our results extend and modify the result of [11] and generalise many other results in the literature.

Key Words : Weakly compatible mappings, Compatible mappings, Common fixed point, Cone metric space.

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