

## SOME FIXED POINT THEOREMS IN BANACH SPACES FOR THREE WEAKLY COMPATIBLE MAPPINGS

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**Abstract.** A fixed point theorem for three weakly compatible mappings on a Banach space is proved. An application is also given for the solvability of certain non-linear functional equations. The results generalize the corresponding theorems in [4].

**Key Words and Phrases:** Banach space, coincidence point, common fixed point, weakly compatible, generalized contractive condition.

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