

## Approximating common fixed points of noncommuting discontinuous weakly contractive mappings in metric spaces

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### ABSTRACT.

In this paper we prove the existence of coincidence points and common fixed points for a large class of noncommuting discontinuous contractive type mappings in metric spaces. Moreover, a method for approximating the coincidence points and common fixed points is also constructed, for which both a priori and a posteriori error estimates are obtained.

These results generalize, extend and unify several well-known recent related results in literature.

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