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**Common fixed points of mappings satisfying implicit contractive conditions.** (English)

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Summary: In this article, we obtain, in the setting of metric spaces or ordered metric spaces, coincidence point and common fixed point theorems for self-mappings in a general class of contractions defined by an implicit relation. Our results unify, extend, generalize many related common fixed point theorems from the literature.

**MSC:**

- 54H25 Fixed-point and coincidence theorems (topological aspects)
- 54E40 Special maps on metric spaces
- 54F05 Linearly ordered topological spaces, generalized ordered spaces, and partially ordered spaces

Cited in **1** Review  
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**Keywords:**

implicit relation; contraction; coincidence point; fixed point; common fixed point

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