

**RELATED FIXED POINT THEOREMS FOR SET-VALUED  
MAPPINGS ON TWO COMPLETE AND COMPACT METRIC  
SPACES**

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**Abstract**

A related fixed point theorem for set-valued mappings on two complete metric spaces is obtained.

A generalisation for two compact metric spaces is also obtained.

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Key Words and Phrases : Fixed point, Set-valued mappings, Complete metric space, Compact metric space.

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