

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

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### **Abstract**

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