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Common fixed point theorems for single-valued and multivalued mappings. (English)

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Zb. Rad., Prir.-Mat. Fak., Univ. Novom Sadu, Ser. Mat. 18, No. 2, 145-151 (1988).

Using the notion of compatible mappings, common fixed point theorems for a hybrid of single-valued and multivalued mappings in complete metric spaces are proved.

Reviewer: S.N.Mishra (Lesotho)

MSC:

54H25 Fixed-point and coincidence theorems (topological aspects)

47H10 Fixed-point theorems

Cited in **3** Documents

Keywords:

compatible mappings; common fixed point theorems; hybrid of single-valued and multivalued mappings