

Abbas, Mujahid; Rhoades, B. E.

Common fixed point theorems for occasionally weakly compatible mappings satisfying a generalized contractive condition. (English) Zbl 1175.47050

Math. Commun. 13, No. 2, 295-301 (2008).

The authors give some common fixed point theorems for occasionally weakly compatible mappings in symmetric spaces satisfying a generalized contractive condition, based on a result of *G. Jungck* and *B. E. Rhoades* [*Fixed Point Theory* 7, No. 2, 287–296 (2006); erratum *ibid.* 9, No. 1, 383–384 (2008; [Zbl 1118.47045](#))].

Reviewer: [In-Sook Kim \(Suwon\)](#)

MSC:

[47H10](#) Fixed-point theorems

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

[47H09](#) Contraction-type mappings, nonexpansive mappings, *A*-proper mappings, etc.

Cited in **2** Reviews
Cited in **13** Documents

Keywords:

[common fixed point](#); [occasionally weakly compatible mapping](#); [symmetric space](#)