

Pathak, H. K.; Cho, Y. J.; Kang, S. M.; Madharia, B.

Compatible mappings of type (C) and common fixed point theorems of Greguš type. (English) [Zbl 0922.54036](#)

Demonstr. Math. 31, No. 3, 499-518 (1998).

The authors define the concept of compatible mappings of type (C), refining the related concepts of type (A) and (B) in normed spaces [cf. *G. Jungck, P. P. Murthy* and the second author, *Math. Jap.* 38, No. 2, 381-390 (1993; [Zbl 0791.54059](#))]. They establish common fixed point theorems of Greguš type extending several known results, among others, that one of *B. Fisher* and the reviewer [*Int. J. Math. Math. Sci.* 9, 23-28 (1986; [Zbl 0597.47036](#))].

Reviewer: [S.Sessa \(Napoli\)](#)

MSC:

[54H25](#) Fixed-point and coincidence theorems (topological aspects)
[54E45](#) Compact (locally compact) metric spaces

Cited in **2** Reviews
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