

## **GREGUŠ S TYPE COMMON FIXED POINT THEOREMS ON COMPATIBLE MAPPINGS OF TYPE (C)**

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### **Abstract**

In this paper, we prove some common fixed point theorems for a pair and two pairs of self mappings in normed spaces using the notion of compatible mapping of type (C), we also prove common fixed point theorems under Greguš's  $\psi$ -type contractive conditions. Our results extend, improve and generalize the result of Pathak et al. Suitable examples are given to show that compatible mappings of type (C) is stronger than compatible, compatible mappings of type (T), compatible mappings of type (P) etc.

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