Abstract

The aim of this paper is to establish the generalization of common fixed point theorem proved by A. Djoudi by using weakly compatible mappings.

References

- A. Djoudi, 2003 A common fixed point theorem for compatible mappings of type (B) in
A Comment on Djoudi’s Fixed Point Theorem

- V. Srinivas and R. Umamaheshwar Rao, A fixed point theorem for four self maps under
weakly compatible maps, Proceeding of World Congress on Engineering, Vol. II,WCE (2008), London,U. K. Main theorem is a generalization of Djuodi’s theorem by virtue of
the weaker conditions such as; weakly compatibility of the pairs (S,I) and (T,J) in place of
compatibility of type (B).

Index Terms

Computer Science
Applied Mathematics

Keywords
Compatible mappings
Compatible mappings of type (A)
Compatible mappings of weakly
compatible type(B)
Common fixed points