A Comment on Djoudi’s Fixed Point Theorem

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
- 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 Djoudi’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
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Keywords
Compatible mappings
Compatible mappings of type (A)
Compatible mappings of weakly type (B)
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