DATA DEPENDENCE OF THE FIXED POINTS IN A SET WITH TWO METRICS

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Abstract. A new variant of Maia fixed point theorem is presented. This variant is useful to study data dependence of the fixed points. Some open problems are presented and some applications to integral equations are given.

Key Words and Phrases: generalized contractions, generalized metric spaces, Maia fixed point theorems, data dependence, well posedness of fixed point problem, limit shadowing property, integral equations.

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References

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