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A Common Fixed Points in Modular Fuzzy b-Metric

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The modular fuzzy b-metric space is defined in this study, and we are interested in proving a general common fixed point theorem for pair unvalued mappings in modular fuzzy b-metric spaces. The findings in this work generalize the findings in [1] and produce additional specific findings that are supported by examples. An application to prove the existence of an integral equation's solution is shown to demonstrate the importance of our result

Biography

[1] N. Makran, A. El Haddouchi, B. Marzouki, A common fixed point of multi-valued maps in b-Metric space. U.P.B. Sci. Bull., Series A, Vol. 82, Iss. 1, 2020 ISSN 1223-7027

[2] N. Makran, A. El Haddouchi, B. Marzouki, A generalized common fixed points for multivalued mappings in Gb-metric spaces with an Application. U.P.B. Sci. Bull., Series A, Vol. 83, Iss. 1, 2021.

[3] N. Makran, A. El Haddouchi, B. Marzouki, A generalized common fixed point of multi-valued maps in b-Metric space. Bol. Soc. Paran. Mat, ISSN-0037-8712 IN PRESS

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