DISCUSSION OF HYBRID JS-CONTRACTIONS
IN b-METRIC SPACES WITH APPLICATIONS TO THE
EXISTENCE OF SOLUTIONS FOR INTEGRAL EQUATIONS

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Abstract. The purpose of this work is to introduce the new concept of a hybrid JS-contraction in
b-metric spaces which includes various contractions in such spaces. The existence and uniqueness of
a fixed point for self mappings satisfying the proposed contractive condition on b-metric spaces are
studied. As an application, the existence result of a unique solution for integral equations is also
given in order to illustrate the effectiveness of the obtained results.
Key Words and Phrases: Hybrid JS-contractions, b-metric spaces, integral equations.
2020 Mathematics Subject Classification: 47H09, 47H10.

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