COMMON FIXED POINT THEOREMS
IN C*-ALGEBRA-VALUED B-METRIC SPACES
WITH APPLICATIONS TO INTEGRAL EQUATIONS

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Abstract. Based on the concepts of C*-algebra-valued b-metric space, we give some common fixed point results in C*-algebra-valued b-metric space. As an application, existence and uniqueness result for one type of integral equations is also discussed.

Key Words and Phrases: Fixed point, b-metric space, C*-algebra, common fixed point, compatible, weakly compatible.

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