COMMON FIXED POINT THEOREM IN b_2-METRIC SPACES

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ABSTRACT

We establish a unique common fixed point theorem for two pair of weekly compatible maps satisfying a contractive condition in a complete b_2-metric space. When the following have been proved, I recommend it to be published, which extends and generalizes some known results in metric space to b_2-metric space.

Keywords: Common fixed point; complete b_2-metric space; weekly compatible maps.