

SOME REMARKS ON MULTIDIMENSIONAL FIXED POINT THEOREMS

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Abstract. In this paper, we show that most of the multidimensional (including coupled, tripled, quadrupled) fixed point theorems in the context of (ordered) metric spaces are, in fact, immediate consequences of well-known fixed point theorems in the literature.

Key Words and Phrases: Partial ordered metric space, fixed point theorem, contraction, mixed monotone property.

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