FINDING A METRIC FOR A FAMILY OF CONTRACTIVE FUNCTIONS

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Abstract

On this paper, with the help of some known results on cone metric spaces, we find a metric with respect to which a class of non-contractive functions on a given metric turn to be contractive. Namely, if we see that for a given mapping, there is a cone metric space in which the mapping is contractive, than we can construct a metric with respect to which the mapping will be contractive as well.

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