

Abstract 80 – Paper ID: 075**Fixed points of some contractive mappings in S_b metric space**

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Abstract

In this paper, first we discuss about various generalizations of metric space. Our discussion gives emphasis on S_b -metric space on how it is obtained after introduction of various forms of generalized metric spaces. Secondly, we discuss about various generalizations on Banach contraction principle. In this case our discussion is limited to S_b -metric spaces. This paper will serve as a sizable survey on fixed points of contraction mappings on S_b -metric spaces.

Keywords: Fixed point, Banach contraction principle, metric space, S-metric space, S_b -metric space