

# Random equations and its application towards best random proximity point theorems

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## ABSTRACT.

In this paper best random proximity points equations have been proved. As a result best random proximity points and best random  $p$ -proximity points have been proposed with the help of new generalized notions. These are generalizations of random fixed point theorems. Also, the concept of random best  $p$ -proximity points has also been proposed in this work and corresponding theorems are also defined here.

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