
FIXED POINT THEOREMS ON DIGITAL RECTANGULAR METRIC SPACE

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ABSTRACT

In this study we focus on digital images with κ adjacency relation. We define rectangular metric on digital images. By using the differences related with convergency, Cauchy sequence and κ continuity in digital images and by using rectangular property we obtain and prove Caristi and Kannan type fixed point theorems.

Keywords Digital Image · Rectangular metric · Fixed point

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