Abstract

Digital topology was first studied in the late 1960's by the computer image analysis researcher Azriel Rosenfeld[9]. The digital plane is a mathematical model of the computer screen. In this paper we investigate explicit forms of *GαO-kernel and *gα-closed sets in the digital plane. Also we prove that the digital plane is an αT1/2** space.

Reference


**Index Terms**

Computer Science
Mathematical

**Applications**

**Key words**

\( *g \alpha \)-closed sets

\( \alpha \)-open sets

\( *G \alpha O \)-kernel

\( \alpha T1/2^* \) space

digital plane