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 *GaO-kernel and *ga-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

$g\alpha$-open sets

*G$\alpha$-kernel

$\alpha$T$1/2$** space

digital plane