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

GαO-Kernel in the digital plane


Index Terms

Computer Science Mathematical Applications

Key words

*gα-closed sets
gα-open sets
*GαO-kernel
αT1/2** space
digital plane