ANALISIS PERBANDINGAN PENDETEKSI TEPI PADA CITRA MEDIS MENGGUNAKAN METODE SOBEL DAN METODE ROBERT'S

COMPARATIVE ANALYSIS OF DETECTION OF EDGE ON MEDICAL IMAGE USING SOBEL METHOD AND ROBERT'S METHOD

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ABSTRACT

The use of digital image processing is growing rapidly. Some examples of life areas that require digital image processing include the health field. In the medical world, medical images are used to provide information about the development of the state of the human body through the process of x-rays. However, the image generated from the X-ray process has not fully provided complete and clear information. For that, for the results of x-ray process clearly visible, then the image analysis process should be able to detect the boundaries of the image edge with other objects in the medical image that we will analyze.There are many methods in edge detection, but this study only uses the Sobel method and Robert's method where research will yield one of the best methods between the two methods.

Keywords: Edge detection, Medical image, Robert, Sobel