DEVELOPMENT OF SOFTWARE FOR THE CLASSIFICATION AND ANALYSIS OF TWO DIMENSIONAL INPUTS

Project Number : CS/026

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JUNE 1990

HIGHER TECHNICAL INSTITUTE
PROJECT NO
1731

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Summary

The aim of this project, is to examine the field of Image Processing, both from the theoretical and practical point of view.

A general introduction to image processing together with the historical background is presented. There is a brief description of image processing consepts and a presentation of a typical image processing lab. Also, the various types of images (binary images, gray level images) and the most known image processing algorithms are described in detail.

Finally, there are examples of each operation, together with a picture of the image before and after the operation is applied.

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