

Introduction of Computer Systems and Applications

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INTRODUCTION OF COMPUTER SYSTEMS AND APPLICATIONS

Editors

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21. IMAGE EDITING

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Abstract

The images are two dimensional data sets representing the intensity of light on both y-axis and x-axis. The digital image is a converted version of analog (original) image), over the digital image various operations can be carried such as filtering, image smoothing, boundary detections and many others.

21.1 Introduction

With software editor, image can be edit and also convert to different graphics formats. Image editors typically deal with only bitmapped images such as GIFs, JPEGs and BMPs; however, some editors support both bitmaps and illustrations (see vector graphics). Common functions are manually cropping and resizing the image and using "filters" to adjust brightness, contrast and colors.

21.2 Objectives

In this lab, students will learn how to do the following:

- Use Marquee, lasso and Magic Wand tool to select parts of an image in various ways.
- Move a selection
- Deselect a selection
- Add to subtract from a selection
- Transform a selection