1/2 Image Processing Output Enhanced Digital | Image Image Image Phocessing is the process of transform on image into a digital form & pertorming certain operations to get bonne useful information from it. The image processing system usually treats all Emages as 20 signal whon applying certain predaterm syndl processing methods. Image filtering is changing the appearance of on image by altering the colors of the pixels. Increasing the contrast as well as adding a variety of special effects to images are some o the results of applying litters. the my pyllo our byldens -> Compressiono Image compression is a process applied to graphics lile to minimize it's size in bytes without dogsading image quality below an

acceptable threshold. By additing the file size, more images can be stored in agricen amount of disk on memory space.

- Morphology

Morphology is a board set of mage processing operations that process smages based on shapes. Morphological operations apply a structure clement to an imput Pmage, creating an output image of the same Size.

-> Edge Ofetection

Edge detection is a technique of image processing used to identify points in adigital processing used to identify points in adigital emage with discontinuities, simply to say, sharp changes in the image brightness. These points where the image brightness varies sharply are called the edges (or boundaries) of the image.

A process that transforms the intensity values of an image to a new range, usually [0255]

too 8-bit mages. The goal is to increase The contrast b/w the dankest & brightest pixels, while preserving the relative deflorences among the intermediate values. -> Image Enhancement prideomobile

The process of adjusting digital images so that acsults are more suitable for display on further image analysis for crample you can semove noise, sharpen, or brighten on image, making it easier to identify key features.

- Image Histogram

A type of bristogram that acts as a graphical representation of the tonal distribution in digital mage It plats the no of pixels for each tonal values. By locking at the bistogramm for a specific image a viewer will able to .
judge the entire torial distribution at a glomes. -> Misto gram Equalization

A method to process images in order to adjust the contrast of image by modifying the intensity distribution of the histogram. The objective of this technique is to give a Uneas trend to comulative probability funda associated to the image man 2010

-> Water masking transmerlas spentie

Use of a kind of marker overtly embedded in a digital media such as audid, video or image which enables us to know the source on owner of the copy right. It is a process of superimposing a logo or piece of text atopa document or mage file. -> Tranformation.

An image transform can be applied to an image to convert it from one domain to another vewing an image.

Steps:

-> Image nestoration

___ Image Resonstruction

- Image Super nesdution.

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