Team 8

1. Taha khambati
2. Priyanshu chawla
3. Pragada suresh

Project overview

Our project is based on the compression of large size tif image file into the smaller size image file without loosing its properties .here we used the matlab software for the compression of the image

Required software is matlab and a large size tiff image

Matlab code

close all;

clear all;

f1 = @(block\_struct) dct2(block\_struct.data);

f2 = @(block\_struct) idct2(block\_struct.data);

Im=imread('body2.tif');

imwrite(Im,'new.tif');

figure,imshow(Im);

J = blockproc(Im ,[8,8],f1);

depth = find(abs(j)<150);

J(depth) = zeros(size(depth));

k = blockproc(J ,[8,8], f2)/255;

figure,imshow(k);

k

imwrite(k,'newc.tif');

compression\_ratio = numel(J)/numel(depth)

video demonistration



Learning outcomes

After completion of this paper , we got to know about how a research paper is formulated and presented

From the project we have learned about the image compression of large size image file into smaller size image file without losing its properties

We got to know that we can also compress any type of image file like jpge , tiff ,and etc

And also we have known that with help of matlab software we can do any type of compression of the different type of images