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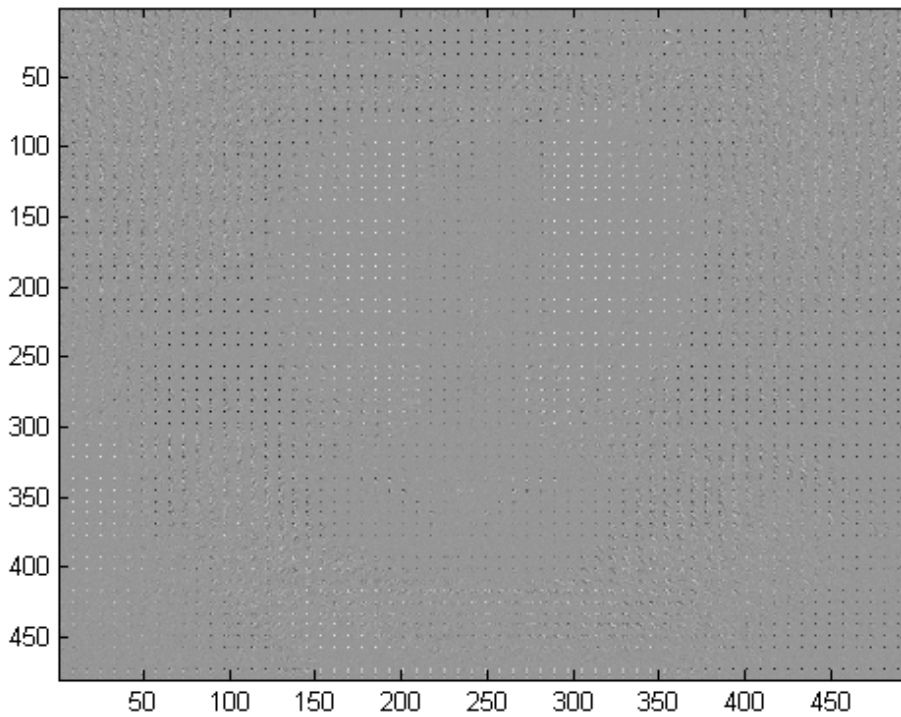
## DCTmanny.m

script to show block frequencies and histogram

```
% S. Allen Broughton 29 Oct 10
```

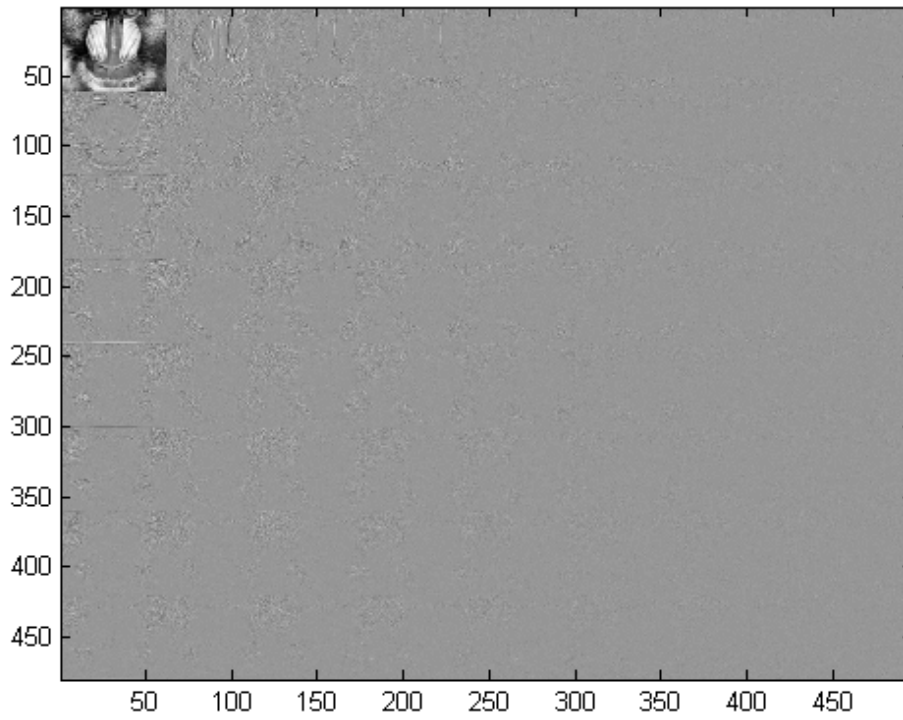
## load picture

```
load mandrill
X = X(1:480,1:496); % divisible by 8
X = X-127;
dX = blkdct2(X,8,8);
figure(1)
imagesc(dX);
colormap(gray);
```



## group frequencies

```
bdX = blkgroupfreqs(dX,8,8);
figure(2)
imagesc(bdX)
colormap(gray)
```



### histogram of DC coefficient

```
figure(3)  
blkfreqhist(dx,8,8,0,0,20);
```

