clear,c1c,



img=imread(.3\_edge\_large.bmp.); %transform to gray image

if isrgb(img)

img=rgb2gray(img);

end

%percentage of fourier descriptors used to recover image usedPercent=0.3;

[rows cols]=size(img);

%transfomr gray image to binary image (bwImg).

%As input image is RGB, resulting binary image may look a lit different from

%original RGB image.

bwImg=im2bw(img,graythresh(img));

% get the boundaries of binary image bwImg,alternatively, 4--connectivity,

%.ccw.--counter clockwise.X,Y store the coordinates of ordered boundary

%points.

Bd=findBoundary(bwImg,8,.cw');

BdPoints.d(1); X=BdPoints(:,1); Y=BdPoints(:,2); noPts=length(X);

x%

%show original image in gray format

figureCName.,.original image.,'NumberTitle',.off.); titlel=sprintWoriginal image,%d points.,noPts); imshow(img),title(titlel);

%%

%set true to save edge points(X,Y) to txt file if 0

f=fopen(3\_edge.txt.,.w.);

for k=1:noPts

