function B.firldEloundary(BW,conn,dir)

,g8oUNDARIES Trace object boundaries.

268=BOUNDARIESOW) traces the exterior boundaries of objects in the binary

%image 104.8 is a p\_by\_l cell array,where p is the number of objects in the

96image.Each cell contains a Q\_by\_2 matrix,each row of which contains the

%row and column coordinates of a boundary pixel.Q is the number of boundary

%pixels for the corresponding object.Object boundaries are traced in the

%clockwise direction.

%B.BOUNDARIES(BW,CONN) specifies the connectivity to use when tracing

%boundaries.CONN may be either 8 or 4.The default value for CONN is 8.

%B=BOUNDARIES(Bw,CONN,DIR) specifies the direction used for tracing

%boundaries.DIR should be either .cw. (trace boundaries (lockwise) or

(trace boundaries counterclockwise),If DIR is omitted BOUNDARIES

%traces in the clockwise direction.

if nargin<3

;

end

if nargin<2 conn=8, end

L.bwlabel(BW,conn);

%The number of objects is the maximum value of L.Initialize the cell array

%ES so that each cell initially contains a 0\_by\_2 matrix. nutnObjects.max(L(:));

if numObjects>0

B.{zeros(0,2));

B.repmat (B, n umObject s , 1) ;

else