

Feature Extraction:

Code:

% Read the image

Coins = imread('coins.png');

% Convert the image to binary

CoinsBW = im2bw(Coins);

% Find the boundary of the object (coin) at coordinate (27,60)

CoinBoundary = bwtraceboundary(CoinsBW, [27, 60], 'N');

% Display the original image

Imshow(Coins);

Hold on;

% Plot the detected boundary in red

Plot(CoinBoundary(:,2), CoinBoundary(:,1), 'r', 'LineWidth', 2);

Hold off;