clc;

clear;

close all;

img = imread('coins.png');

psf = fspecial('motion', 21, 11);

b = imfilter(im2double(img), psf, 'conv', 'circular');

r = deconvwnr(b, psf);

subplot(1,3,1), imshow(img), title('Original');

subplot(1,3,2), imshow(b), title('Blurred');

subplot(1,3,3), imshow(r), title('Restored');

