mid1=(min(mid1)+max(mid1))/2;

z(i,j)=mid1;

endendsubplot(3,5,12),imshow(uint8(z)),title('mid point filtered image');

%alpha-trimmed filterm = 3; n = 3; d = 2;

if (d <= 0)| (d/2 ~= round(d/2))error('d must be a positive, even integer.')

end

inclass = class(I);g = im2double(I);

f = imfilter(I, ones(m, n), 'symmetric');

for k = 1:d/2f = imsubtract(f, ordfilt2(I, k, ones(m, n), 'symmetric'));end

for k = (m\*n - (d/2) + 1):m\*nf = imsubtract(f, ordfilt2(I, k, ones(m, n), 'symmetric'));end

f = f / (m\*n - d);