

```

function out=Filter_Glass(img)

size_info=size(img);

height=size_info(1);

width=size_info(2);

N=5;

out=zeros(height,width,3);

for i=1:height

    for j=1:width

        temp=uint8(rand()*(N^2-1));

        m=temp/N;

        n=mod(temp,N);

        h=mod(double(i-1)+double(m),double(height));

        w=mod(double(j-1)+double(n),double(width));

        if w==0

            w=width;

        end

        if h==0

            h=height;

        end

        out(i,j,:)=img(h,w,:);

    end

end

end

```

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