

I5_3

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A = imread('cameraman.tif');
A = imresize(A,0.5);
B = zeros(128,384);
B = double(B);

for i=1:1:128
    for j=1:1:128
        x = i*2+j;
        B(j,x) = A(j,i);
    end
end
subplot(2,2,1);
imshow(B,[]);
B1=B;
tform = maketform('affine',[1 0 0; 0.5 1 0; 0 0 1]);
B1 = imtransform(A,tform);
subplot(2,2,2);
imshow(B1,[]);

C = zeros(512,128);
C = double(C);
for i=1:1:128
    for j=1:1:128
        y = i+j*3;
        C(y,i) = A(j,i);
    end
end
subplot(2,2,3);
imshow(C,[]);
C1=C;
tform = maketform('affine',[1 0 0; 0.5 1 0; 0 0 1]);
C1 = imtransform(A,tform);
subplot(2,2,4);
imshow(C1,[]);
```

