

Experiment 16

Sharpening an image using fspecial()

```
im = imread('image.jpg');  
sharpfilter = fspecial('unsharp');  
subplot(131),imshow(im),title('ORIGINAL');  
sharp = imfilter(im,sharpfilter,'replicate');  
subplot(132),imshow(sharp),title('Sharpened image');  
sharpmore = imfilter(sharp,sharpfilter,'replicate');  
subplot(133),imshow(sharpmore),title('Excessive sharpened image');
```



Conclusion

Input image sharpened using fspecial filter. Excessive sharpening however produces negative results.

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