



Department of Computer Science
California State University, Channel Islands

MATHCOMPPH-546: Pattern Recognition
Lesson 1 phys546 Review of The Fourier Domain
RE_1C

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Do exercise 11 in 'Lesson 1 Image Restoration exercise.pdf' and pass in the m-file and images.

```
a = readim('blurrl.tif')
```

```
b = +(rr<=7)
```

```
c = ft(b)
```

```
d = c*conj(c);
```

```
ans = ift((d/(d+SNR))*ft(a)/c)
```

Lower the value of K it increase the readability.

for k =.05



For $k=.02$



for $k=.01$

