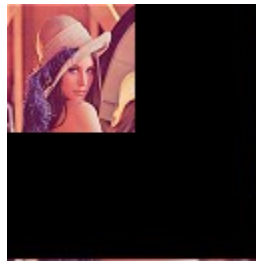


Initial work to perform the fwd dwt on a RGB image

The program jpeg-2000-test/ipython_fixbv/test_dwt_fwd_dwt.py reads the image jpeg-2000-test/ipython_fixbv/small5.png. Which is an RGB 128 X 128 image



Using the routines in jpeg-2000-test/ipython_fixbv/waveletsim_53.py. To perform the fwd dwt. 1 level dwt starting with 128 x 128 image results in image 64 x 64

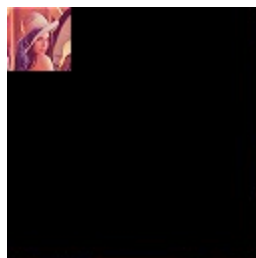


2 levels dwt starting with 128 x 128 image results in image 32 x 32

Modifying the lines 42-44 jpeg-2000-test/ipython_fixbv/test_dwt_fwd_dwt.py

```
r = dwt.fwt97_2d(r, 1)
g = dwt.fwt97_2d(g, 1)
b = dwt.fwt97_2d(b, 1)
```

```
r = dwt.fwt97_2d(r, 2)
g = dwt.fwt97_2d(g, 2)
b = dwt.fwt97_2d(b, 2)
```



3 levels dwt starting with 128 x 128 image results in image 16 x 16

Modifying the lines 42-44 jpeg-2000-test/ipython_fixbv/test_dwt_fwd_dwt.py

```
r = dwt.fwt97_2d(r, 1)
```

```
g = dwt.fwt97_2d(g, 1)
b = dwt.fwt97_2d(b, 1)
```

```
r = dwt.fwt97_2d(r, 3)
g = dwt.fwt97_2d(g, 3)
b = dwt.fwt97_2d(b, 3)
```

