

## More Errata (#3)

pp. 36-40 had page number and page order issues. The original scan had the real page 41 labelled 39 (and in the page 39 position), and then the real 39 labelled 40 and in the page 40 position. For a while then, the real page 39 got moved to the page 39 position but was labelled 40, the real 40 was in the page 40 position, and the real 41 was moved to the proper spot in 41-46 but labelled 39. This confused people... the correct pages were in the correct places but labelled with wrong numbers.

So, I re-scanned, now all should be well (as of 4:10 pm 10/17/02)

end of class 10/17/02: the "2 $\pi$ " rotation should have said:

$$\hat{\Theta} = (-\sin\phi, \cos\phi, 0)$$
$$\phi = 2\pi \quad = (-\sin 2\pi, \cos 2\pi, 0) = (0, 1, 0)$$

$$\theta = 0$$

then  $\underline{U} = \begin{pmatrix} e^{-i2\pi/2} & 0 \\ 0 & e^{+2\pi i/2} \end{pmatrix} = \begin{pmatrix} -1 & 0 \\ 0 & -1 \end{pmatrix}$