

1. Chapters 1 and 8: wording

“Time instance” should be read as “time **instant**”.

2. Chapters 1, 5 and 6: clarification

According to Eq. (1.30), the Fourier transform of $f(x, y)$ is denoted as $Ff(\xi_x, \xi_y)$. With this notation, the Fourier transform of $f^*(x, y)$ (where * denotes conjugate) is $Ff^*(\xi_x, \xi_y)$. It is not difficult to see that

$$Ff^*(\xi_x, \xi_y) = [Ff(-\xi_x, -\xi_y)]^* \triangleq (Ff)^*(-\xi_x, -\xi_y).$$

In the literature $(Ff)^*(-\xi_x, -\xi_y)$ is often used. Thus I think a clarification is necessary. Such a relation applies to the windowed Fourier transform as well. The related equations in the book, (1.36), (5.13), (6.4) and (6.5), are all correct.

3. Chapter 4-pp114-116: typo

All $f_l(x, y)$ should be read as $f_l'(x, y)$.

4. Chapter 4-p123: symbol unification

$$\hat{g}(x, y) = \angle \hat{\omega}(x, y) - \frac{\pi}{2} = \arctan 2[-\hat{\omega}_x(x, y), \hat{\omega}_y(x, y)] \in (-\pi, \pi]. \quad (4.6)$$

5. Chapter 4-p127-the 3rd line above Eq. (4.10): typo

“the already wrapped phase” should be “the already **unwrapped** phase”.

6. Chapter 6-p171-the 3rd line: typo

“Eq. (6.57)” should be “**Eq. (6.55)**”.