Errata for Chapter 8 of Handbook of Medical Imaging, Volume 2:

Page 453, “(lone) real eigenvector” should be “(lone) positive eigenvector”.

Page 456, there are three changes required (see here for a scanned page with these changes penciled in):

1. Just before Eq. (8.13), change “zeroing the component of \( \mathbf{x} \) in the direction of \( \hat{\mathbf{p}} \)” to “replacing the component of \( \mathbf{x} \) in the direction of \( \hat{\mathbf{p}} \) by a constant \( c \)”.

2. Add \( +c\hat{\mathbf{p}} \) to the end of Eq. (8.13).

3. Just before the end of the next-to-last paragraph, change “followed by substitution (8.13)” to “followed by (8.13) with \( c = f(1-\mathbf{a}) \)”.

The reason for the changes on page 456 is that, without them, the image plane passes through the origin, instead of being at the position shown in Figure 8.2 (a) and (b). The figure is more commonly accepted, so we should change the text.

Page 459, at end of first paragraph, \( 0 \leq \mathbf{a}, \mathbf{b} \leq 1 \) should be \( 0 \leq \mathbf{a}, \mathbf{b} < 1 \).

Page 469, on third line after Eq. (8.23), \( w_i \) should be \( w_i^2 \).

Page 490, in Algorithm 8.7, step 4, change \( \sigma_k \) to \( \sigma_k^2 \).