Image Analysis, Classification and Change Detection in Remote Sensing, Third Revised Edition: Errata

Page 10, 7th line from bottom

500×500 should read 5000×5000

Page 23, 3rd line

...where $\boldsymbol{I}$ is the $r \times r$ identity matrix

Page 40, 3rd Equation

$$\mathrm{var}(Z) = \int_0^1 (z - 1/2)^2 \cdot 1 \; dz = 1/12.$$

Page 70, Equations (2.87)

The second equation should read:

$$\sigma_b^2 = \frac{m\sigma^2}{m \sum x(\nu)^2 - (\sum x(\nu))^2}$$

Page 151, last para

"shows the logarithm of the eigenvalues" should read "shows the eigenvalues"

Page 170, near center

```
result = cv.Canny(band, 50, 150)
```

Page 190, 3rd last line

"Chapters 6 and 9" should read "Chapters 7 and 9"

Page 417, Definition A.1

$$\alpha(\boldsymbol{x} + \boldsymbol{y}) = \alpha\boldsymbol{x} + \alpha\boldsymbol{y}$$

Page 421, 2nd Equation

$$\boldsymbol{\Sigma}(\nu + 1)^{-1} = \begin{pmatrix} \boldsymbol{\mathcal{X}}_\nu \\ \boldsymbol{x}(\nu+1)^\top \end{pmatrix}^\top \begin{pmatrix} \boldsymbol{\mathcal{X}}_\nu \\ \boldsymbol{x}(\nu+1)^\top \end{pmatrix} = \boldsymbol{\mathcal{X}}_\nu^\top \boldsymbol{\mathcal{X}}_\nu + \boldsymbol{x}(\nu+1)\boldsymbol{x}(\nu+1)^\top$$

Page 425, line 2

... component vector $\boldsymbol{u} = (u_1, u_2)^\top$