Errata

Page 44: Replace lines 3 and 4 with:

y at (x, y), $I_x(x, y)$ represents gradient in x direction at (x, y), $I_y(x, y)$ represents gradient in y direction at (x, y), and *overbar* implies average in a 3×3 neighborhood of (x, y)

Page 44: Replace equation (3.1) with:

$$\mathbf{C}(x, y) = \begin{bmatrix} \overline{I_x(x,y)I_x(x,y)} & \overline{I_x(x,y)I_y(x,y)} \\ \\ \overline{I_y(x,y)I_x(x,y)} & \overline{I_y(x,y)I_y(x,y)} \end{bmatrix}, \tag{1}$$

Page 45: Replace equation (3.3) with:

$$\begin{vmatrix} \overline{I_x^2} - \lambda & \overline{I_x I_y} \\ \\ \overline{I_y I_x} & \overline{I_y^2} - \lambda \end{vmatrix} = 0, \tag{2}$$

Page 45: Replace equation (3.6) with:

$$B = -(\overline{I_x^2} + \overline{I_y^2}) \tag{3}$$

Page 45: Replace equation (3.7) with:

$$C = \overline{I_x^2}\ \overline{I_y^2} - (\overline{I_x I_y})^2. \tag{4}$$

Page 45: Replace line after equation (3.7) with

Assuming λ_1 and λ_2 are the two eigenvalues of $\mathbf{C}$, $\lambda_1 > \lambda_2$, and $k = \lambda_1/\lambda_2$, Harris and

Page 45: Replace equation (3.8) with

$$R = det(C) - \frac{k}{(k+1)^2} tr(C)^2. \tag{5}$$

Page 87: In step (b) of the algorithm in the middle of the page,
replace $\min(a[i-1, j] + 1, a[i, j-1] + 1)$ with $\min(f[i-1, j] + 1, f[i, j-1] + 1)$.
Also, in Step 2 of the same algorithm,
replace $\min(a[i, j], a[i+1, j] + 1, a[i, j+1] + 1)$ with $\min(f[i, j], f[i+1, j] + 1, f[i, j+1] + 1)$.