

Multidimensional Signal and Color Image Processing Using Lattices

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Errata

Note that some errors that appear in the print version were corrected in the electronic version provided in the Wiley Digital Library. Errors in the print version only are marked [P], while errors in both the print and electronic version are marked [P,E].

- Page 91, problem 3 b), line 1 [P]: trasformation \rightarrow transformation
- Page 101, in the equation just before the start of example 5.2 [P]: The Z^2 after the = sign should be removed. The minus sign in the argument of $\exp(\cdot)$ at the end of the equation should be removed. The equation should read:

$$\tilde{f}(x, y) = \sum_{k_1=-\infty}^{\infty} \sum_{k_2=-\infty}^{\infty} \frac{\sin\left(\frac{\pi k_1 A}{Z}\right) \sin\left(\frac{\pi k_2 A}{Z}\right)}{\pi^2 k_1 k_2} \exp\left(j2\pi\left(\frac{k_1 x}{Z} + \frac{k_2 y}{Z}\right)\right).$$

- Page 310 [P,E]: In the matrix in equation(13.76), the (3,3) element should be 3/50 (and NOT 3/5). Thus, equation (13.76) should read:

$$\tilde{\mathbf{V}}_1^{-1} \tilde{\mathbf{V}}_2 = \begin{bmatrix} 1 & 0 & 0 \\ 0 & \frac{84}{5} & 0 \\ 0 & 0 & \frac{3}{50} \end{bmatrix}$$