Errata for **Multidimensional Signal, Image, and Video Processing and Coding**,
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p. 103, Problem 2: Equation should be

$$y(n_1, n_2) = \binom{n_1 + n_2}{n_1} a^{n_1} b^{n_2} u_{++}(n_1, n_2).$$

p. 118, DFT Properties, 2: *Circular Convolution*

p. 124, Interpolating the DFT, 4 lines up from bottom: Upper limits of sums should be $N_1 - 1$ and $N_2 - 1$.

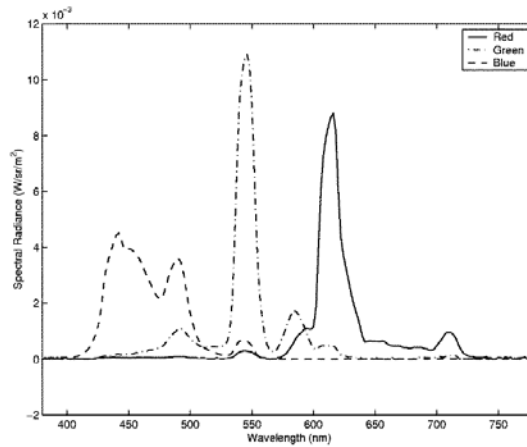p. 126, Review of 1-D DCT, Eq. 4.3-2: Upper limit of sum should be $N - 1$.

p. 127, Equation 4.3-3: Upper limit of sum should be $N - 1$.

p. 147, Problem 7: Equation should be

$$\boldsymbol{X} = \boldsymbol{F}_1 \boldsymbol{x} \boldsymbol{F}_2^{\dagger}$$

p. 204, 3rd paragraph, lines 2-3: The symbols B and R have been switched. It should read $B = 435.8$ nm, $G = 546.1$ nm, and $R = 700$ nm.

p. 209, Figure 6.4-9: The curves for blue and green got mixed up below around 510 nm. Corrected figure is shown below.

Also, in the caption to Figure 6.4-9, the reference should be [14].

p. 220, Problem 7: The symbols B and R have been switched. It should read $B = 435.8$ nm, $G = 546.1$ nm, and $R = 700$ nm.

p. 294, first line: Missing observation equation

$$r = h * x + v \quad \text{or} \quad \boldsymbol{R} = \mathcal{H}\boldsymbol{X} + \boldsymbol{V}$$

p. 294, first display equation, second line: In the sum over $\mathcal{R}_h$, the first x should be r.

p. 454, A Bayesian Approach, Equation 11.5-2: The conditioning x and y should be at the *frame level*, i.e.

$$p\left[\boldsymbol{\theta}(\boldsymbol{n}, n) | \boldsymbol{X}(n-1), \boldsymbol{Y}(n), \boldsymbol{X}(n+1)\right] \quad \propto \quad p[y(\boldsymbol{n}, n)|\boldsymbol{\theta}(\boldsymbol{n}, n), \boldsymbol{X}(n-1), \boldsymbol{X}(n+1)]$$
$$\times p[\boldsymbol{\theta}(\boldsymbol{n}, n)|\boldsymbol{X}(n-1), \boldsymbol{X}(n+1)].$$

p. 506, Figure 12.6-3: Remove extraneous 'xx' just after $x_{bc}(0,1)$.

1