ERRATA
Digital Signal Compression: Principles and Practice

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Dedication

To Eleanor

To Celli and Ricardo

1. Page 100, eqn. (5.44): add -1 within ( ) for $q > 0$ and +1 in ( ) for $q < 0$ to read:

$$y = \begin{cases} (q - 1 + t/2 + \xi)\Delta, & q > 0 \\ (q + 1 - t/2 - \xi)\Delta, & q < 0 \\ 0, & q = 0 \end{cases} \tag{1}$$

2. Page 195, change sentence above (7.116) beginning with "Furthermore" to read:
"Furthermore, the basis for $\phi(2^{-(k-1)}t)$ is the set $\{\phi(2^{-k}t - n)\}$."
($\phi(2^{-(k-1)}t)$ corrected and period appended.)

3. Page 223, Sec. 8.1.2.1, line 11: change "$R_2 > R_D$" to "$R_2 < R_D$".

4. Page 229, Algorithm 8.3, line below 2. *Main:* For $n = 0, 1, 2, \ldots, N - 1$

5. In Sec. 8.2, page 236, the variance of the source in the frequency range of the m-th subband, σ_m^2, was omitted incorrectly in three places.

   i. Eqn. (8.42) should read

$$\theta = \prod_m \left(V_m w_m g_m \sigma_m^2\right)^{\eta_m} 2^{-aR} = \sigma_{WGM}^2 2^{-aR}$$

   ii. The definition of σ_{WGM}^2 below Eqn. (8.42)should be corrected to

$$\sigma_{WGM}^2 \equiv \prod_m \left(V_m w_m g_m \sigma_m^2\right)^{\eta_m}.$$

   iii. The definition of σ_{WGM}^2 at the bottom of page 236 should be corrected to

$$\sigma_{WGM}^2 = \prod_{m \in J_c} \left(V_m w_m g_m \sigma_m^2\right)^{\eta_m}.$$

6. Page 242, Problem 8.1, line after equation of $\rho(r)$: change "Problem 8.3" to "Problem 7.3".

7. Page 402, 3rd line below (14.6): change "there is more" to "there are more".