Errata

January 15, 2015

• On page 731, equation (12) should read

\[ d\Delta V_1 = -\frac{I_{cl}}{2C} \left[ \tanh \left( \frac{\Delta V_1[n-1]}{2V_T} \right) + \tanh \left( \frac{V_{in}[n] + k\Delta V_4[n-1]}{2V_T} \right) \right]. \]

• On page 731, equation (17) should read

\[ \frac{\Delta V_i(s)}{\Delta V_{i-1}(s)} = \frac{A}{B} f_s \left[ \frac{1 + A + B}{s + f_s(1 - A - B)} - \frac{1 - A - B}{s + f_s(1 - A + B)} \right]. \]

• On page 731, equation (19) should read

\[ A = \pi V_T \frac{f_s}{f_c} \frac{1 - \pi f_s}{1 + \pi f_s}. \]

• On page 731, Fig. 3(b), the coefficient value should be \( \frac{2A}{V_T^2} \).

• On page 731, Fig. 3(c), the coefficient value should be \( 4f_sA \) and there should be another multiplier between the output and the \( \tanh() \) nonlinearity with value \( \frac{1}{V_T^2} \).