

**1) Section 121.8.5.3, pg226, line 25, equation 121-4:**

$$Cf_1(y_i) = \sum_{y=P_{th1}}^{y_i} |(f(y_i) - f(P_{th1}))|$$

Replace

With  $C_1 f(y_i) = \begin{cases} \sum_{y=P_{th1}}^{y_i} f(y) & \text{for } y_i \geq P_{th1} \\ \sum_{y=y_i}^{P_{th1}} f(y) & \text{for } y_i \leq P_{th1} \end{cases}$

**2) Section 121.8.5.3, pg226, line 31-36, including equation 121-5:**

Gth1(yi) is given by Equation (121-5) and can be estimated by (121-6).

Replace Equation (121-5) with:

$$G_{th1}(y_i) = \int_{y_i - \frac{\Delta y}{2}}^{y_i + \frac{\Delta y}{2}} \frac{1}{\sigma_g \sqrt{2\pi}} \times e^{-\frac{1}{2} \left( \frac{y_i - P_{th1}}{\sigma_g} \right)^2} dy$$

And make equation (121-6) be what (121-5) was previously.

**3) Section 121.8.5.3, pg227, line 16, equation 121-8:**

$$TDECQ = 10 \log_{10} \left( \frac{C_{dc} OMA_{outer}}{6} \times \frac{1}{Q_t R} \right)$$

**4) And append at line 24:**

$C_{dc}$  is a coefficient which compensates for the reference equalizer DC gain when the equalizer has been optimized for minimum TDECQ.

The value of  $C_{dc}$  can be calculate from the equalizer tap coefficients,  $A_i$  as shown in Equation (121-??)

$$\frac{1}{C_{dc}} = \sum_i A_i \quad (121-??)$$