Suggested text for comment r01-16 (IEEE Draft P802.3bs D3.1)

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Replace the text and equations, starting from the paragraph following Equation (121-4) and ending in Equation (121-8), with the following content *(note that the highlighted "y" in equation 121-7 below is "yi" in the original equation. This is an error and should be corrected).*

For each of the three sub-eyes, a partial SER value is calculated for both the right and the left histograms, using the following process with *j*=1 to 3.

SER_{Lj}, the partial SER for the left histogram for threshold *j*, is calculated from $CF_{Lj}(y_i)$ according to Equation (121-5). SER_{Rj}, the partial SER for the right histogram for threshold *j*, is calculated similarly from $CF_{Rj}(y_i)$ according to Equation (121-6).

The SER associated with the left histogram, SER_L, is the sum of the three values of SER_{Lj}. The SER associated with the right histogram, SER_R, is the sum of the three values of SER_{Rj}.

$$SER_{Lj} = \sum_{y_i=P_{ave}-OMA_{outer}}^{P_{ave}+OMA_{outer}} CF_{Lj}(y_i) \cdot G_{\mathrm{th}j}(y_i) \qquad (121-5)$$

$$SER_{Rj} = \sum_{y_i=P_{ave}-OMA_{outer}}^{P_{ave}+OMA_{outer}} CF_{Rj}(y_i) \cdot G_{\mathrm{th}j}(y_i) \qquad (121-6)$$

Where *j*=1 to 3 is the index of the sub-eye, and $G_{thj}(y_i)$ is defined by Equation (121-7) and can be estimated by Equation (121-8).

$$G_{\mathrm{th}j}(y_i) = \int_{y_i-\frac{\Delta y}{2}}^{y_i+\frac{\Delta y}{2}} \frac{1}{C_{eq}\sigma_G\sqrt{2\pi}} e^{-\left(\frac{y-P_{\mathrm{th}j}}{C_{\mathrm{eq}}\sigma_G\sqrt{2}}\right)^2} dy \qquad (121-7)$$

$$G_{\mathrm{th}j}(y_i) \approx \frac{1}{C_{eq}\sigma_G\sqrt{2\pi}} e^{-\left(\frac{y_i-P_{\mathrm{th}j}}{C_{\mathrm{eq}}\sigma_G\sqrt{2}}\right)^2} \qquad (121-8)$$