

Comment #43 Consensus

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C#43 Proposed Remedy

This slide provides corrections to the suggested remedy for comment #43.

$$\begin{array}{ccc} \text{(current)} & & \text{(proposed)} \\ \cancel{H_{ii}(f) = H_t(f) s_{ii}(f) H_r(f)} & \longrightarrow & H_{ii}(f) = H_t(f) s_{ii}(f) H_r(f) H_{tw}(f) \end{array} \quad (93A-58)$$

$$H_{tw}(f) = \left\{ \begin{array}{ll} 1 & f \leq f_r \\ 0.5 \cos \left(\frac{2\pi(f - f_b)}{f_{per}} - \pi \right) + 0.5 & f_r < f \leq f_b \\ 0 & f_b < f \end{array} \right\} \quad (93A-58a)$$

$$f_{per} = 2(f_b - f_r) \quad (93A-58b)$$

where $H_{tw}(f)$ is the Tukey window function
 f_{per} is the repetition frequency of the Tukey window function

Note: to be implemented with editorial license.