

$$2\hat{K}_{2n}(k) - \hat{K}_n(k) = 2\left(1 - \frac{|k|}{2n+1}\right) - \left(1 - \frac{|k|}{n+1}\right) = 1 - \frac{|k|}{(2n+1)(n+1)}$$

for $k \in \{-n, \dots, n\}$