$$
\begin{aligned}
& \quad 2 \hat{K}_{2 n}(k)-\hat{K}_{n}(k)=2\left(1-\frac{|k|}{2 n+1}\right)-\left(1-\frac{|k|}{n+1}\right)=1-\frac{|k|}{(2 n+1)(n+1)} \\
& \text { for } k \in\{-n, \ldots, n\}
\end{aligned}
$$

