2.8.42

Theorem

$$h_n(x) - \tilde{h}_n(x) \to 0$$

so

$$h(x) = \lim_{n\to\infty} \tilde{h}_n(x)$$

$$= \sum_{n=0}^{\infty} \left(\sum_{j=0}^{n} a_j b_{nj} \right) x^n$$