$$P(X \in [\frac{k}{2^n}, \frac{k+1}{2^n}]) \leq \frac{1}{n} \ \mathrm{Var}(X)$$

$$P\Big(X \in [\frac{k}{2^n}, \frac{k+1}{2^n}]\Big) \leq \frac{\mathrm{Var}(X)}{n}$$

$$x_n \to 0 \text{ quand } n \to \infty$$

$$q(x, y) = \langle x, y \rangle$$

$$[\widehat{f}(x)]_a^b = \widehat{f}(b) - \widehat{f}(a)$$

$$x \in]0, 1]$$

$$\pi = 3,141559$$