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Für bel. ZV X mit VFF gett:
                P_{\alpha} < X \leq b_{\beta} = F(b) - F(a), donn.
             \frac{F(b)}{D} = P(X \le b) = P(X \le a) \cup A < X \le b) = \frac{1}{3. \text{ Kolmey over-Axion}}
                                          = \underbrace{PiX \leq q'_1 + Pi_q < X \leq b'_2 = F(a) + Pi_q < X \leq b'_1 = F(a)}_{\overline{\Sigma_q}. F(a)}
        Satz: 1) Seren X, Xz, Xn Stock mash und identisk
verteitt (uiv) Sengl. vid) independently identically
                   unt EX_i = \mu \in \mathbb{R}, und \forall \alpha \in X_i = \sigma^2 \in [0, \infty), \alpha \in [0, \infty), \alpha \in [0, \infty), \alpha \in [0, \infty)
                 und sei \overline{X} = \frac{1}{n} \sum_{i=1}^{n} X_i = \frac{1}{n} (X_1 + X_2 + \dots + \widehat{X_n})
                       mitt dur 7 Van X1, X2,..., X4
          Dann gest: (i) EX = \mu and (ii) Vor X = \frac{6^2}{n}
2) Seem X_{1,-}, X_{n} \sim \underline{N}(\mu, 6^{2}), 510dh mobb.

(hormal vert. and Tavanetwa \mu and 6^{2})
Sei X := \frac{1}{2} \stackrel{?}{\leq} X; and Z := \frac{\overline{X} - \overline{E} X}{\sqrt{V_{ev} \overline{X}}} \stackrel{(i)M}{=} \frac{\overline{X} - \mu}{\sqrt{N_{ev} \overline{X}}}
                                                                                                                                                                                                                                                                                                                          \sqrt{(-2)^2} \approx 2
                (7. 7-Transformention bew. StandardWs.com, von X)
            Donn get: Z~NIO,1) (15t standard noomalvert.)
                                                                   bzw. F_{\overline{z}}(z) = \overline{\Phi}(z) für alle z \in \mathbb{R}
      Barris: 1) i) EX = E(\frac{1}{n} \stackrel{?}{\gtrsim} X_{\cdot}) = \frac{1}{n} \stackrel{?}{\gtrsim} EX_{\cdot} = \frac{1}{n} \cdot n_{\mu} = \mu

Lincontal du E-Werter
           |\vec{x}| = |\nabla_{\alpha x} (\frac{1}{n} \sum_{i=1}^{n} X_i) = (\frac{1}{n} \sum_{i=1}^{n} |\nabla_{\alpha x} X_i| = \frac{1}{n^2} |
                                                                                                          X1,..., Xn stoch, unabh.
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