$$\mathrm{P}(A|B) = \frac{\mathrm{P}(A \cap B)}{\mathrm{P}(B)} = \frac{\mathrm{P}(B|A) \cdot \mathrm{P}(A)}{\mathrm{P}(B)}$$

$$\mathrm{P}(\text{Binomiale}(n; p) = k) = \frac{n!}{k!\,(n-k)!} p^k (1-p)^{n-k}$$

$$\mathrm{P}(\text{Poisson}(\mu) = k) = \frac{\mu^k \mathrm{e}^{-\mu}}{k!}$$

$$f_{\text{Esponenziale}}(x) = \lambda \mathrm{e}^{-\lambda x}$$

$$f(x) \approx \sum_{j=0}^{n} f^{(j)}(x_0) \frac{(x - x_0)^j}{j!} \qquad \text{errore}(z) \leq \max_{x \text{ tra } x_0 \text{e } z} \left| f^{(n+1)}(x) \right| \frac{|z - x_0|^{n+1}}{(n+1)!}$$

$$\frac{\text{media del campione} - m}{\text{deviazione standard del campione} / \sqrt{n}}$$

$$\frac{\text{media campione A} - \text{media campione B}}{\sqrt{\frac{(n_A - 1)\,\text{varianza A} + (n_B - 1)\,\text{varianza B}}{n - 2} \left(\frac{1}{n_A} + \frac{1}{n_B} \right)}}$$

$$\sum_{j=1,k=1}^{n,m} \frac{\left(\text{frequenza}_{\text{jk}} - \text{frequenza teorica}_{\text{jk}}\right)^2}{\text{frequenza teorica}_{\text{jk}}}$$