

2.Formatting Equations

Q1 $y = ax + b$

Q2 $y = ax^2 + bx + c$

Q3 $\log_e(x) = \sin(y)$

Q4 $\sin^2 x + \cos^2 x = 1$

Q5 $A\vec{x} = \vec{x}\lambda$

Q6 $\sum_{i=1}^N x^i$

Q7 $\int_0^\infty e^{-2i\pi x} dx$

Q8 $\bar{x} = \frac{\sum_{i=1}^N x_i}{N}$

Q9 $s^2 = \sqrt{\frac{\sum_{i=1}^N (x_i - \bar{x})^2}{N-1}}$

Q10 $\mu = \int xp(x)dx$

Q11 $\sigma^2 = \int (x - \mu)^2 p(x)dx$