$\sum_{i=0}^{n} i^2 = \frac{(n^2+n)(2n+1)}{6}$

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α

β

ω

Γ

$$ L = \underbrace{ \frac{1}{N} \sum_i L_i }\text{data loss} + \underbrace{ \lambda R W }\text{regularization loss} $$

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ax^{2} + by^{2} + c = 0

$$\sigma = \sqrt{\frac{1}{n}\sum_{k=1}^{n}(x_i - \bar{x})^2}$$

\sigma=\sqrt{\frac{1}{n}{\sum_{k=1}^n$x_i - \bar{x}$^2}}