

# Glossary

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Definition	Description
$\ X\ _F^2 := \sum_{i,j} x_{i,j}^2$	Frobenius norm
$\delta(b) := \begin{cases} 1, & \text{if } b \text{ is true} \\ 0, & \text{else} \end{cases}$	Delta function
$\sigma(x) := \frac{1}{1 + e^{-x}}$	Sigmoid/ logistic function
$\langle \mathbf{x}, \mathbf{y} \rangle := \sum_{i=1} x_i \cdot y_i$	Dot product

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$\delta$ , *see* delta function  
 $\langle \cdot, \cdot \rangle$ , *see* dot product  
 $\sigma$ , *see* logistic function

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