

Day 01

The Bright Side of Mathematics



Advent of Mathematical Symbols

Kronecker delta: $\delta_{ij} := \begin{cases} 1 & , \quad i = j \\ 0 & , \quad i \neq j \end{cases}$

Example: $\delta_{12} = 0$, $\delta_{55} = 1$, $\sum_{i,j=1}^5 \delta_{ij} = 5$