

Advent of Mathematical Symbols

Convolution $(f * g)(x) := \int_{-\infty}^{\infty} f(\tau) \cdot g(x - \tau) d\tau$

$$\left. \begin{array}{l} f: \mathbb{R} \rightarrow \mathbb{R} \\ g: \mathbb{R} \rightarrow \mathbb{R} \end{array} \right\} \text{new function: } f * g: \mathbb{R} \rightarrow \mathbb{R}$$