

Permutator: $\mathfrak{P}(\#3)$

Exchange: $\mathfrak{E}\psi(x_1, x_2) = \psi(x_2, x_1)$

Probability (mass): \mathfrak{P}

Probability density: \mathfrak{d}

Probability current density: $\vec{\mathfrak{j}} := \psi \vec{\nabla} \bar{\psi} - \bar{\psi} \vec{\nabla} \psi$

Kronecker's delta function: $\delta_{ij}^{\mathfrak{K}} = \begin{cases} 1 & \text{if } i = j \\ 0 & \text{otherwise} \end{cases}$

Dirac's delta function: $\delta_a^{\mathfrak{D}}(x) = \delta^{\mathfrak{D}}(x - a)$

Euler's Gamma function: $\Gamma^{\mathfrak{E}}(x) = \int t^x e^{-t} dt$

Parity operator: $\mathfrak{P}\psi(x) = \psi(-x)$

"Defined as": $\mathfrak{D} := \mathfrak{D}$