Custom macros

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Expectation value

`$\expval{a}$` → $\langle a \rangle$

`$$\expval{\diff{f}{t}}$$`

→ $$\left\langle \frac{\mathrm{d}f}{\mathrm{d}t} \right\rangle$$

Commutation

Commutator

`$\comm{\op{x}}{\op{p}} = i\hbar$` → $\left[\hat{x}, \hat{p}\right] = i\hbar$

Anticommutator

`$$\acomm{\op{c}{i}}{\hc{c}{j}} = \delta_{\alpha, \beta}$$`

→ $$\left\{\hat{c}_i, \hat{c}_j^\dagger\right\} = \delta_{\alpha,\beta}$$

Compact derivatives

`$$\dlp{f}{t}$$`

→ $$\partial_t f$$