`school.sty` Reference Sheet

Include the file `school.sty` in your working directory to have access to these commands

Quantum Mechanics

Code	Result
`\ket{a}`	$\ket{a}$
`\bra{a}`	$\bra{a}$
`\braket{a}{b}`	$\braket{a}{b}$
`\ketbra{a}{b}`	$\ketbra{a}{b}$
`\expect{a}`	$\expect{a}$
`\expectdef{a}{b}`	$\expectdef{a}{b}$
`\comm{a}{b}`	$\comm{a}{b}$
`\conj{a}`	$a^\dagger$

Useful Math Symbols

Code	Result
`\RR`	$\RR$
`\CC`	$\CC$
`\QQ`	$\QQ$
`\NN`	$\NN$
`\trans{a}`	a^{T}
`\inv{a}`	a^{-1}
`\del`	∇
`\degr{a}`	a°

Calculus and Other Commands

Code	Result
`\td{x}{y}`	$\td{x}{y}$
`\tdd{x}{y}`	$\tdd{x}{y}$
`\pd{x}{y}`	$\pd{x}{y}$
`\pdd{x}{y}`	$\pdd{x}{y}$
`\quadratic{a}{b}{c}`	$\quadratic{a}{b}{c}$
`\defint{a}{b}{f(x)}{x}`	$\defint{a}{b}{f(x)}{x}$
`\inprod{a}{b}`	$\inprod{a}{b}$
`\lound{a}`	$\lound{a}$

Vector Calculus Definitions

Code	Result
`\divergence{\psi}`	$\divergence{\psi}$
`\sdivergence{\psi}`	$\sdivergence{\psi}$
`\cdivergence{\psi}`	$\cdivergence{\psi}$
`\curl{\psi}`	$\curl{\psi}$
`\scurl{\psi}`	$\scurl{\psi}$
`\ccurl{\psi}`	$\ccurl{\psi}$
`\laplacian{\psi}`	$\laplacian{\psi}$
`\slaplacian{\psi}`	$\slaplacian{\psi}$
`\claplacian{\psi}`	$\claplacian{\psi}$