A

Math mode commands

- Derivative: \deriv{f(x)}: $\frac{\mathrm{d}}{\mathrm{d}x}(f(x))$

- Partial Derivative: \pderiv{z}{f(x)} : $\frac{\partial}{\partial z}(f(x))$

- Integral dx: \dx: $\mathrm{d}x$

B

Miscellaneous

- True: \true: True

- False: \false: False

- text and (for lists): \tand: For example, $x, y,$ and z

- tab (force a 0.75cm space): \tab: Tab   between   words

C

Set & logic symbols, for text & math mode

a Set symbols: \N: $\mathbb{N}$ \Z:$\mathbb{Z}$ \Q:$\mathbb{Q}$ \R:$\mathbb{R}$

b Contradiction: \contradiction: $\Rightarrow\Leftarrow$