

Martin's Notes on L^AT_EX for Math

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Just some recent random notes on typesetting math using L^AT_EX. You will want to consult this document along with its source.

Useful macros for differentials

$$\frac{\partial p}{\partial t} = c^2 \frac{\partial^2 p}{\partial y^2}$$

Large fractions, nice fractions

$$\frac{100}{33} = 100/300 \quad e^{-1/2 r \delta t}$$

Bold in math mode

$$\mathbf{A} = \mathbf{I}x \quad \mathbf{1}^T = [111111]$$

Special capital letter

$$\mathbb{E}[x \leq \epsilon] \tag{1}$$

$$E^{\mathbb{P}}[X] = E^{\mathbb{Q}}[X^2] \tag{2}$$

Slashing out through math terms

$$\cancel{x + y} = z + \cancel{x}$$