

Why Cats Are Superior to Dogs - An Exercise Using beamer in L^AT_EX

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Markup Languages

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Simple Algebraic Proof

We define a set of equations as

$$\text{cats} \neq \text{dogs}, \quad (1)$$

$$\text{cats} > \text{dogs}, \quad (2)$$

$$\text{cats} = \text{cats}, \quad (3)$$

$$\text{dogs} \not> \text{cats}, \quad (4)$$

$$\forall \text{ cats} \subseteq \mathbb{U}.$$

Prettier Algebraic Proof

Aligning the equations by the equal sign provides a prettier proof.

$$\text{cats} \neq \text{dogs}, \quad (5)$$

$$\text{cats} > \text{dogs}, \quad (6)$$

$$\text{cats} = \text{cats}, \quad (7)$$

$$\text{dogs} \not> \text{cats}. \quad (8)$$

Uglier Algebraic Proof

Some proofs are better left unaligned

$$\text{cats} = \text{cats}, \tag{9}$$

$$\text{cats} = \frac{\text{cats}^2}{\text{cats}}, \tag{10}$$

$$\text{cats} = \sqrt{\frac{\text{cats}^3}{\text{cats}}}. \tag{11}$$

Concluding

This presentation showed that

- ▶ cats are superior to dogs