



STANDARD DEVIATION

Why

1

Definition

The *standard deviation* of a real-valued random variable is the square root of its variance.

Notation

Let f be an integrable real-valued random variable. Denote the standard deviation of f by $\text{std}(f)$. We have defined it

$$\text{std}(f) = \sqrt{\text{var}(f)}.$$

¹Future editions will include this.

