

I can formulate the Chebyshev inequality in the following sentence

The measure of the set where the positive function  $F$  is greater than the positive number  $a$  is less or equal to the integral of  $F$  over the whole set divided on  $a$

$$\int_{x: F(x) \geq a} dx \leq \int_{x: F(x) \geq a} \frac{F(x)}{a} dx \leq \frac{1}{a} \int_{-\infty}^{\infty} F(x) dx .$$