



Definition

We denote the *volume measure* (or *n-dimensional space measure*, *space measure*, *Lebesgue measure*) on \mathbf{R}^n by λ .¹

Notation

We denote the volume of a measurable set $A \subset \mathbf{R}^d$ by $\text{vol}(A)$, or sometimes $\text{vol}_d(A)$ to indicate the dimension.

¹Future editions will clean up and complete the development.

