



## Definition

We denote the *volume measure* (or *n-dimensional space measure*, *space measure*, *Lebesgue measure*) on  $\mathbf{R}^n$  by  $\lambda$ .<sup>1</sup>

## Notation

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

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<sup>1</sup>Future editions will clean up and complete the development.



