



ULTRARAY

RADIATIO TECTION



— $\int_{-\infty}^{\infty} \delta(x) dx = 1$ and $\int_{-\infty}^{\infty} \delta(x) f(x) dx = f(0)$ for any continuous function $f(x)$.

$\delta(x)$ is a distribution, not a function. It is defined by its action on test functions $\phi(x)$:

$$\int_{-\infty}^{\infty} \delta(x) \phi(x) dx = \phi(0)$$

where $\phi(x)$ is a smooth function with compact support. The Dirac delta function is used to model point charges, impulses, and other localized phenomena.

TURNKEY SOLUTIONS



ROLLING BOOTHS / VAULTS

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