





»  $\frac{1}{2} \int_{-\infty}^{\infty} f(x) \delta(x) dx = \frac{1}{2} f(0)$   $\frac{1}{2} \int_{-\infty}^{\infty} f(x) \delta(x) dx = \frac{1}{2} f(0)$   $\frac{1}{2} \int_{-\infty}^{\infty} f(x) \delta(x) dx = \frac{1}{2} f(0)$