· Take the inverse Fornier transform F'f and ash what happens if the sign of the argument is reversed

$$\mathcal{F}^{-1}f(t) = \int_{0}^{\infty} f(s) e^{2\pi i s t} ds$$

$$\mathcal{F}^{-1}f(-t) = \int_{-\infty}^{\infty} f(s) e^{2\pi i s (-t)} ds$$

or removing the explicit statement of the independent

· Because this holds for f(t) and tempered distributions can be obtained from f by

Tf and limit Tf it holds for distributions

[see Osgood p 22-85 d 179-182]