

Universo \mathcal{D}'

L^1_{loc}

\mathcal{S}'
Distr. Temperate

L^∞

L^2

L^1

\mathcal{S}
Schwartz

H^1

H^s
($s > 1$)

C^0

C^1

C^k

C^∞

\mathcal{E}'
Supp. Compatto

δ
Dirac

$C_0^\infty = \mathcal{D}$

