Deux cas où il faut des linites

$$U\int_{0}^{\infty}e^{-x}=\infty$$

nais 
$$\int_{0}^{b} e^{-x} dx = [-e^{-x}]_{0}^{b} = |-e^{-b}, \int_{0}^{\infty} e^{-x} dx = \lim_{b \to \infty} |-e^{-b} = |$$

dernier intervalle (xn-1, ∞)

premies intervalle

sup 
$$x^{1b} = \infty$$
 $t \in [0, t_1]$ 

$$u \int_{-\infty}^{\infty} x^{-1/2} dx = \left[ 2x^{1/2} \right]_{c}^{1} = 2(1-\sqrt{c}), \int_{0}^{\infty} x^{-1/2} dx = \lim_{c \to 0} 2(1-\sqrt{c}) = 2$$

×