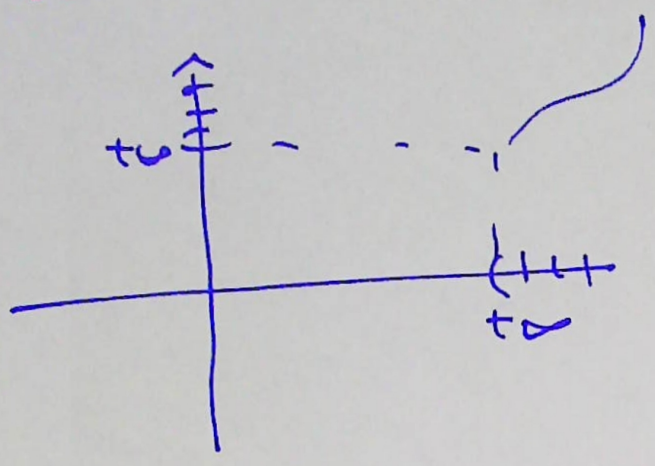
$\lim_{x \to +\infty} x+5 = +\infty$



$\forall M>0 \; \exists N>0 \; / \; \forall x > N$

$\Downarrow$

$f(x) > M \quad x+5 > M$

$x > M-5$

$I(+\infty)$

LIMITE VERIFICATO.

VERIFICARE I SEGUENTI LIMITI

1) $\lim_{x \to 1} x^2 + 4 = 5$

2) $\lim_{x \to +\infty} e^x = +\infty$

3) $\lim_{x \to 0^+} \frac{x+1}{x} = +\infty$

4) $\lim_{x \to +\infty} \frac{1}{x-3} = 0$