Basic Taylor Expressions in 0

• 
$$e^{\infty} = \frac{1}{1} + \infty + \frac{\pi^2}{2!} + \frac{\pi^3}{3!} + o(\pi^3)$$

basique
•  $\ln(1+\pi) = 0 + \infty - \frac{\infty^2}{2!} + \frac{\pi^3}{3!} = \frac{\pi^4}{4!} + o(\pi^4)$ 

alterne, pas de

•  $1+\infty = 1 + \infty + o(\pi^4)$ 

•  $1+\infty = 1 + \infty + \infty^2 = oc^2 + oc^4 + o(\pi^4)$ 

•  $1+\infty = 1 + \infty + \infty^2 + oc^3 + oc^4 + o(\pi^4)$ 

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