

$$h \rightarrow +\infty \quad \left| \begin{array}{c} \left(2 + \frac{1}{h}\right)^{2h} \\ e^h \end{array} \right|$$

$$\lim_{h \rightarrow +\infty} \frac{\sqrt[h]{\left(2 + \frac{1}{h}\right)^{2h}}}{\sqrt[h]{e^h}}$$

$$\lim_{h \rightarrow +\infty} \frac{\left(2 + \frac{1}{h}\right)^2}{e} = \frac{7}{e} > 1$$

Diverge

(vit de series alt

$$\lim_{h \rightarrow +\infty} \frac{\left(2 + \frac{1}{h}\right)^{2h}}{e^h}$$

$$\lim_{h \rightarrow +\infty} \left(\frac{\left(2 + \frac{1}{h}\right)^2}{e} \right)^h$$

$$\lim_{h \rightarrow +\infty} \left(\frac{7}{e} \right)^h = +\infty$$

Diverge