

# Limiti notevoli

- $\lim_{n \rightarrow \infty} \sqrt[n]{n} = 1$
- $\lim_{n \rightarrow \infty} \left(1 + \frac{\beta}{n}\right)^n = e^\beta$
- $\lim_{n \rightarrow \infty} \frac{\sin\left(\frac{1}{n}\right)}{\frac{1}{n}} = 1$
- $\lim_{n \rightarrow \infty} \frac{1 - \cos\left(\frac{1}{n}\right)}{\left(\frac{1}{n}\right)^2} = \frac{1}{2}$
- $\lim_{n \rightarrow \infty} \frac{\log\left(1 + \frac{1}{n}\right)}{\frac{1}{n}} = 1$
- $\lim_{n \rightarrow \infty} \frac{e^{\frac{1}{n}} - 1}{\frac{1}{n}} = 1$