Calcolare i seguenti limiti:

$$\lim_{x\to 1} \frac{1}{\arccos x}$$

$$\lim_{x\to 0} \log(\mathrm{arctg} x)$$

$$\lim_{x\to +\infty} \left(\frac{1}{3}\right)^{\log x}$$

$$\lim_{x\to +\infty} (\mathrm{arctg} x)^{-8}$$

$$\lim_{x\to +\infty} e^{\mathrm{arctg} x}$$

$$\lim_{x\to +\infty} \left(\frac{1}{2}\right)^{\log x}$$

$$\lim_{x\to 0} \log\left(\frac{1}{\mathrm{arcsen} x}\right)$$

$$\lim_{x\to -\infty} \mathrm{arctg}(x^{-6})$$

$$\lim_{x\to +\infty} \mathrm{arcsen}(x^{-4})$$

$$\lim_{x\to -\infty} e^{\mathrm{arctg} x}$$

$$\lim_{x\to 1} \frac{1}{\arccos x}$$

$$\lim_{x\to 0} \left(\frac{1}{2}\right)^{\log x}$$

$$\lim_{x\to +\infty} \arccos\left(\left(\frac{1}{3}\right)^{x}\right)$$

$$\lim_{x\to 1} e^{\arccos x}$$

$$\lim_{x\to 0} \log(\mathrm{arcsen} x)$$

$$\lim_{x\to 0} \mathrm{arctg}(x^{-6})$$

$$\lim_{x \to 0} \log(\text{arcsen} x)$$

$$\lim_{x \to -\infty} \text{arcsen}(e^x)$$

$$\lim_{x \to +\infty} \log(\text{arctg} x)$$

$$\lim_{x \to -\infty} \text{arctg}(x^{-5})$$