

Expresiones de $\pi = 3, 1415926\dots$

1995+...

$$\pi = \sum_{i=0}^{\infty} \frac{1}{16^i} \left(\frac{4}{8i+1} - \frac{2}{8i+4} - \frac{1}{8i+5} - \frac{1}{8i+6} \right)$$

$$\begin{aligned} \pi = & \left(\frac{4}{1} - \frac{2}{4} - \frac{1}{5} - \frac{1}{6} \right) + \\ & + \frac{1}{16} \left(\frac{4}{8+1} - \frac{2}{8+4} - \frac{1}{8+5} - \frac{1}{8+6} \right) + \\ & + \frac{1}{16^2} \left(\frac{4}{16+1} - \frac{2}{16+4} - \frac{1}{16+5} - \frac{1}{16+6} \right) + \dots \end{aligned}$$

$$\begin{aligned} \pi = & \frac{1}{64} \sum_{i=0}^{\infty} \frac{(-1)^i}{2^{10i}} \left(-\frac{32}{4i+1} - \frac{1}{4i+3} + \frac{256}{10i+1} - \right. \\ & \left. - \frac{64}{10i+3} - \frac{4}{10i+5} - \frac{4}{10i+7} + \frac{1}{10i+9} \right) \end{aligned}$$