$$\frac{1}{\pi} = \frac{\sqrt{8}}{99^2} \sum_{n=0}^{\infty} \frac{(4_n)!}{(4^n n!)^4} \frac{1103 + 26390_n}{99^{4_n}}$$

$$Cl_{n+1} = C_n \alpha_n$$

$$C_{n} = \underbrace{(\mathcal{Y}_{n+1})(\mathcal{Y}_{n+2})(\mathcal{Y}_{n+3})}_{4^{3}(n+1)^{3}} \left(\frac{1}{99^{4}} + \frac{26390}{99^{4}(1103 + 26390n)} \right)$$

$$Q_0 = \frac{\sqrt{8}}{99^2} \frac{(4.0)!}{(4^{\circ}o!)^{4}} \frac{1103 + 26390.0}{99^{40}} = \frac{\sqrt{8}}{99^2} \cdot \frac{1103}{2000} \approx 0,312309878$$

$$\alpha_{1} = \frac{\sqrt{8}}{99^{2}} \frac{(4.1)!}{(4^{1}1!)^{4}} \frac{1103+26390}{99^{4}} = \frac{\sqrt{8}}{99^{2}} \frac{2.3.\cancel{M}}{4^{1/3}} \frac{27493}{99^{4}} = \frac{\sqrt{8}}{99^{2}} \cdot \frac{6}{4^{3}} \cdot \frac{27493}{99^{4}}$$

~ 0,00000008

$$q_{1}: C_{0}. Q_{0}: \frac{(4.0+1)(4.0+2)(4.0+3)}{4^{3}\cdot 1^{3}} \left(\frac{1}{99^{4}} + \frac{26390}{99^{4}\cdot 1103}\right)^{Q_{0}} = \frac{6}{4^{3}} \left(\frac{1}{99^{4}} + \frac{26390}{99^{5}\cdot 1103}\right). Q_{0}.$$

$$\frac{\zeta}{4^3} \left(\frac{1103426380}{99^4.1103} \right) \frac{\sqrt{2}}{99^2} \cdot \frac{1103}{99^2} = \frac{\sqrt{2}}{99^2} \frac{\zeta}{4^3} \cdot \frac{27493}{99^4} \approx 0,000000008$$