Hernan Iturga

$$\sqrt{1 + \frac{0,1\overline{4} + 0,\overline{81}}{0,0\overline{6} + 3,2\overline{1}}}$$

$$\sqrt{1 + \frac{13/90 + 9/11}{3/50 + 289/90}}$$

$$\sqrt{1 + \frac{953/990}{736/225}}$$

$$\sqrt{1 + \frac{4765}{16192}}$$

$$\frac{\sqrt{20957} \times \sqrt{253}}{8\sqrt{253}}$$

$$\sqrt{5302121}$$

2024

$0,06 = \frac{6}{100} = \frac{3}{50}$

$100x = 14,\overline{4}$

$10x = 1,\overline{4}$

$90 = 13$

$3,\overline{21} = \frac{321 - 32}{100 - 10} = \frac{289}{90}$

$0,\overline{81} = \frac{81}{99} = \frac{9}{11}$

$\frac{13}{90} \quad \frac{9}{11} = \frac{143 + 810}{990} = \frac{953}{990}$

$\frac{3}{50} \quad \frac{289}{90} = \frac{27 + 1445}{450} = \frac{736}{225}$

$\frac{953}{990} * \frac{225}{736} = \frac{4765}{16192}$

$\frac{19192 + 4765}{16192} = \frac{20957}{16192}$

$8 \times 253 = 2024$

$20957 \times 253 = 5302121$