

# 1 Automatic Conjectures

These are the conjectures detected by the algorithm.

$$\frac{30}{\pi^2} = 3 + \frac{1}{25 + \frac{16}{69 + \frac{81}{135 + \frac{256}{223 + \frac{625}{\ddots}}}}}$$

$$\frac{24}{\pi^2} = 2 + \frac{8}{16 + \frac{128}{44 + \frac{648}{86 + \frac{2048}{142 + \frac{5000}{\ddots}}}}}$$

$$\frac{16}{\pi^2} = 2 - \frac{4}{14 - \frac{96}{38 - \frac{540}{74 - \frac{1792}{122 - \frac{4500}{\ddots}}}}}$$