måndag 19 december 2022

$$\left(\frac{1}{2} + \frac{\sqrt{3}}{2}\right)^{100} = 2^{100}$$

$$[Z] = \sqrt{\frac{1}{4} + \frac{3}{4}} = 1$$

$$Z = e^{i\pi/3}$$

$$Z'' = e^{i\pi/3} = \cos \frac{100\pi}{3} + i\sin \frac{100\pi}{3} = \cos \frac{4\pi}{3} + i\sin \frac{4\pi}{3}$$

$$2\pi - \frac{4\pi}{3} = 100\pi$$

$$25.\frac{4\pi}{3} = 100 \text{ M}_3$$
, $\frac{6\pi \cdot 16 + 4\pi}{3} = \frac{10017}{3}$

$$8i; Z = -\frac{1}{2} - i \frac{13!}{2}$$