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Tarea Demostración

→ $0,16 = e^{\frac{-3\pi}{\sqrt{1-3^2}}}$

$\ln(0,16) = \dfrac{-3\pi}{\sqrt{1-3^2}}$

$[\ln(0,16)]^2 = \dfrac{(3\pi)^2}{1-3^2}$

$(1-3^2)\,[\ln(0,16)]^2 = (3\pi)^2$

$[\ln(0,16)]^2 - 3^2\,[\ln(0,16)]^2 = 3^2\,\pi^2$

$3^2\,\pi^2 + 3^2\,[\ln(0,16)]^2 = [\ln(0,16)]^2$

$3^2\left\{\pi^2 + [\ln(0,16)]^2\right\} = [\ln(0,16)]^2$

$3^2 = \dfrac{[\ln(0,16)]^2}{\pi^2 + [\ln(0,16)]^2}$

$3 = \sqrt{\dfrac{[\ln(0,16)]^2}{\pi^2 + [\ln(0,16)]^2}} \cong 0,5037.$