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x^y=(1/(z**2+3))*e^(i*pi/(f-l))



 NATURAL LANGUAGE

 MATH INPUT

 EXTENDED KEYBOARD

 EXAMPLES

 UPLOAD

 RANDOM

Assuming i is a variable | Use i as the imaginary unit instead

Input

$$x^y = \frac{1}{z^2 + 3} e^{i \times \pi / (f-l)}$$

Solutions

Approximate forms

$$x \neq 0, \quad z = -\frac{\sqrt{1 - 3 e^{\frac{f y \log(x) - \pi i - l y \log(x)}{f-l}}}}{\sqrt{e^{\frac{f y \log(x) - \pi i - l y \log(x)}{f-l}}}}$$

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log(x) is the natural logarithm

Solutions
for the
variable
z

Approximate form

☒ Step-by-step solution

$$z = -\sqrt{x^{-y} e^{(\pi i)/(f-l)}} - 3$$

$$z = \sqrt{x^{-y} e^{(\pi i)/(f-l)}} - 3$$

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