

An Astonishing New Proof of a Fundamental Theorem: $1/0 = \infty$

It's obvious that $1/\infty$ equals 0, everyone agrees.

But the idea that $1/0$ might equal ∞ involves division by zero, which many (otherwise intelligent) people consider meaningless.

Fortunately, an astonishing new proof has been developed.

As with all mathematically rigorous arguments, it begins with some indisputable equation, which then undergoes a sequence of transformations.

These transformations can take any form – the only absolutely essential requirement is that the *same transformation* be applied to each side.

THEOREM (Mark Machina 2004):

$$\frac{1}{0} = \infty$$

PROOF:

Begin with the indisputable equation

$$\frac{1}{\infty} = 0$$

Rotate both (*both!*) sides 90° to the left

$$-|8 = 0$$

Add eight to both sides

$$-|0 = 8$$

Now simply rotate back

$$\frac{1}{0} = \infty$$

QED