

The Cosmetological definition of the Derivative

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[Web Site](#)

The conventional definition of the derivative is given as:

$$f'(x) = \lim_{h \rightarrow 0} \left[\frac{f(x+h) - f(x)}{h} \right]$$

Consider the final state of the [Relativistic Unit Circle](#).

$1' = \frac{\tau'}{\tau}$, $v = 0$ and the meta-function $\psi'(x, h)$ for all values of x and h :

$$\psi'(x, h) = [f(x+h)] - f(x) + \frac{1'}{h}$$

Then

$$\begin{aligned} (\psi')^2 &= [f(x+h) - f(x)]^2 + \left(\frac{1'}{h}\right)^2 + 2\left(\frac{1'}{h}\right)[f(x+h) - f(x)] \\ &= [f(x+h) - f(x)]^2 + \left(\frac{1'}{h}\right)^2 + 2\left(\frac{1'}{h}\right)[f(x+h) - f(x)] \\ &= [f(x+h) - f(x)]^2 + \left(\frac{1'}{h}\right)^2 + 2(1') \frac{[f(x+h) - f(x)]}{h} \end{aligned}$$

With the stipulation that $f'(y, x) = \frac{x}{y}$, $y = 0$ means the dimension does not exist (NOT that

$$f'(y, x) = \infty), \text{ so that } \left[f'(y, x) = \frac{x}{y} \right]_{y=0} = f'(x) = x$$

Then $(\psi')^2 = [f(x+h) - f(x)]^2 + \left(\frac{1'}{h}\right)^2 + 2(1') \frac{[f(x+h) - f(x)]}{h}$, $h = 0$ implies that

$$(\psi')^2 = [f(x) - f(x)]^2 + (1')^2 + 2(1')[f(x) - f(x)] \equiv 0 \text{ for all } x.$$

Then if $1' = \frac{c\tau'}{c\tau} = 0$, $(\psi') = (c\tau') = 0$; that is, there is no change at the final state ($v = 0$)

(Note that this is the condition for the proof of Goldbach's conjecture where counting is preserved between the operations of multiplication and addition).

www.flamencochuck.com/files/Misc/GoldbachAnalysis.pdf

www.flamencochuck.com/files/Misc/GoldbachShort.pdf

This contradicts the normal interpretation of the derivative as a limit (and the concept of ∞ . (If the interaction term

$2(1') \frac{[f(x+h) - f(x)]}{h}$ goes to zero, so does the "change" of the final state, so that all that exists is

the initial state where $\frac{c\tau}{c\tau} = 1$.