The "Relativistic Proof" of Fermat's Last Theorem

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Motivation

$$c = a + b$$
$$c^n = (a+b)^n = \left[a^n + b^n\right] + \left[f(a,b,n)\right] \quad \text{(Binomial Expansion)}$$
$$c^n = \left[a^n + b^n\right] \leftrightarrow \left[f(a,b,n)\right] = 0$$
$$\left[f(a,b,n)\right] \neq 0$$
$$c^n \neq \left[a^n + b^n\right] \quad \text{QED}$$

The Continuity Equation

$(ct') > 0, (ct) > 0, \forall v_i t_i : (v_i t_i) \geq 0$ (i.e., each element $(v_i t_i) \geq 0$

(Note: this proof is also correct for $(v_i t_j), i = 1,2,......n, j = 1,2,.......m$) which includes $i = j, (i, j) = 1,2,.....,n$

$(ct') = (ct) + (v_i t_j) = (ct) + \sum_{i=1}^{n}(v_i t_j), i = 1,2,.....(n)$ using Einstein summation convention

Note that all existing elements $v_i t_i + 0 = v_i t_i$ are continuous (no gaps).

$$(ct') = (ct) \leftrightarrow (v_i t_j) = 0$$

Proof of Fermat's Last Theorem

To Prove:

$$(ct')^n \neq (ct)^n + (v_i t_j)^n$$

Proof

$$(ct')^n = \left[(ct)+(v_i t_i)\right]^n = \left[(ct)^n + (v_i t_i)^n\right] + \left[f\left((ct),(v_i t_i),n\right)\right] \quad \text{(Multinomial Expansion)}$$

$$(ct')^n = (ct)^n + (v_i t_j)^n \leftrightarrow f\left((ct),(v_i t_i),n\right) = 0$$

$$f\left((ct),(v_i t_i),n\right) \neq 0$$

$$(ct')^n \neq (ct)^n + (v_i t_i)^n \quad \text{QED}$$

Note that $(ct')^2 \neq (ct)^2 + (v_i t_i)^2$ and in particular,

$$(ct') = (ct) + (vt')$$

$$(ct')^2 = \left[(ct)+(vt')\right]^2 = \left[(ct)^2 + (vt')^2\right] + \left[2(ct)(vt')\right]$$

$$\pi(ct')^2 = \pi\left[(ct)+(vt')\right]^2 = \pi\left[(ct)^2 + (vt')^2\right] + \left[(ct)\{2\pi(vt')\}\right]$$

Where $\{2\pi(vt')\}$ is a circumference ("loop") and $\pi(ct')^2$ is the surface area of a cylinder ("wire")

Finally, any system based on the Pythagorean system is wrong: $(ct')^2 \neq (ct)^2 + (vt')^2$ (Pythagorean Theorem)

$$\psi = ct + i(vt')$$

$$\psi = ct - i(vt')$$

$$\psi\psi^* = \left[(ct)^2 + (vt')^2\right] + (ct)(vt') - (ct)(vt')$$

$$\psi\psi^* = \left[(ct)^2 + (vt')^2\right] \neq \left[(ct)^2 + (vt')^2\right] + \left[2(ct)(vt')\right]$$

However,

$$\# := (ct') = (ct) + (vt')$$

$$\#^2 = (ct')^2 = \left[(ct)^2 + (vt')^2\right] + \left[2(ct)(vt')\right] = \left[\psi\psi^*\right] + \left[2(ct)(vt')\right]$$