The dual trinity theorem

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Abstract

In this paper, I describe the dual trinity theorem.
The paper ends with "The End"

The dual trinity theorem

The dual trinity theorem states that for reals x, y and z

$$2(x+y+z)e^{x+y+z} = \sum_{n=0}^{\infty}\sum_{r=0}^{\infty}\sum_{k=0}^{\infty}\frac{^{n+r-1}C_r\,{}^{n}C_k}{(n+r-1)!}(x^r y^k z^{n-k} + x^k y^{n-k} z^r + x^{n-k} y^r z^k)$$

where
e is the base of natural logarithm
and

$$^{n}C_r = \frac{n!}{(n-r)!r!}$$

where
$0! = 1$ and for $n > 0$, $n! = n(n-1)!$

The End