

Conjecture on a fundamental equation for physics and math

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[linear momentum].[angular momentum]= K^n

Einstein's results suggests that Nature tends maximize (in every scale, every) time and conserve the linear momentum parcel. This added to the thermodynamic principle of Nature's seek for maximum disorder in the least time suggested that: to minimize non linearity as order (correlation), would implies to minimize angular momentum. This rationale leads to the follow equation :Linear momentum = K^n / (angular momentum) eq(1), angular momentum as close to zero as possible.

$K = 2$.

The $n-1,2,3,5..$ (prime numbers physically related to energy) exponent allows the scale free qualities and this seems to be the ultimate and underlying all, scale free law of nature.

A mathematical link and translation

Is conjectured that: linear momentum stands to analytical continuity, n stands to expansion of mathematical dominium. Angular momentum would be proportional to non – differentiability or non-continuity. i.e . as high the angular momentum as minor the linearity.

Probably the transitions to maximize continuity is implemented in nature inside a Noether ring and this would be in agreement with the catenary properties of it (arXiv: math/9808123v1)

Links to previous one conjectures:

These conjectures are part of a series that can be found in:

https://www.researchgate.net/profile/P_Prado2/contributions

And seems in accordance with this conjectured resilience principle:

<http://vixra.org/pdf/1702.0007v1.pdf>

Reference

R. Brent Tully, Hélène Courtois, Yehuda Hoffman & Daniel Pomarède
The Laniakea supercluster of galaxies Nature 513, 71–73 (04 September 2014)
doi:10.1038/nature13674

arXiv:1302.4653v2 [hep-ph]

arXiv:0705.4158 [astro-ph]

Prado,PF,2016a: <http://vixra.org/pdf/1702.0063v1.pdf>

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<http://vixra.org/abs/1609.0026>

Morongowe,2013.Nexus: A Quantum Theory of Space-Time, Gravity and the Quantum Vacuum. IJAA. Vol.3 No.3, September 2013

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Brower et al, 2016. arXiv:1612.03034 [astro-ph.CO]

(Prado,PF,2017c) <http://vixra.org/pdf/1702.0059v1.pdf>

(Curado, 20015) <https://arxiv.org/abs/1507.05058>

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