

Case Report

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New Trends in Physics: Extraordinary proofs

Lubomir Vlcek, Slovakia

***Corresponding Author:** Lubomir Vlcek , Pavol Jozef Safarik University in Kosice Rokytovej 132, 086 01, Email: lubomir.vlcek@gmail.com

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A particle moving in a transmission medium. Kinetic energy of a particle (charge) moving at the velocity of v has two different values:

Kinetic energy of a particle (charge)

$$T_{kin\ id} = mc^2 \left[\ln \left| \frac{1-v/c}{1+v/c} \right| + \frac{v/c}{1-v/c} \right]$$

in direction of motion of a particle (charge)

It is really as Newton's kinetic energy, where v is velocity of a particle (charge) .

Kinetic energy of a particle (charge)

$$T_{kin\ ad} = mc^2 \left[\ln \left| \frac{1+v/c}{1-v/c} \right| - \frac{v/c}{1+v/c} \right]$$

against direction of motion of a particle (charge)

It is really as Maxwell's electromagnetic wave energy, where v is velocity of a particle (charge).

Corrected Third Newton's law of motion :

All movements in physics are based on principle of action - reaction and on velocity of stable particles

$$(e^-, p^+, n^0, D, He-3, \alpha).$$

Action, as a motion of stable charged particles

$$(e^-, p^+, n^0, D, He-3, \alpha)$$

is characterized speeds up in source along ellipse or quasi- ellipse (excentricity $e \rightarrow 0$).

Action creates unstable particles (leptons μ^-, τ^- , baryons, mesons), bosons W^+, W^-, Z (= particles = β electrons moving at nearly the speed of light) in direction of motion of stable particles

$$(e^-, p^+, n^0, D, He-3, \alpha).$$

Reaction creates into transmission medium, the electromagnetic waves, as unstable "particles" - neutrinos ν_e, ν_μ, ν_τ , mesons $\pi^0, \pi^+, \pi^-, \eta, K$ and gamma rays (=waves of extremely high frequency $>10^{19}$ Hz) - against direction of motion of stable particles

$$(e^-, p^+, n^0, D, He-3, \alpha).$$

Accompanying activity of reaction on movement of stable particles in the transmission medium are waves, or "unstable particles" respectively, i.e. neutrinos and mesons.

Extraordinary proofs:

Form of Intensity of the Moving Charge Electric Field is Asymmetrical.

<http://vixra.org/pdf/1411.0533v1.pdf>

Form of the Interference Field is Non-Linear

<http://vixra.org/pdf/1411.0531v1.pdf>

Kinetic Energy of a Charge Moving at the Velocity of V Has Two Different Values

<http://vixra.org/pdf/1411.0530v1.pdf>

Three Objections to Modern Physics

<http://vixra.org/pdf/1409.0090v1.pdf>

New Trends in Physics CD Rom /book, Elementes Pictures, Spheres in Nuclei, Forecasted Nuclei

<http://vixra.org/pdf/1506.0207v1.pdf>

One Blink of Electron is the Basis Amount of Kinetic Energy 6.62606957x10⁻³⁴ Js

<http://vixra.org/pdf/1504.0082v1.pdf>

Confirmation of the Theory Under Discussion Wave-Particle Duality as Kinetic Energy Against and in Direction of Motion in Discussion Group Theoretical Physics !!!! Eureka !!!!

<http://vixra.org/pdf/1503.0056v1.pdf>

Einstein's Theory of Relativity Can not Explain ...

<http://vixra.org/pdf/1502.0184v1.pdf>

Corrected Newton's Laws of Motion

<http://vixra.org/pdf/1501.0199v1.pdf>

Principles for the Theory and Its Agreement with Experiment

<http://vixra.org/pdf/1501.0198v1.pdf>

Wave - Particle Duality as Kinetic Energy Against and In Direction of Motion.

<http://vixra.org/pdf/1501.0197v1.pdf>

Improvement of Classical Physics

<http://vixra.org/pdf/1412.0131v1.pdf>

Kinetic Energy According to Einstein and According the Latest Knowledge

<http://vixra.org/pdf/1412.0125v1.pdf>

Please Read my Articles in More Detail.

<http://vixra.org/pdf/1408.0133v1.pdf>

Movement Principles of Ufo

<http://vixra.org/pdf/1405.0355v1.pdf>

Kinetic Energy

<http://vixra.org/pdf/1405.0334v1.pdf>

Who is Right?

<http://vixra.org/pdf/1405.0308v1.pdf>

What is Quark?

<http://vixra.org/pdf/1405.0307v1.pdf>

Superheavy Spherical Nuclei. Island of Stability

<http://vixra.org/pdf/1404.0471v1.pdf>

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<http://vixra.org/pdf/1404.0369v1.pdf>

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Spectral line H α

<http://vixra.org/pdf/1404.0248v1.pdf>

Shortened Great Table of Elementary Particles

<http://vixra.org/pdf/1404.0246v1.pdf>

Great Table of Elementary Particles

<http://vixra.org/pdf/1404.0243v1.pdf>

Movement Principles of the Fast-Spinning Bodies

<http://vixra.org/pdf/1404.0238v1.pdf>

Nuclear Fusion

<http://vixra.org/pdf/1404.0130v1.pdf>

Critical examination of fundamentals in physics

<http://www.trendsphysics.info/>

academia.edu

<https://tuke.academia.edu/LubomirVlcek>

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<http://www.trendsphysics.info/>

THE NEW COORDINATE SYSTEMS IN PHYSICS AND
MAGIC NUMBERS

viXra :

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Forecasted nuclei (quantity 42)

<http://www.trendsphysics.info/prvky/prvkyang.htm>