## Temur Z. Kalanov

# LIST OF MY MOST IMPORTANT PUBLICATIONS

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### **BOOKS:**

1) "The Critical Analysis of the Foundations of Theoretical Physics. Crisis in Theoretical Physics: The Problem of Scientific Truth" by Temur Z. Kalanov.

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LAP Lambert Academic Publishing. ISBN 978-3-8433-6367-9, Paperback, 96 Seiten (2010). . € 49 00.

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# 2) "The critical analysis of the foundations of mathematics. Mathematics: The Art of Scientific Delusion" by Temur Z. Kalanov.

Abstract. "Mathematics is a doctrine in which it is not known what we speak about and whether it is true that we speak" (Bertrand Russell), is not it? One can doubt the achievement of mathematics (or Bertrand Russell's assertion) within the framework of a correct methodological basis: the unity of formal logic and rational dialectics. A critical analysis of mathematics shows that the foundations of mathematics (geometry, Pythagorean theorem, trigonometry, theory of negative numbers, vector calculus, differential and integral calculus, set theory) contain formal-logical and dialectical errors. Therefore, standard mathematics does not satisfy the criterion of truth and is a pseudoscience, a scientific fiction, a useless game of the mind, i.e. the art of scientific delusion. Essentially, the analysis of mathematics within the framework of the correct methodological basis cannot be performed by a computer because a computer (unlike a human) does not have subconsciousness and instincts and, consequently, cannot think. The book should be useful to wide circle of readers that tend to comprehension of truth: from students to the Nobel Prize Winners in various fields of research.

LAP LAMBERT Academic Publishing (2017-12-05)
Price 74.90 € ISBN-13
978-620-2-08099-6
ISBN-10:
620208099X
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https://www.lap-publishing.com/

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