

Abstract Submitted  
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**On a New Theory of the Black Hole** TEMUR Z. KALANOV, Home of Physical Problems, Pisatelskaya 6a, 700200 Tashkent, Uzbekistan — In connection with the fact that the special theory of relativity and, hence, the general theory of relativity is incorrect [1], a new theory of black hole is proposed. This theory is methodologically connected with the new theory of physical vacuum [2] and based on the following philosophical statements: (1) information is essence of the Universe, and material objects are manifestation of essence; (2) extermination of essence leads to extermination of manifestation of essence; (3) material object cannot be exterminated without extermination of its essence. Consequently, black hole is an exterminated object (in other words, black hole and exterminating object is one and the same). The theory based on these statements explains correctly the processes occurring in the Universe. Ref.: [1] T.Z. Kalanov, “On logical errors underlying the special theory of relativity.” *Journal of Theoretics (USA)*, Vol. 6-1, 2004 (<http://www.journaloftheoretics.com>); [2] T.Z. Kalanov, “On a new theory of physical vacuum.” *Bulletin of the APS*, Vol. 50, No. 2 (2005).

Temur Z. Kalanov  
Home of Physical Problems, Pisatelskaya 6a, 700200 Tashkent, Uzbekistan

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