

Abstract Submitted
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On the Hypothesis of Universe's "System Block" TEMUR Z. KALANOV, Home of Physical Problems, Pisatelskaya 6a, 700200 Tashkent, Uzbekistan — The hypothesis of Universe's "system block" is proposed. The hypothesis is based on the new philosophy and gnosiology [1–3] according to which information is essence of the Universe, and material objects are manifestation of the essence. The hypothesis is formulated as follows: (1) the Universe represents the unity of opposites: essence and phenomenon (i.e. manifestation of essence). This unity exists as unity of matter states (i.e. as Universe structure); (2) "physical vacuum" is the lowest state defined by absolute zero of information and, consequently, energy; (3) "material objects" are the highest state defined by nonzero information and, consequently, energy; (4) there exist intermediate state between the lowest and highest states. It is called "dark matter"; (5) there is no physical interaction between the "material objects" and the "dark matter"; (6) interaction between the "material objects" and the "dark matter" represents informational interaction; (7) "material objects" is controlled by the "dark matter", i.e. the "dark matter" is Universe's "system block" (i.e. Supreme Reason). This hypothesis explains correctly the phenomena occurring in the Universe and shows that the generally accepted idea of the SETI is a methodological error in cosmology and astrophysics. Ref.: [1] T.Z. Kalanov. Bull. APS, Vol. 48, No. 2 (2003), pp. 154–155; [2] T.Z. Kalanov. Bull. APS, Vol. 50, No. 2 (2005); [3] T.Z. Kalanov, [http:// www.wbabin.net](http://www.wbabin.net).

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