

# The Dispersion Treatment of the Hubble Effect

VADIM ZHMUD

*Abstract.* Hubble effect is in the shift of the spectrum of the light from stars toward the red field. It is noted that the farther from the earth are astronomical sources of radiation, the greater the shift is. This undeniable fact is the basis of the assumption, deniable one, that the farther away the star are, the more quickly it move away from us. If such removal would occur, of course, it would lead to such an effect. However, not only such moveevent can cause such effect. Therefore, the alternative hypothesis is competent, that the global expansion of the Universe is not taking place, but there is only the dispersion attenuation of light energy as it propagates through space. This brings science to the hypothesis of infinite size of the universe. It is relatively stationary in the sense that none of its sufficiently large areas is moving in average in any given direction. It does not deny the movement of any of the objects in any direction and with at any speed. The author has published a series of articles explaining these views. These articles provoked many responses, and these responses continue to arrive through different channels, either through websites and e-mail. Incoming questions indicate that even those readers, who generally agree with some thesises of these publications, as it turns out, could not understand the unity and harmony of the proposed physical picture, describing the structure of the universe. Therefore, this paper answers to their questions and gives a holistic presentation of the resulting picture.

*Key words:* universe, astrophysics, galaxy, ether, relativity, Hubble effect, the speed of light.

## REFERENCES

- [1] V.A. Zhmud. Information approach to the problems of metrology and physics. Automation and Software Engineering 2015. № 3 (13). p. 80-109.
- [2] V.A. Zhmud. Novyj vzgljad na opyt Majkel'sona. Sbornik nauchnyh trudov NGTU. 2004. №4 (38). S. 157–164. ISSN 2307-6879.
- [3] Zhmud V.A., Bugrov S.V. The modeling of the electron movements inside the atom on the base of the non-quantum physics. С.В. Бугров, В. А. Жмудь. Proceedings of the 18th IASTED International Conference “Applied Simulation and Modeling” (ASM 2009). Sept. 7-9, 2009. Palma de Mallorca, Spain. P.17–23.



**Vadim Zhmud**

E-mail: [oao\\_nips@bk.ru](mailto:oao_nips@bk.ru)