

Author's response to referees on 031207A

First Report.

I agree with the referee comments concerning the discussion of the ether theory. The motivation of this work was just conditioned by the fact that there is still no consensus in this problem.

Answering the points 0) - 3), I would like to mention the following:

- 0) The value of the ether density is taken from Ref.[1] (Atsukovskiy V. A. General ether-dynamics. Moscow 1990).
- 1) - 2) The misprints pointed out are corrected.
- 3) Section 2.2 treats that the ether rotates as a flat disk. The grounds of this fact are expounded both in Subsection 2.2 and in Section 3. If this would not be the case, then the celestial systems would rotate anyhow, but not in a flat configuration. Farther, the calculations in Subsection 3.4 support this fact, as well as they grounds the new formula for the gravitation force in any point of cosmic space. This allows the removal of the incorrectness of the Newton formula; also this provides a possibility to change the cosmic flight routes making them more favorable (Subsection 3.6).

Finally, the revised version of the article is partly re-organized as recommended by the referee.

Second Report.