

<u>Item</u>	<u>Flaw</u>
1. Hubble-Lemaître law:	incorrectly interpreted.
2. Horizon problem / unobservable:	fiction that arises from this flaw.
3. Light that did not yet have <i>time</i> :	fiction arising from horizon problem.
4. <i>Superluminality</i> :	fiction arising from horizon problem.
5. <i>Size of the universe</i> :	cannot ever exceed the <i>Hubble distance</i> .
6. Euclidean (flat) universe:	in conflict with measured data (SDF & SDSS:DR14Q).
7. Inflationary universe:	fiction to tackle fictitious horizon problem and non-existing flatness problem.
8. Cosmological/expansional <i>redshift</i> :	cannot exist.
9. Expansion:	actually is <u>extension</u> .
10. Accelerated expansion:	in conflict with SDSS:DR14Q <i>redshifts</i> .
11. Dark <i>energy</i> :	unnecessary hypothesis.
12. Origin & <i>redshift</i> of CMB:	where is the hydrogen spectrum?
13. Becoming a black hole:	cannot occur in a finite time, so all must be primordial.
14. Inside a black hole:	effective size = 0 (gravitational and Lorentz contraction).
15. Dark matter:	unnecessary hypothesis.
16. <i>Keplerian decline</i> in galaxy rotation:	SEVERE violation of high school level maths and physics!

Conclusions/recommendations

- i. STICK TO THE *SPEED LIMIT OF LIGHT* since it is directly derivable from Maxwell's equations;
 - a. then there exists no horizon in the universe;
 - b. and no unobservable part of the universe;
 - c. and no objects whose light that did not yet have *time* to reach us;
 - d. and the universe is in any direction not even a *Planck length* larger than the *Hubble distance*;
- ii. there exists no observational evidence whatsoever regarding unobservable entities;
- iii. the universe is not Euclidean (flat) but a perfectly linearly extending 3-sphere with half its circumference equal to the *Hubble distance* - *Ex observatis phænomenis deductum est* - and the CMB source cannot be anything else than a not so very large entity around the antipodal point;
- iv. both premises of Alan Guth's inflationary universe are false;
- v. this theory with only false premises literally starts with: *these problems would disappear if* (at line 5 of the introductory text), and then a phenome-none-based excogitation is presented;
- vi. Cosmological/expansional redshift cannot exist, so it doesn't;
- vii. dark energy is a superfluous excogitation to be abandoned since there is no accelerated expansion;
- viii. dark matter is a superfluous excogitation to be abandoned since galaxy rotation can be adequately described using proper maths and physics;

See also: <http://henk-reints.nl/UQ>

A man may imagine things that are false, but he can only understand things that are true, for if the things be false, the apprehension of them is not understanding.
Isaac Newton. (https://www.brainyquote.com/quotes/isaac_newton_141476)



ETERUM CENSEO
SUPERLUMINALITATEM
ESSE DELENDAM