

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

### Conclusions/recommendations

- i. STICK TO THE *SPEED LIMIT OF LIGHT* since it is directly derivable from Maxwell's equations;
- ii. then there exists no horizon in the universe
- iii. and no unobservable part of the universe
- iv. and no objects whose light that did not yet have *time* to reach us
- v. and the universe is in any direction not even a *Planck length* larger than the *Hubble distance*;
- vi. there exists no observational evidence whatsoever regarding unobservable entities;
- vii. 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 immediate deductum est* - and the CMB source cannot be anything else than a not so very large entity around the antipodal point;
- viii. both premises of Alan Guth's inflationary universe are false;
- ix. this theory with only false premises literally starts with: *these problems would disappear if* (at line 5 of the introductory text), and then an excogitation is presented, not based on any observed phenomenon;
- x. Cosmological/expansional redshift cannot exist, so it doesn't;
- xi. dark energy is a superfluous excogitation to be abandoned since there is no accelerated expansion;
- xii. dark matter is a superfluous excogitation to be abandoned since galaxy rotation can be adequately described using proper maths and physics;

Probably these lists are incomplete...

### References:

- a. <http://henk-reints.nl/astro/HR-on-the-universe.php>
- b. <http://henk-reints.nl/astro/HR-shape-of-the-universe.pdf>
- c. <http://henk-reints.nl/astro/HR-galaxy-rotation.pdf>
- d. <http://henk-reints.nl/astro/HR-on-the-universe-contemplations.pdf>
- e. <http://henk-reints.nl/UQ/> (contains links to my video)



ETERUM CENSEO  
SUPERLUMINALITATEM  
ESSE DELENDAM