

COSMICAL IMMERGENCE

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Abstract. It is shown how the Occam Razor favors the one-parameter Coherent Cosmology against the 6-parameters Λ -CDM model, exhibiting dramatic faults in the development of Modern Cosmology. This confirms that the Cosmical Immersion which deduce the atomic dimension from cosmical elementary calculation must be taken seriously. The universality of Intelligent Life follows immediatly.

In Cosmology, an obligatory preliminary calculation is to apply the elementary dimensional analysis (Length, Mass, Time) to compute a *length* where the *local* 'c' is replaced by the *quasi-nonlocal* \hbar . A term m^3 appears in the formula. The simplest choice is so the product of proton, neutron and electron masses. In September 1997, I thus obtained a value corresponding to half the so-called Universe age, in its actual indetermination, after the Palanck mission of 0.3%, the 2 factor coming from the critical condition $R/2 = cT/2 = GM/c^2$, where M is the total equivalent mass of the visible Universe.

Applying an elementary gravito-electrical symmetry, this brings back directly to the bare Bohr radius [1], where 'c' does not appear, a fact one cannot explain directly without involving cosmology, as done above.

How such a mandatory calculation has escaped the scientist attention is a mystery of science. In fact, many *drastic errors* have been committed in the development of Modern Cosmology. Here is a more exhaustive list than in [2]:

1. Apply *local* equations (GR) to Cosmology
2. Call 'Hubble constant' the inverse of a time, while only *distances* are mesured
3. Take seriously the value of this constant on the basis of *only one far galaxy* (Humason).
4. *Reject the Eddington Theory on the basis of the above false value*, while he has predicted the critical character, the galactic acceleration, and the correct values for the Universe radius and the equivalent number of atoms in the Universe [3].
5. Put $c = 1$ in formula, *confounding Time and Space*.
6. Consider the Cosmic Microwave Background as a proof of Primordial Big Bang (PBB), while *only the steady-state cosmology has correctly predicted its temperature*.
7. Explain the Large Number correlation by an *imprecise* Anthropic Principle.
8. Reject Van Flandren arguments for a *tachyonic* speed of gravity.
9. Tie the necessary electricity-gravitation synthesis to an *unobservable* PBB event.
10. Introduce a monstrous *ad-hoc inflation* to correct the PBB model
11. *Censor* any anormal observations, as those of Kotov [3], Arp, Napier, Tifft
12. *Censor* the above elementary calculation.
13. *Censor* the confirmation of the above calculation using a Coherent Principle, leading to Coherent Cosmology [4], where *elementary non-relativistic* demonstrations give the main so-called 'free-parameters of the official 6-parameter cosmology: in particular the Universe radius, the critical condition (witout inflation !), and the material coefficients 3/10 and 0.045.

The main lesson of History is that people forget the lessons of History. The Modern cosmology is clearly using again the 'epicycle process' of pre-Copernic astronomy. The application of the Occam razor gives preference to the above one-parameter Coherent Cosmology.

This means the above elementary calculation must be taken seriously. In other word the simplest way to compute the atom radius is to deduce it from Cosmology, which so becomes the simplest science. Now Platon said (Lois, XII, 961 d), *'To avoid errance, individuals and politics must fix an*

unique goal and find the strategic way towards this goal". Clearly this *goal* is the comprehension of the Cosmos, and *the way* is the Immergence, the reverse of the well-known but not understood 'emergence phenomena'. These conceptions join Laughlin conceptions [5], but, strangely enough, he did not coin this obvious neologism: the *Cosmical Immergence* concept.

Applying *Cosmical Immergence* to the mysteries of the famous strange 'illuminations' of discoverers such as Poincaré, it suffices to start from the calculation character [3] of the Cosmos to deduce that *the Cosmos creates human beings to optimize its own computation process*. It is the ultimate answer of the question 'why do we ask questions?' This corresponds to an *Inverse Anthropic Principle*, implying an *universality of Intelligent Life* [6].

[1] Francis M. Sanchez (2014) Holographic Two-Step Gravitoelectromagnetic Interaction [viXra:1411.0582](#).

[2] Francis M. Sanchez. (2014) Correcting Five Historic Faults in Modern Cosmology [viXra:1404.0048](#).

[3] Francis M. Sanchez, Valery A. Kotov (2014), From Coherent Cosmic Oscillations to the Steady-State Cyclic Ultrafast-Reconstructive Universe. [viXra:1401.0228](#)

[4] Francis M. Sanchez. (2014) An Unifying scientific Principle. [viXra:1403.0309](#)

[5] Laughlin, Robert B. (2005). *A Different Universe: Reinventing Physics from the Bottom Down*. Basic Books.

[6] Francis M. Sanchez, Valery A. Kotov (2014) The Inverse Anthropic Principle [viXra:1404.0118](#)