

TWENTY-EIGHT CLANDESTINE AND NOXIOUS POSTULATES; SOME REMEDIES.

1. TWENTY-EIGHT CLANDESTINE AND NOXIOUS POSTULATES.

A recent issue of Scientific American and its french version (March 2020) contains two papers that are said as innovating, but indeed routine-minded:

<https://www.pourlascience.fr/sd/epistemologie/observateur-un-defi-pour-la-physique-quantique-18875.php>

<http://www.afscet.asso.fr/modelisation-quantique/2018-2019/Zwirn-solipsisme-convivial-08octobre2018.pdf>

They pretend to «*superposed states*» for their «*observers*», never doubting the twenty-eight surreptitious postulates that are still hegemonic and in power for 1927.

Let's list these surreptitious postulates, taught everywhere:

1.1. Anti-optical and corpuscularistic postulate. This postulate of the existence and pertinence of corpuscles is extrapolated from macroscopical physics, though microphysics is distant from it by the Avogadro-Ampère constant. Implicitly, the photons and the electrons are taught as corpuscular, which contradicts all the experimental corpus of interferences, radio-crystallography, anti-reflect layers, Ramsauer-Townsend transparency, and interferential colors. Corpuscularism against the facts of the optics was the worst possible idea, but since 1905, they did not catch any other idea.

1.2. Anti-relativistic postulate. As Isaac Newton's god was in charge of simultaneously and instantly seeing all, *SO*, Newton's time must exist, with the properties of being unique, ubiquitous, universal, and valid at any scale.

Corollary: Inveigh against the two retrochonus components, present in any solutions of Dirac's equation for the electron (1928). Inveigh against the negative masses and negative energies implied by Minkowski's formalism (1908). Inveigh against any retro-symmetry in microphysics.

1.3. Deny and censure any plane-polarized light. Though the bees, the photographers, and the astronomers use the plane-polarized light with profit, denying it remains necessary to the corpuscularistic and anti-relativistic postulates, listed above. Sure, one can convince himself, by riveting his eyes on the mathematical formalism, that he could simulate a plane polarization by pairing two helicoidal photons. BUT on several kilometers, it remains impossible to maintain such a pairing in frequency, phase, and direction of propagation. Moreover, their corpuscularistic postulate forbids any efficiency to quarter-wave plates, or any kind of fraction-of-wavelength plates, which have no difficulties with undulatory optics from Fresnel, 1819. Following Maxwell's equation for electromagnetism, any photon may have any polarization between the pure circular and the pure plane. They hide it from their students.

1.4. Denial of the optical properties of crystals, birefringence in particular, and of the properties of dextrorotatory or levorotatory solutions. Visible light is MUCH larger than the crystal lattice, or the quasi-lattice of glasses. It does not see many crystal details, which are of great interest to metallurgists and electricians. For light, any crystal with cubic symmetry is isotropic. *And yet!* exclaims the metallurgist. Light can only discern in birefringent crystals the property of being "uniaxial" like icelandic spar or "biaxial".

1.5. **Denial of radiocrystallography, and censorship.** In mineralogy or metallurgy laboratories, we make daily use of radiocrystallography, both with X-rays, by far the most preferred, and with electrons. It is Fresnel's optics (1819) that is suitable for these crystalline interferences, and at their limit Scherrer's law. For each photon, for each electron, or for each neutron. So they have to hide this from their students.

1.6. **Tribal postulate: anti-Schrödinger, anti-Broglie, anti-frequency.** Obligatory negation of all frequency phenomena other than electromagnetic and massless. Negation of the intrinsic frequencies of particles with mass (Louis de Broglie's spinorial frequency: mc^2/h , and P.A.M. Dirac's electromagnetic frequency: $2mc^2/h$). And retaliation against who does not participate in the denial of reality. If we take the large two-volumes course on QM by Claude Cohen-Tannoudji, Bernard Diu and Franck Laloe, the word "frequency" appears once on page 18, and then disappears for good on page 18. They take care never to make any value explicit.

1.7. **Postulate of macroscopic geometry.** The Göttingen-copenhaguists postulate the self-similarity of space and time at all scales, with unlimited extrapolation. Moreover, they extrapolate to microphysics the statistical irreversibility of macrophysical time, and extrapolate the infinitely fine topology inherited from the 19th century mathematicians, where it has no more validity, under the atomic limit. They postulate that the two electrons of a helium atom are geometrically distinguishable from each other.

1.8. **Geometric corollary: *something very small*.** Postulate that one can always find something smaller allowing to define that something, an electron for example, is "small", corpuscular, or even "point-like". No luck: it doesn't exist. But it does exist for a mold spore: biologists have the right microscopes for that, scanning electron microscopes if they have to. Sufficiently accelerated (0.1 V are enough...), the electrons have much smaller wavelengths than the spore.

1.9. **Macroscopic geometrical corollary #2, anti-absorbers:** "*There are no absorbers in microphysics, just corpuscle artillery, just like in macrophysics*". As a result, they must deny the totality of spectral absorptions, all dyes, all colorimetric and spectral methods of analytical chemistry.

1.10. **Denial of the acquisitions of solid state physics.** In solid state physics, we deal with phonons, which sampled each on tens to billions of atoms, can never become "*corpuscular*", nor even *very small*. However, the conduction electrons of metals interact with these phonons. They themselves each stretch over tens of interatomic distances, or even much more. This is incompatible with the mythology of "*something very small*".

The reflection of light by metal conduction electrons also prevents them from becoming very small, given the wavelengths of light and near-infrared waves. All knowledge not allowed to cross the distance between two lecture halls on the same campus.

1.11. **"Positivist" camouflage for a theoretical and fictitious "observer":** Systematic appeal to the dimensions of macrophysics, with its mythical "*observer*", to govern microphysical realities. Big animals with slow perceptions (out of all proportion with the intrinsic frequencies of microphysics, of the order of zettahertz or even yottahertz), they place themselves right in the middle of the image supposed to govern microphysics. Instead of looking for and adopting the relevant analysis meshes for microphysics, and the relevant experimental corpus, they deny the realities, and place the territorial comfort of the cult leaders above everything else. By dint of impoverishing the experimental corpus, they send to the trap door (to the *Memory Hole*, wrote George Orwell) the totality of the experimental results acquired throughout the 19th and 20th centuries in interferential optics in incoherent light, in particular all the experimental data proving and using the coherence lengths and durations for each photon. Results and laws that we also use in radiocrystallography, whether with X-rays, electrons or neutrons.

1.12. Anthropocentric cognitivist corollary: "*Physical laws are made to satisfy the curiosity of the copenhagenist physicist, thus to provide him with information*". If the copenhagenist physicist can no longer determine the new position of the submarine, then the submarine is "*in a superposed state*"! Banesh Hoffmann *scribit...* QM teacher's trick: sometimes "*state*" is supposed to designate what is, a true state of something that exists, sometimes it designates only our knowledge and ignorance, affirming that reality does not exist, but that only the little bit of knowledge that in principle we have of it exists. To dare to distinguish the microphysical realities from the knowledge that we have of them is, in the eyes of the copenhagenists, a crime of heresy by a relapsed person. That we arrived some fifteen billion years too late to dictate that the physical laws would be made for us, does not alert them.

1.13. Anti-Fourier corpuscularism and anthropocentric corollary: The properties of the Fourier transform were known for a century: for any wave packet the product of its indefiniteness in frequency and its indefiniteness in length is bounded lower. In less precise but more popularized: product of the "*length*" of the wave train, by the width of its frequency spectrum. Now for each photon, this packet of electromagnetic energy has a $h\nu$ content fixed by its central frequency ν , counted in the same frame of reference, for example that of the laboratory; the shorter the photon, the higher its local amplitude, while the shorter it is, the more spread out the spectrum of frequencies; in other words: the more imprecise and ill-defined the impulse and the energy are.

The Fourier transformation, and the dilation rule: if you double the length of a wave train at the same center frequency, you define it twice as well in frequency, and the width of the frequency spectrum around its center is divided by two. In other words, the central frequency peak is twice as high. In the limit, a perfectly defined frequency corresponds to a wave train of infinite length and duration, extending from the dawn of time to the dawn of time. The product of the indefinities $\Delta\nu \cdot \Delta x$ is constant and proportional to h ; we convert the frequency into a momentum p , $h\nu/c$ for a photon. This constant $\Delta p_x \cdot \Delta x = \frac{h}{2}$ ($0,52728633 \cdot 10^{-34}$ J/Hz) is universal for any individual wave: photon, electron, neutron, proton, etc.

In the ideally simple case where the amplitude of the wave train is a Gaussian and so is its spectrum, the product of the average widths of these Gaussians of known areas is made.

Werner Heisenberg relabeled the Fourier transformation as Heisenberg's Uncertainty Principle (**corpusculistic**). Translation fantasy: *Unschärfepprinzip* could be more correctly translated as Principle of Imprecision or Indeterminacy. But even so, the original egocentric fault of methodology remains: to believe that precision is a due-because-corpuscle, and to resent that this due is not provided by nature. Heisenberg persisted in believing in corpuscles, and here is that cruel nature conspired to hide from him the "*precise position*" and the "*precise speed*". What a cruel "*uncertainty*"!

1.14. Wigner-Neumann animist postulate. "*I, a big macrophysical animal who declares myself "observer", am so almighty that I have the power to delay indefinitely the absorption reactions and the resulting decoherence, just by not observing!*".

Erwin Schrödinger's mocking apologue, published in 1935, of the "*living-dead*" cat until an august Göttingen-copenhagenist physicist bends his august attention to the result of the experiment, openly mocked the Wigner-Neumann delusion.

1.15. Postulate of separability and delimitability (or postulate of triumphant laziness): Since we can only write a bounded system, and since we are all eager to lighten already very heavy writings anyway, THEN in truth a quantum system is quite naturally bounded, reasonably separated, and independent from the rest of the world. (Except that this is grossly false).

1.16. Magical and supernatural postulate, or if you prefer gremlin and poltergeist: Postulate that each quanton (electron, photon, proton, neutron, etc.) is exempt from all physical laws, but that magically, in large numbers, its statistics join physical laws, while progressively losing the corpusculistic characters that were postulated. They never say what would be the physical miracle that would transform their individual not-any-law into a collective law.

1.17. Anti-undulatory postulate: Even when it is calculated and chemists use it successfully daily, they postulate that the matter wave according to Schrödinger's equation remains fictitious, without any physical meaning, and its only use is to be elevated at the hermitian square

to obtain the probability of apparition of the magical and supernatural corpuscle. This goblin and poltergeist corpuscle is allowed to explore "*beyond the planet Jupiter*" during its travel from the electrons cannon to the cathodic screen or the microchip to engrave. Feynman and Hawking have written it, so it must be true...

1.18. Anti-frequency and anti-metrological postulate. Only the technological advances in radio-electricity and piezo-electricity since the Second World War have familiarized us with precise metrology of frequencies in electromagnetism. To define a frequency to within 10^{-5} requires to have observed and measured at least one hundred thousand periods. But one hundred thousand periods of a photon or an electron, or even much more, is incompatible with the corpuscle ideation that is taught everywhere: much too long, much too cumbersome! Hence the tactical conclusion to save the corpuscularist ideation: deny and run away from all the periodic characters of any quantum.

1.19. Confusionist postulate: Deny the atomic limit in waves, and prescribe to confuse all kinds of "*waves*" with each other, each individual wave with any collective of waves, and these collectives with waves of gravity or elasticity in a collectivity, and mathematically identify all three, the individual, the collective, and the waves of collectivity. Born-Heisenberg copenhaguism is based on this trick, with "*instantaneous wave packet reduction*", and it has been going on like this for ninety-five years.

1.20. Anti-radio-electricity censorship, anti-directivity. Discourage students from learning about the conditions of antenna directivity, known from the development of radar during WWII, then radio telescopes, microwave beams, and telecommunication satellites, and forbid them to make the connection with **Zur Quantentheorie der Strahlung** [*On the Quantum Theory of Radiation*] (1916 Zürich, 1917 Phys. Zs. 18) where Albert Einstein demonstrates that every photon is perfectly directional and transmits exactly the $\mathbf{h}\mathbf{v}/c$ momentum; an article not to be known at all, by the way.

1.21. Anti-Dirac, anti-Schrödinger censorship. Hide from students that out of the four components of the electron wave solutions, of the 1928 Dirac equation, two are retrochronous (go backwards from our macro-time, valid at our scale).

1.22. Tactical postulate, anti-semantic. A twenty-second postulate - not scientific but tactical - is invoked in every controversy: it consists in agglomerating quantum formalism and Göttingen-København semantics, and teaching that they are inseparable. For this, the very notion of semantics is denied. This is for strictly tactical reasons. Whenever the formalism we share has won a victory, they have shouted that this proves their copenhaguiist semantics, and that any other "*is just philosophical preferences devoid of any interest*". In his "**Philosophy of Physics**", Mario Bunge had made many enemies: he had asked that semantic axioms be made explicit, instead of remaining clandestine. But we are proving every day that we can throw out their copenhaguiist semantics without throwing out the formalism - strictly deterministic and strictly undulatory - which they immediately deny.

1.23. Göttingen postulate. There are only states, the transitions are juggled away, and have a null duration.

Already in 1927, coming back perplexed from the Solvay congress, Erwin Schrödinger wrote: "*Curious physics, which concentrates on states, and passes over transitions in silence!*"

The duration and physical properties of transitions, such as the coherence lengths of photons, revealed by the interference phenomena described since Thomas Young, are incompatible with the corpuscularist postulate.

1.24. You will not peep under the skirts of the Quantum ! You will not tolerate any investigation on subquantic microphysics, as the Quantum is the unbreakable horizon, by which we are the modern forever after.

1.25. **Postulate of pack superiority.** *We are the Moderns forever! And after me, there will be no other prophets because the New Physics is complete! And the unbelievers and vile objectors are just dim-witted, brain-damaged, and retired cavalry colonels who try to return to classical physics.*

All sects and most packs sell narcissistic prostheses to their followers.

The more calamitous the performance of scientific education, the more it *proves the superiority* of the tribe over the remaining of humanity, that it looks down from so high. Niels Bohr's quote: "*If you think you understand Quantum Mechanics, it is because I have not explained it to you properly*" that no one is allowed to understand the trickery that we profess.

1.26. **Dispense with reading the original memoirs, submit to the rumor.** So boasted Anatole Abragam, pages 67-68 of *De la physique avant toute chose*: Postulate that the professors and elders have understood everything the first time, have not fudged anything.

1.27. **Prohibition to learn and practice the disciplines of heuristics.** Whoever is experienced in the disciplines of heuristics, or the **art of finding**, such as Zwicky's morphological analysis matrices, or the "*crushing grids*" (increase, decrease, invert, combine, modify or move, sensorialize), is likely to quickly see the logical impasses imposed by those of the Great Ancestors who defeated and eliminated the other pioneers, and the continuation of these malpractices in the present.

1.28. **Never modularize nor make correctable the taught doctrines.** 27th surreptitious postulate, inherited from the "*vector product*" trick of 1888: Never modularize nor make the taught doctrines corrigible; always code with a soldering iron. To force the following generations either to swallow the mistakes of the previous generations, or to throw thousands of books in the trashcan and rewrite them blank.

Goddamn! The total victory of Oliver Heaviside and the British Empire over all continental physicists and mathematicians cannot be questioned! That would be anarchy!

Donnerwetter! The total eradication of Joseph Fourier and Erwin Schrödinger and the total de-Schrödinger-ization of Schrödinger's matter wave equation are now coded with a soldering iron in all QM textbooks. As a result, the highest leading lights remain in front of Dirac's electronic wave equation and its calculation by Schrödinger, the properties of the Zitterbewegung, like a hen in front of a penknife.

And it allows selecting students - including future professors, and this from generation to generation - on their ability to accommodate the worst absurdities.

2. CONDITIONS TO BECOME A SCIENCE?

2.1. **For a field of study and knowledge to become a science, it needs:** 1. a delimitation of its object,

2. a first list (non-negotiable, but still growable) of its reality tests,
3. and a rationalized and transparent socialization, taking into account all its clients;
4. to be able to be transmitted, applied, and taught with a decent yield;
5. to manage all the conflicts of neighborhoods and the apparent contradictions with the experimental corpus accumulated by other sciences;
6. to demonstrate that it knows how to revise its foundations when unforeseen experimental facts require it - however painful the *heartbreaking* revision may be.

2.2. **The disaster in quantum education.** *Insights into teaching quantum mechanics in secondary and lower undergraduate education*, (21 pages) issued in PHYSICAL REVIEW PHYSICS EDUCATION RESEARCH 13, 010109 (2017), by K. Krijtenburg-Lewerissa, H. J. Pol, A. Brinkman, and W. R. van Joolingen, all four are Dutchmen.

Link :

<http://journals.aps.org/prper/pdf/10.1103/PhysRevPhysEducRes.13.010109>

They admit that teaching according to the hegemonic tradition gives painful results.

They state that "*the introduction of probability, uncertainty, and superposition, which are essential for understanding quantum mechanics, is highly nontrivial*". They point out that all this is "*counterintuitive*", and point to the "*classical world*" as the great culprit. They are not able to detect that if it is so difficult to inculcate in students not yet specially selected for their

docility and their tolerance to absurdity, it may also be because it is stupid and very badly done.

An unfinished or adulterated science means a dismaying teaching performance.

2.3. Other famous failures of science education

. See the publications already given in the general public:

Les plus beaux loupés de l'enseignement des sciences. Le management par les féodalités est fautif

<https://www.agoravox.fr/culture-loisirs/culture/article/les-plus-beaux-loupes-de-l-212926>

Le contrat de désensorialisation dans l'enseignement des sciences. Abus et remèdes

<https://www.agoravox.fr/actualites/technologies/article/le-contrat-de-desensorialisation-206712>

Abus et remèdes (Le contrat de désensorialisation dans l'enseignement des sciences)

<https://www.agoravox.fr/actualites/technologies/article/abus-et-remedes-le-contrat-de-206776>

Quand une sensorialité inadéquate induit en erreur

<https://www.agoravox.fr/culture-loisirs/culture/article/quand-une-sensorialite-inadequate-210758>

Les ravages du postulat anti-relativiste sur l'enseignement de la quantique

<https://www.agoravox.fr/actualites/technologies/article/les-ravages-du-postulat-anti-178635>

Ces grandeurs physiques que les programmes de maths ne savent pas vous enseigner. 1.

<https://www.agoravox.fr/tribune-libre/article/ces-grandeurs-physiques-que-les-167250>

Ces grandeurs physiques que les programmes de maths ne savent pas vous enseigner. 2.

<https://www.agoravox.fr/culture-loisirs/culture/article/ces-grandeurs-physiques-que-les-167251>

3. TWELVE POSTULATES OF TRANSACTIONAL MICROPHYSICS

Let us recall the twelve postulates practiced in transactional (quantum) microphysics:

1. The absorbers exist. "*Corpuscular aspects*" do not exist. In microphysics no description is valid if the absorber is not explicitly mentioned.

Consequently, a fine physics of absorbers must replace hasty slogans.

2. The phase unit is involved in Planck's constant; the Planck's action per cycle, in joule per hertz, is not the Maupertuisian action.

3. Broglie-Dirac postulate: As soon as a particle has a mass, then the intrinsic de Broglie's and Dirac-Schrödinger's frequencies each play their role. The Broglie's frequency mc^2/h for each interference of a quanton with itself, the Dirac-Schrödinger's $2mc^2/h$ for any electromagnetic interaction, for example Compton's scattering.

4. Fermat-Fresnel postulate: For any individual wave, the real paths arrive in phase, possibly to within an integer number of periods (this is then called an interference). Hence the geometry of the Fermat spindle between absorber and transmitter. Spindles in the plural in case of interference on the path.

5. Every photon has an absorber. A photon is a successful transaction between three partners: an emitter, an absorber, and the space that separates them or the transparent or semi-transparent media that separate them, which transfers by electromagnetic means a loop quantum \mathbf{h} , and respectively a momentum-energy that depends on the respective frames of the emitter and the absorber.

Complication n° 1: in Rayleigh scattering, the transaction involves five partners: emitter, absorber, pinching and turning nitrogen molecule, and with recoil, and the two intermediate spaces crossed.

Complication n°2: An Aspect type experiment too involves five partners, with two absorbers for a single emitter of two complementary photons.

Complication 3: It is the difference between two **stationary** states of the emitter or the absorber (or both) that sets the photon transaction at a Planck's loop quantum, \mathbf{h} , via the Schrödinger equation; but if neither the emitter nor the absorber are held by stationary states, for example the electron in a synchrotron on the emission side, then what miracle can obtain the second quantization traditionally postulated by the official church? We do not have the answer.

On the absorber side: accelerating an electron by a potential difference, whether in a cathode ray tube or a linear accelerator, we do not know how to quantize the absorbed electromagnetic wave: zero stationary states before/after the accelerated electron.

6. The properties of individual waves crowds follow from the properties of the individual waves, not the inverse.

7. The arrow of the macro-time follows only from thermodynamics, and not from the evolution laws of microphysics.

8. Isaac Newton's god, in charge of seeing everything simultaneously, does not exist. Isaac Newton's time, supposedly a universal and ubiquitous parameter, does not exist either. At most, there are local macro-times, simple local statistical emergences. We distinguish the macro-time of macro-systems, such as the laboratory, from the micro-time in which all the trials and errors of the Broglie waves that lead to successful transactions are inscribed.

9. Kirchhoff's principle of retrosymmetry. In our weak gravity, far from a Schwarzschild horizon, any real optical path is reversible.

10. No, it is impossible to isolate a quantum system, as one isolates its equations on a blackboard: it is impossible to screen out the de Broglie-Dirac background noise. It is impossible to predict which transaction will emerge from this noise, nor when. The involved frequencies are inaccessible on a human scale; Ashby's required variety theorem is there to ruin all our fantasies of omniscience; moreover, the innumerable micro-times at work are bidirectional, orthochronous as well as retrochronous - Dirac obliges.

11. More generally said, we also investigate under the skirt of the Quantum. We allow ourselves to go beyond this "*unbreakable*" horizon.

12. Plus the **moral principle**: we forbid ourselves to censor the experimental results that embarrass the doctrine in power.

It is incorrect and contrary to scientific ethics to conceal from students so many experimental facts that embarrass the copenhagenists: all the spectral absorptions, all the interferences such as anti-reflect layers, quarter-wave blades, interferential colors, the Goos-Hänchen effect in plane polarization and the Imbert-Fedorov effect in circular polarization, proofs of the non-negligible width of each photon. A vast list. They have hidden from you the Ramsauer-Townsend resonant transparency, strictly undulatory, and established since 1921. If the electron is always undulatory, how will they keep their mysterious *wave-corpucle dualism* that so impresses the stunned crowds? As well as many other experimental results that are everyday but incompatible with the corpuscular ideation of the Göttingen-copenhagenists.

There is clearly an economy of postulates, and a large economy of concepts.

The properties of the Fourier transformation are simply inherited, not erected as some new principle.

The magic concepts of "*superposition of (corpuscular) states, entanglement (of theoretical corpuscular states), measurement, psyche and consciousness of the observer*", well, we don't care about them: **Sire, I didn't need this hypothesis.**

4. REALITY PROOFS ALREADY PUBLISHED.

Une preuve définitive par l'astigmatisme ou la myopie

<https://www.agoravox.fr/culture-loisirs/culture/article/une-preuve-definitive-par-l-205808>

Coluche nous avait expliqué pourquoi l'expérience de Gouanère & al. ne sera jamais refaite

<https://www.agoravox.fr/culture-loisirs/culture/article/coluche-nous-avait-explique-154321>

Quand des sommités niaient à pleins tubes

<https://www.agoravox.fr/culture-loisirs/culture/article/quand-des-sommites-niaient-a-154357>

Contrafactuelité, Penrose, Elitzur et Vaidman

<https://www.agoravox.fr/culture-loisirs/culture/article/contrafactuelite-penrose-elitzur-155565>

Postulats hérités du copenhaguisme, et qu'on n'admet plus en physique quantique transactionnelle (TIQM)

<https://www.agoravox.fr/actualites/technologies/article/postulats-herites-du-copenhaguisme-162467>

Comment devient-on incroyant au mythe de la Sainte Dualité

<https://www.agoravox.fr/actualites/technologies/article/comment-devient-on-incroyant-au-166289>

Les Nobels de Physique 1933 : P.A.M. Dirac et E. Schrödinger

<https://www.agoravox.fr/tribune-libre/article/les-nobels-de-physique-1933-p-a-m-167160>

Le bruit de fond Dirac-de-Broglie, et l'impossibilité de délimiter un système quantique

<https://www.agoravox.fr/actualites/technologies/article/le-bruit-de-fond-dirac-de-broglie-176013>

Les ravages du postulat anti-relativiste sur l'enseignement de la quantique

<https://www.agoravox.fr/actualites/technologies/article/les-ravages-du-postulat-anti-178635>

Quinze postulats hégémoniques, subreptices et injustifiables, en quantique anti-transactionniste

<https://www.agoravox.fr/actualites/technologies/article/quinze-postulats-hegemoniques-189425>

Exemple de l'impasse Göttingen-København depuis 1927

<https://www.agoravox.fr/tribune-libre/article/exemple-de-l-impasse-gottingen-193976>

La confusion de deux sommités : confondre le sort individuel d'un électron avec une foule

<https://www.agoravox.fr/tribune-libre/article/la-confusion-de-deux-sommites-202220>

Tendance Groucho : « Allez chercher un garçon de neuf ans ! »

<https://www.agoravox.fr/culture-loisirs/culture/article/tendance-groucho-allez-chercher-un-205041>

Une preuve de plus, par les filtres solaires

<https://www.agoravox.fr/actualites/technologies/article/une-preuve-de-plus-par-les-filtres-234691>

5. CONCLUSION

For 1927 the hegemonic teaching of the Göttingen-København tribe has been like a knight who has sent his horse across the ford. The horse and the formalism came on the right riverside: undulatory and deterministic. The knight in armor remained on the corpuscular riverside, and crows: "*Nobody can understand Quantum Mechanics!*". Himself took the appropriate means to understand nothing.

To unfinished or adulterated science, dismaying teaching output.

No more all this jumble with transactional microphysics: the absorbers exist, their properties exist, and some of them are quantic.