

Title

SNACKS FOR THE MIND - more details at
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Author

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Abstract

These are 6 short “Snacks for the Mind” (Food for Thought that I’ve written during the last 2 days). Actually, most of these snacks are from articles I posted to vixra months ago. I’ve only changed a few sentences here and there in the last 4, in an attempt to express my main thoughts very briefly (but still clearly). The first 2 are things I’ve been thinking about during the last week or two.

Content

1) I’ve been doing a lot of thinking about medical oncology in the last four years; inspired by Dr. Sorour, and colleagues, of Toowoomba Qld. Australia and (previously) by Dr. Atkinson of Woolloongabba Qld. Australia. I sometimes find it difficult to express myself using speech but am much better at expressing my thoughts when I can sit in front of my computer keyboard and spend all the time I want typing and looking up things in books or on the Internet. So I’m writing this short query to ask you if there could possibly be a future treatment for all forms of cancer that involves bioengineering which causes beneficial mutations that convert malignant, out-of-control cells and tissues to healthy, functional cells and tissues. This possibility occurred to me because a) while most mutations are harmful, a tiny number are not harmful; and b) researchers are already able to change tissues into different tissues e.g. skin into sperm.

2) Radio astronomy has the advantage that clouds and rain do not affect observations. Infrared radiation can penetrate the gas and dust clouds that hide objects in space (space-time, to be more precise). Though these telescopes must be physically larger than an optical telescope to be able to make images of comparable clarity, could they be adapted to enable amateur astronomers to view a solar eclipse through clouds and rain?

3) Discovery.com (March 18, 2010) says: "The universe is not only expanding -- it's being swept along in the direction of constellations Centaurus and Hydra at a steady clip of one million miles per hour, pulled,

perhaps, by the gravity of another universe." (this is called "the dark flow") Could this be describing evidence of an idea suggested by mathematics' "Poincare conjecture", which says you cannot transform a doughnut shape into a sphere without ripping it? Maybe the known cosmos is actually one of infinite subuniverses shaped like a Figure-8 Klein Bottle (whose shape reminds me of a doughnut) gaining rips called wormholes when extended into the infinite spherical spacetime that forms one superuniverse (whose infinity prohibits other universes existing - discovery.com's "another universe" would be another subuniverse). Wormholes might exist in a 5th dimension, and the boundary where subuniverses meet could be called a Cosmic String (boundaries would be "cracks" in spacetime formed as subuniverses cool, analogous to cracks that form when water freezes into ice).

- 4) Gravity and light are 2 basic parts of the universe. Could Einstein's aim of uniting electromagnetism (light is one form of this) and gravitation be related to electrical engineering's Optical Effect which says that, on silicon chip-and transistor-scales, light can attract and repel itself like electric charges/magnets. Achievement of Einstein's Gravitational-Electromagnetic Equivalence means gravity could, on quantum levels, also attract and repel itself. General Relativity says gravity is the warping of space-time, so space and time could be made to attract and repel at quantum levels (and quantum levels make up all time plus the entire universe). Distances between points billions of light years apart, or between the past and future, might therefore be eliminated. Suppose Einstein was correct in believing gravitation and electromagnetism are related. Then we might be able to say electromagnetism is merely modified gravitation. Suppose he was also correct when he said gravitation plays a role in the constitution of elementary particles (proposed in a 1919 submission to the Prussian Academy of Sciences). Not only would the Higgs field and boson become history; gravity might also play a role in constituting the nuclear strong and weak forces that allows us to say the nuclear forces are modified gravitation, too. Then there would not be 4 fundamental forces, or even the 2 of gravitation and electromagnetism, but only the 1 called gravitation. Would this 1 force introduce a Unified Field Theory and a Theory of Everything? True, there are plenty of unproven possibilities here – but I suspect Einstein will sooner or later leave modern science far behind, and show himself to be perhaps centuries ahead of his time.

5) Could mysterious dark energy actually be familiar gravity? Hidden variables is an interpretation of quantum mechanics which is based on belief that the theory is incomplete (Albert Einstein is the most famous proponent of hidden variables) and it says there is an underlying reality with additional information of the quantum world. I suggest this underlying reality is electronic binary digits of

centuries to come. If gravity is actually repulsive, it would cause universal expansion (accelerating expansion if more gravity is continually produced by quantum mechanical Hidden Variables that are actually binary digits). Simultaneously, dark energy/gravitation causes attraction in the solar system by

a) pushing planets toward the sun (planets' orbital speeds prevent them falling into the sun),

b) pushing objects toward the centre of Earth (where I suggest gravitational waves cancel and, agreeing with conclusions from Isaac Newton's theories, objects weigh nothing) and

c) being diverted to the moon's centre by the formation of the moon's wave packets (subatomic unions of gravitational and electromagnetic waves which account for mass). This diversion lowers gravity's push - which keeps ocean tides low – and permits high tides that follow the moon's orbit. The more mass a body possesses, the more gravitation is diverted to play a part in that body's formation; though the International Space Station weighs around 400 tons, it has tiny mass compared to any planet and produces so-called weightlessness while black holes – ranging from about 3 solar masses for the smallest stellar variety to billions of solar masses for supermassive black holes in galaxy centres – have so much mass and diverted gravity that light pushed into them is unable to escape (black holes appear to have no electromagnetism of their own – their electric and magnetic properties come from the matter they swallow).

6) In today's world, atheism may be reasonable and scientific. But is it correct? Will the world of tomorrow scientifically prove that God exists? In the 17th century, Isaac Newton formulated the inverse-square law. The law says that if stars A and B emit light of equal intensity but star B is twice as distant, it will appear one quarter as bright as star A i.e. not the square of 2 (4) but the inverse square of 2 (1/4 or one divided by four). It also says the gravity between any 2 objects is only one quarter as strong if the distance between the objects doubles. The inverse-square law further states that the force between two particles becomes infinite if the distance of separation between them goes to zero. Zero separation is the case in quantum-entangled space-time and physicist Michio Kaku says in his book "Physics of the Impossible" that modern science thinks the whole universe has been quantum-entangled forever. This means there's room for the infinity known as God. God would be a pantheistic union of the universe's material and mental parts, forming a union with humans in a cosmic unification.
