

NEGATIVE TEMPERATURE & EINSTEIN'S RELATIVITY PRODUCE IMMORTALITY & RESURRECTION

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Abstract

This article may appear highly speculative at first glance. But it's evidence-based since Relativity (vital to the concept of resurrection) has successfully met all challenges during the past century. The immortality and negative temperature parts are based on much more recent science papers, but those papers are based on the thermodynamics which originated in the 19th century - modern labs confirm its ideas and are discovering more applications. I hope readers can appreciate that the evidence pointing to immortality and resurrection does not need to be limited to medicine, but can be interdisciplinary and embrace physics.

Albert Einstein (1879-1955), one of the greatest physicists of all time, said he regretted not making a bigger contribution to medical science. Perhaps the time has arrived when the world will finally understand and appreciate this man more completely ... by realising that his physics will one day have applications in fields like resurrection of the deceased and normalisation of health through the universal gravitational field.

The 2013 physics paper "Negative Absolute Temperature for Motional Degrees of Freedom" (Braun, S. et al.: "Science" journal, Volume 339, Issue 6115, pp. 52–55 [2013]) adds the topic of immortality by speaking of negative temperatures below absolute zero. Traditionally, going below absolute zero has been regarded as impossible since this is the temperature at which all atomic motion ceases. However, the authors of the 2013 paper maintain it's possible because a more rigorous definition of temperature is "a trade-off between energy and entropy (disorder)".

The first sentence in the Abstract of the 2016 paper "Cosmology with negative absolute temperatures" by J.P.P. Vieira, Christian T. Byrnes and Antony Lewis - Journal of Cosmology and Astroparticle Physics, Volume 2016, August 2016 (reference 2) says, "Negative absolute temperatures (NAT) are an exotic thermodynamical consequence of quantum physics which has been known since the 1950's (having been achieved in the lab on a number of occasions)."

Keywords

Scientific Eternal Life; Scientifically Raising the Deceased

Article

Going below the temperature of absolute zero (-273°C or -459°F) addresses the dream of attaining healthy immortality - as well as of resurrecting the dead - through advances in science.

Living things are known to have positive energy - any thermometer will confirm this. Adding energy to positive-temperature systems increases entropy (1), causing illness and eventual death. Could their high degree of order result from living things also being negative-temperature systems that, as implied by a 1919 paper by Einstein, have gravitational and electromagnetic energy constantly added to them? ("Do gravitational fields play an essential role in the structure of elementary particles?" - reference 3)

Adding energy to negative-temperature systems causes them to decrease in entropy (1). Thus, they achieve the innate potential to decrease entropy perpetually, and to be immortal. Einstein's General and Special Relativity inform us that space-time is curved and warped, with time not being simultaneous for different observers. Therefore, time doesn't always follow the accepted straight line from past to future and our deceased ancestors can one day benefit from this potential for decreased entropy being realised ... they'd be resurrected!

Time that doesn't always follow the accepted straight line from past to future can be thought of as an extra dimension. For more than a hundred and ten years, science has accepted the concept of space-time which was formulated by Russian-German mathematician Hermann Minkowski and unites one time dimension with three space dimensions.

So-called imaginary time is a concept derived from special relativity and quantum mechanics. Geometrically, imaginary numbers are found on the vertical axis of the Complex Number Plane, allowing them to be presented perpendicular to the horizontal axis which is called "real". One way of viewing imaginary numbers is to consider a standard number line, positively increasing in magnitude to the right, and negatively increasing in magnitude to the left. At 0 on this x-axis (the so-called 'real' axis), a y-axis (the so-called imaginary axis) can be drawn with "positive" direction going up - "positive" imaginary numbers then increase in magnitude upwards, and "negative" imaginary numbers increase in magnitude downwards.

Professor Itzhak Bars from the University of Southern California has written, "the role of 2T-physics (two-time physics, an extra dimension to the time we know) is to unify various physical phenomena into a more comprehensive and more predictive theory." This sentence can be taken back to the Complex Number Plane if the plane's so-called imaginary time is one day accepted as the real two-time.

And referring to John Cramer's Transactional Interpretation of Quantum Mechanics plus the Wheeler-Feynman absorber theory, the Plane could unify various phenomena in the following way - electromagnetic waves could travel forwards in time along the right-hand direction of its x-axis, and they could travel back in time in the left-hand direction. (In the above theories, travel in different directions of time is seen as a real phenomenon and not merely mathematical.) Albert Einstein's equations say that in a universe possessing only[^] gravitation and electromagnetism, the gravitational fields

carry enough information about electromagnetism to allow the equations of James Clerk Maxwell to be restated in terms of these gravitational fields - so gravitational waves could also travel forwards and backwards in time. The restating of Maxwell's electromagnetism in terms of Einstein's gravitation was discovered in 1925 by the mathematical physicist George Yuri Rainich.

^ Einstein's paper titled "Do gravitational fields play an essential role in the structure of elementary particles?" (3) was written prior to the discovery of the nuclear forces. However, it seems to imply to modern science that the 2 nuclear forces are not fundamental but, like the matter they're associated with, are products of gravitational - electromagnetic interaction (a coupling which produces the mass of W and Z particles - as well as the Higgs particle). This agrees with theories in which the role of the mass-bestowing Higgs field is played by various couplings (see M. Tanabashi; M. Harada; K. Yamawaki. Nagoya 2006: "The Origin of Mass and Strong Coupling Gauge Theories". International Workshop on Strongly Coupled Gauge Theories. pp. 227-241).

When Max Planck originated the idea of quanta to solve the ultraviolet catastrophe, I'm sure that idea (like so-called "imaginary" time) was initially thought of as a mathematical trick. Albert Einstein thought differently about quanta, and developed his Nobel-Prize-winning explanation of the photoelectric effect. So it appears entirely possible that imaginary time and the Complex Number Plane will find practical application in the future, at which point they'll cease being mathematical trickery and analytic continuation. Imaginary time will be a real, large-scale thing: with the word imaginary being only a poorly chosen adjective, and a relic from history.

But what if our deceased ancestors can one day benefit from this potential for decreased entropy being realised? They'd be resurrected to scientifically produced life after death, and so-called death would really be transition to a healthy and happy life. It's even possible, thanks again to Einstein, that any disease doctors call terminal contains the possibility for remarkable management by the patient, both in the sense of lack of symptoms and even partial or complete recovery. How could these possibilities manifest?

GRAVITATION AS PLACEBO AND MEDICINE

Is it a waste of time taking bicarb of soda mixed in a glass of water? Would the bicarb just be neutralised by the stomach acid? It seems that its benefits are not psychological only. While the stomach acid is neutralising the bicarb, the bicarb would also be neutralising the stomach acid and would reduce acidity there (and possibly throughout the body to some extent). An article in the Los Angeles Times reports that the work of a few medical specialists - pharmacologist, gastroenterologist, surgeon - says the sodium bicarbonate makes the drugs, including Nexium, a lot more effective (4).

It also seems possible that any benefits of sodium bicarbonate lie in physics and a

paper published by Albert Einstein just under a century ago. That paper is (3). The world thinks of this paper as a mistake by Einstein, but maybe it wasn't.

The gravity surrounding us is absolutely everywhere, all the time. If the particles composing both the patient and their treatment include gravitational fields, the patient and treatment would always be connected because gravity also fills any intervening space. This is a plausible explanation of the placebo effect in which health benefits occur despite no medicine being administered, and being aware of this constant connection would greatly enhance success of the treatment. Of course, treatment in this case also includes Nexium. Constant gravitational connection to Nexium or any drug would produce dangerous side effects.

In a thousand years, people might have learned how to navigate the gravitational waves connecting them to substances, so that they receive the benefits they need while avoiding side effects they don't want. This is possible because "Physicists now believe that entanglement between particles exists everywhere, all the time, and have recently found shocking evidence that it affects the wider, 'macroscopic' world that we inhabit" (5). "Caslav Brukner, working with Vlatko Vedral and two other Imperial College researchers, has uncovered a radical twist. They have shown that moments of time can become entangled too" (6). If accurate, this last reference would permit today to connect with the 31st century.

Science might prove these ideas to be true oneday. At the moment, it can only detect gravitational waves from extreme events like colliding black holes (7). But it may well be routinely detecting the gravitational waves associated with the body, and with other substances, within a century.

REFERENCES NOT LISTED IN TEXT

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4) "Old-fashioned baking soda found to enhance acid-reflux drugs" by Valerie Reitman (<http://articles.latimes.com/2004/sep/20/health/he-acidreflux-20>)

5) "The Weirdest Link": New Scientist, vol. 181, issue 2440 - 27 March 2004, page 32 - online at <http://www.biophysica.com/QUANTUM.HTM>

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7) "LIGO's Twin Black Holes Might Have Been Born Inside a Single Star" by Harvard-Smithsonian Center for Astrophysics - <https://www.cfa.harvard.edu/news/2016-05>