

Eternal Life and Future Science: A New Path to Fulfilling Religious Promises

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Abstract -

Eternal life is a fascinating subject. The subject seems to have two aspects – life in an immaterial body, and life in a physical body.

The first part of this article begins with Albert Einstein's reaction when his engineer friend Michele Angelo Besso died. The article then calls on Stephen Hawking and imaginary time to support eternal life after death by stating the universe has no end or start (and because, contradicting our limited senses, the future has no actual separation from the present; eternal life after death is logical). Since the past has no actual separation from the present either, an eternal life before conception on Earth is also logical. This means that, after death and before conception, a human could exist as a member of the Elohim: humans from the distant future who have learned how to apply the laws of Quantum Gravity – the anticipated unification of **Quantum** Mechanics and Einstein's theory of **gravity**, General Relativity – in order to affect all space and all time, including our past and present.

The second part presents "A Conceivable Path to Immortality in Your Present Body That Uses Physics, Electronics and Cloning", referring to my article on SSRN with that title (the summary is copied to this article). The final paragraphs speak of the relation between Elohim and God, as well as what Professor Hawking's comments on a complete unified theory affecting all time could mean for present and past comprehension of the cosmos.

Keywords -

Eternal life, Immaterial existence, Physical existence, Life after death, Life before conception, Quantum gravity, Infinite space-time, Physics, Electronics, Universal Artificial Intelligence, Medicine, Cosmology, Elohim, God, Complete unified theory

When his engineer friend Michele Angelo Besso died, Albert Einstein wrote a letter of condolence to the Besso family, including his now famous quote: 'Now he has departed from this strange world a little ahead of me. That means nothing. People like us, who believe in physics, know that the distinction between past, present and future is only a stubbornly persistent illusion.' This suggests the following interpretation of his statement - if someone is alive in what we call the present, they must continue to be alive at any point in the future, all points of which have no actual separation from the present (though that future life would not be in the form we know). So there would be life after death.

Hawking says boundaries and singularities exist in what we call real time but don't exist in "imaginary" time. (Stephen Hawking, 1988, 'A Brief History of Time', page 139. Bantam Press). Einstein postulated that Max Planck's quanta were real physical particles, not just a mathematical fiction. From there, Einstein developed his explanation of the photoelectric effect. So it appears entirely possible that another supposed mathematical trickery (imaginary time) will find practical application in the future. One can think of ordinary, real, time as a horizontal line. On the left, there's the past - and on the right, the future. But there's another kind of time (so-called imaginary) in the vertical direction. Like the surface of the Earth, imaginary time has no boundaries (you can go around the world without falling over any edge) but, also like Earth, it is finite unless π or another infinite number is incorporated into each and every part - numbers could be encoded into parts using the BITS (Binary digiT S, 1's and 0's) of electronics, which would give the universe Artificial Intelligence. When so-called imaginary time also exists, boundaries simply aren't there. And since infinity is introduced into everything, the universe has no end or start (neither in space nor in time).

If the universe is infinite and eternal, it may be plausible to add a sentence to the concept of life after death: If all times in the past have no actual separation from the present, there must also be life before conception (different from our familiar human form, and possibly the same as the life-after-death form). That "superhuman" life is like quantum mechanics and gravitation, and includes all space and all time (it would definitely NOT be religion's "soul" or "spirit", which is limited to an individual body).

Second, what about eternal physical existence? For this, I'll refer to my article "A Conceivable Path to Immortality in Your Present Body That Uses Physics, Electronics and Cloning" (https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3390956). Here's the abstract or summary -

The goal of this paper is to present a plausible path to immortality. The aim is therefore of a medical nature, though the means to that end is decidedly multidisciplinary – using physics, cosmology, geometry, topology and electronics besides medical concepts. Achievement of such an ambitious goal as immortality would appear to require input from many aspects of science. Those other concepts may make it unsuited to a medical journal devoted to clinical practice, but it's publishable in a journal about hypotheses. The article starts by suggesting the entire universe could be composed, at the most fundamental level, of electronics' binary digits. These enter a natural or artificial time-warp in the distant, far advanced future to produce the Mobius strips, figure-8 Klein bottles, adaptive Wick rotation, and "vector-tensor-scalar geometry" that make up the past and present cosmos. Then the article says the basics of mammalian cloning have been understood since Dolly the sheep's birth in 1996. How can an adult mind be "downloaded" into a cloned brain? It's proposed that individual cells and synapses in the original brain can be connected with their counterparts in the cloned brain via space-time warping. Since space-time and brains may be composed of binary digits, all the information in one organ could be successfully downloaded into the other – transferring each brain area's memories, perceptual abilities, creativity, etc. Einstein's General Relativity says gravity is a push caused by the curvature of space-time (gravitation therefore is space-time). This means the space-time warping referred to a couple of sentences ago is gravity. Gravity thus establishes a permanent connection between patients and any form of treatment (including cloning). Such a permanent connection may help explain the placebo effect that occurs when no known treatment is applied. To the relief of many, the article finishes by suggesting gravity – and the "surfing" of gravitational waves – will make the prospect of human cloning completely unnecessary. This is because the final section, CREATION OF THE COSMOS USING BITS, PI AND IMAGINARY TIME, shows that the human mind generated by the brain has an essential role in creating the universe (**see ^ below**) and, therefore, in our interactions with physical reality – leading to the repairing of every minor (even microscopic) defect in the body and brain as it occurs. Space-time (gravity) connections allowing downloading of minds will one day be extended to everyone who ever lived by means of the previously mentioned time-warps, resulting in resurrection of loved ones to eternal life and health.

^ In a science TV program [Australian Broadcasting Corporation, 'Custom Universe – Finetuned For Us?', <https://www.abc.net.au/catalyst/stories/3836881.htm> (2013)], Dr. Graham Phillips reported,

‘the physicist and writer Paul Davies thinks the universe is indeed finetuned for minds like ours. And who finetuned it? Not God but minds from the future, perhaps even our distant descendants, that have reached back through time ... and selected the very laws of physics that allow for the existence of minds in the first place. Sounds bizarre, but quantum physics actually allows that kind of thing.’

And Carl Sagan writes [Carl Sagan, *‘Pale Blue Dot – A Vision of the Human Future in Space’* (Headline Book Publishing, 1995)],

‘Many religions, from Hinduism to Gnostic Christianity to Mormon doctrine, teach that – as impious as it may sound – it is the goal of humans to become gods.’

Author comment: maybe the term God should be redefined to mean ‘our distant descendants, that have reached back through time ...’ Their population of billions would know how to apply the laws of Quantum Gravity – the anticipated unification of **Quantum** Mechanics and Einstein’s theory of **gravity**, General Relativity - to become omnipresent in space-time as well as other dimensions, and to become omnipotent and omniscient. They could then constitute the Elohim - a name used for God in the Old Testament which, according to World Book Encyclopedia, means the PLURAL MAJESTY OF THE ONE GOD.) [‘Elohim’, *The World Book Encyclopedia* (Field Enterprises Educational Corporation, 1967)]

It seems possible that, after death and before conception, a human exists as a member of the Elohim: humans from the distant future who have learned how to affect all space and all time, including our past and present. Since anything and everything is possible for such a being, we could either exist eternally in that condition or choose to be born on Earth and have a human life. The latter would give us new perspective and experiences. It would also allow us to directly contribute to the eventual rise of Elohim civilization: perhaps by adding something to some field of knowledge or technology (this might oneday lead to the ability to choose eternal life as a human); perhaps by ensuring that the human race continues into new generations; perhaps by sharing with, and otherwise helping, whomever we can.

The Elohim use Quantum Gravity and the Theory of Everything to become entangled with all space-time. Therefore, their power has no limits and it must be possible for them to concentrate those abilities in, and to occupy, one individual body (a part of the space-time they're entangled with). That individual (and since the entire universe, the present, all the past, and all the future are united; every individual) has the potential to be omnipresent, omnipotent, and omniscient. One day, you and I will fulfil our potential to exist everywhere and everywhen (this could be termed immortality). We'll also someday be all-powerful and all-knowing. Regarding a more limited and present-day application of the latter, I think something written by Stephen Hawking points the way to amateurs making useful contributions to theoretical physics and mathematics. Let me explain:

Hawking wrote,

“If a complete unified theory was discovered, it would only be a matter of time before it was digested and simplified and taught in schools, at least in outline. We should then all be able to have some understanding of the laws that govern the universe and are responsible for our existence.” [Stephen Hawking, *A Brief History of Time* (Bantam Press, 1988)]

My comment: A complete unified theory would not be restricted to mathematics, for that would make the theory incomplete. A complete theory would, by definition, affect everything in space-time. Affecting everything in time means future generations (and even what you and I would call past or present generations) would be able to learn how to intuitively access the knowledge of future centuries. Unification necessarily means today's scientific approach of viewing objects and events as separate will become limited to the way senses perceive objects and events. Separateness will belong to 'classical' existence, and unification to 'quantum mechanical' existence where **all energy and matter, objects and events in space-time are entangled.**
