

Is 'Paranormal' a Valid Concept?

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In recent decades, serious, long term, extensive research, in fields such as reincarnation and near death experience, which has implications in related areas such as ghostly phenomena, might imply that the paranormal can claim some validity. This paper sets out some significant evidence in this respect and looks to physics contained in my recent papers and other studies for any justification of the possibility. The question this raises is whether the term 'paranormal' is appropriate in these cases, or whether perhaps like quantum mechanics, relativity and string theory the expression 'not yet fully explained' is more appropriate. By definition, 'paranormal' is that which is unexplainable by the laws of nature. This paper suggests that a variation of Newton's laws of motion could take twentieth century physics and some 'paranormal' phenomena even out of the category 'difficult to explain'. Death is a natural phenomenon; birth is a natural phenomenon. Scientific evidence strong enough to suggest a link needs to be investigated via further science, rather than by categorising the subject via the unhelpful term, 'paranormal', the relevance of which is discussed, or worse still, by allowing religious belief to influence such categorisation. Evidence is presented to suggest that in some cases, what has been termed 'paranormal' might be explained by simple physical processes at the smallest level.

Key words: Paranormal, Reincarnation, DNA, Information, Newton, Quantum states, Plasma, Consciousness

Introduction

The term 'paranormal' is defined in the free online dictionary as follows: "Beyond the range of normal experience or scientific explanation; not in accordance with scientific laws". 'Normal' is defined as "in accordance with scientific laws". Thus, if some phenomena can be explained by scientific evidence, which also indicates that the laws of science are incomplete, then such phenomena should no longer be classified as 'paranormal'.

Evidence is now presented to suggest that both conditions may now be fulfilled in respect of reincarnation and related phenomena.

N.B. Informative material not intended as part of this evidence is confined to appendices.

In order to examine this difficult subject objectively, it is essential to set aside any prejudice or preconception that either religious or anti-religious ideas might engender. This should go without saying in science, but experience tells me that this may not be as easy as it sounds. Many scientists may have religious beliefs as I do, but science that I have discovered suggests that many religions, including my own, are likely to include both truth and human error (see Chapter 17 of my autobiography [1]), so I would urge consideration of this evidence if beliefs may inhibit a purely objective assessment of the scientific evidence provided.

My own scientific education caused me to have serious doubts about the possibility or even logic of reincarnation, until a few seemingly impressive cases reminded me of early childhood 'memories' (false or otherwise), which then seemed to take on possible credibility via only anecdotal evidence initially.

The start of analysis of my own possible past life experiences was in the writing of my autobiography [1], which started early in 2004. In Chapter 2 (A Kid With a Purpose) I mention one possible past life experience, but concluded:

"The most likely explanation is that one of the films we were shown during RE lessons at Junior school instilled a false memory. It may sound unscientific to some, but my view is that all possibilities should be considered, that is the true philosophy of science."

The last sentence sets the tone for what I hope will be a similar open-minded approach, and is now made possible by new scientific evidence. It was, however, purely anecdotal evidence that led me to the scientific evidence. On learning of remarkable similarities between my explanations and those of the ancient Greek thinkers Democritus and Epicurus (see Appendix 1), I was reminded of another possible childhood memory that I had thought was not as significant as that mentioned in my autobiography. It was, however, reading more of Epicurus [2] that made it possibly more significant in terms of the possibility of reincarnation.

It is suggested that the reader may find the physics contained in this paper easier to follow via my paper of this year, *The True Meaning of Einstein's Relativity* [3]. This argues that curvature of motion with spin (mass) is more logical than curvature of space, an idea similar to that of Epicurus in saying that particles in empty space may 'swerve' without cause. This, of course, has implications for the laws of Newton. It also leads to a simple explanation for the encoding of huge amounts of information at the smallest level.

Evidence of Reincarnation

For most of my life I had seriously doubted the possibility of reincarnation. A small number of surprisingly impressive cases, if true, presented in the mainstream media over the last 15-20 years, had alerted me to the possibility that I may be wrong.

The problem with individual stories, however, is that there is always some doubt as to authenticity. The probability of their credibility, however, may be increased by a growing number of individual cases; though careful, analytical study of many cases is the only way to demonstrate this scientifically. The value of individual accounts that seem impressive if true is that this warrants further investigation. For me, the account that made me look for scientific evidence was the story of 11 year old James Liebermann, seen by me on video [4] in September 2011.

The parents of James noticed his preoccupation with fighter planes attacking ships in drawings he produced as a young child. The drawings seemed to represent World War Two, and on questioning the child, they were amazed at his answer that this was when he died when his plane was shot down by the Japanese. He had surprised his parents in explaining his repetitive dream of 'the little man trying to kick open the cockpit cover', in saying that the 'little man' was himself. More astonishing was that he was able to name the ship he was on, and on later meeting surviving veterans from the right time, could give their names correctly also. He also produced names, nicknames and details of his previous family, which surviving family members have confirmed to be correct and relating in part to such intimate details that only the real James Huston could have known.

Could this story be true, or just fabrication to sell a book? The interviews of veterans and past family members included in the Fox News report, seem reasonable evidence of probable truth, but can we be sure enough to count this as reliable evidence? I know that my own case is genuine, but could I be right about false memory being instilled by subsequent experience? What is needed is a scientific evaluation of many such cases.

Fortunately, that is exactly what my research has turned up. The website, reluctant-messenger.com [5] tells us this:

"Since the late Sixties Dr. Ian Stevenson, Carlson Professor of Psychiatry and Director of the Division of Personality Studies at the University of Virginia, has documented cases in India, Africa, the Near and Far East, Britain, the United States, and elsewhere in which young children have astonished their parents with precise details about the people they claim to have been. Some of these children have recognized former homes and neighborhoods as well as still-living friends and relatives. They have recalled events in their purported previous lives, including their often violent deaths. Sometimes their birthmarks re-

semble scars that correspond to wounds that led, they claim, to their deaths."

Dr. Stevenson has examined over 3000 cases. We are told that the late Herbert S. Ripley, former chairman of the psychiatry department at the University of Washington in Seattle, noted, "We are lucky to have someone of his ability and high integrity investigating this controversial area." Dr. Harold Lief in the *Journal of Nervous and Mental Diseases* had written: "Either he is making a colossal mistake, or he will be known as the Galileo of the twentieth century." The latter can be understood by reading below.

This is without doubt excellent and very thorough work by a good and respected scientist. Thus we can use it to gauge the likely validity of cases such as James Liebermann or Huston (the pilot who died) and other cases such as my own.

We can note in particular from Stevenson's case studies that in more than seven hundred cases in six different cultures, sixty-one percent remembered having died violently. Reasons are given why this figure may not be particularly accurate, but it gives reason to compare with the James Liebermann case and ascribe to that a higher probability of possible truth.

Stevenson tells us that some southern European Christians believed in reincarnation until the Council of Nicea banned such beliefs in 553 A.D.. It is not appropriate to promote any particular religious belief in a scientific paper, but historical issues relating to possible prejudice about ideas are (see Appendix 2). Thus we can ponder the possibility of the introduction of human error regarding this subject, which may have influenced its categorisation as 'paranormal'.

Whether or not prejudice against the possibility of reincarnation stems from such historical religious interpretation, or even engrained attitudes in science that indicate reluctance to consider 'spiritual' matters in general, it is hoped that the evidence presented here will help in an entirely objective analysis of the possibility.

Relevant Physics

Having established a reasonable case in favour of the possibility of reincarnation, we have to ask whether it might be scientifically explainable.

In my paper of 2011 [6] I provided evidence in support of the prediction of my theory that massive amounts of information could be encoded in light and other 'waves'.

I reported that in 2007 I found very dramatic confirmation of this in learning of the work of Dr. Peter Gariaev and his team with laser light and DNA [7]. Frog DNA was apparently changed to salamander DNA simply by passing low energy laser light from the latter and on to the former. Also demonstrated was the 'phantom DNA' effect [8], which appears to be related to the 'twisted light' effect explained in [3], further adding weight to my

explanation of why spiral motion is 'natural' as provided in my paper on mass of 2007 [9].

See also New Scientist 15 January 2011, p8. Nobel prizewinner Luc Montagnier has also provided evidence of the 'teleportation' of DNA. Scepticism is expressed in the article [10], particularly because Montagnier claims water acquires an imprint of the DNA structure. But it has to be remembered that huge financial interests are threatened by scientific evidence in favour of homeopathy. The truth is that there is now massive evidence from scientists and researchers around the world confirming the structure and memory of water. See 'Water' in the website provided at [11] for a summary of this work by the following list of scientists and researchers:

Prof. Rustum Roy	University of Pennsylvania
Dr. Kurt Wutherich	Nobel Prize winner
Prof. Martin Chapman	South Bank University, UK
Dr. Alexander Solodilov	Russian Academy of Natural Science
Prof. Vladimir Voeikov	Moscow State University
Dr. Masaro Emoto	Researcher, Japan
Allois Gruber Researcher,	Austria
Leonid Izvekov	Water Structure Research, Russia
Prof. Victor Inyushin	Kazakhstan University
Dr. Perl Laperla	Medical doctor, USA
Ogun Bolson	Doctor, Tibet
Vlail Kaznacheev	Medical Academy, Novosibirsk
Prof. Vyacheslav Zvonnikov,	Medical doctor
Prof. Konstantin Korothov,	Russian Academy of Sciences
Prof. Effe Chow,	Executive Council on Alternative Medicine
Prof. Gerbert Klima,	Institute of Nuclear Physics, Vienna
Dr. Wang Guikua,	Academy of Agronomical Science, China

In addition, I published an article in BMJ online [12], which included the following highly significant experimental confirmation (the quote is from a Physorg article by Kelen Tuttle [13]):

“Recent work at the SLAC National Accelerator Laboratory and several universities in Sweden and Japan, however, is shedding new light on water's molecular idiosyncrasies and offering insight into its strange bulk properties.

Recently, Nilsson and colleagues directed powerful X-rays, generated by the Stanford Synchrotron Radiation Lightsource at SLAC and the SPring-8 synchrotron facility in Japan, at samples of liquid water. These experiments suggested that the textbook model of water at ambient conditions is incorrect and that, unexpectedly, two distinct structures, either very disordered or very tetrahedral, exist no matter what the temperature.

In a paper scheduled for publication in the *Proceedings of the National Academy of Sciences*, the researchers reveal the additional discovery that the two types of structure are spatially separated, with the tetrahedral structures existing in "clumps" made of up to about 100 molecules surrounded by disordered regions; the liquid is a fluctuating mix of the two structures at temperatures ranging from ambient to all the way up near the boiling point. As the temperature of water increases, fewer and fewer of these clumps exist; but they are always there, in clumps of a similar size. The researchers also discovered that the disordered regions themselves become more disordered as temperatures rise.

“One can visualize this as a crowded dance restaurant, with some people sitting at large tables, taking up quite a bit of room - like the tetrahedral component in water - and other people on the dance floor, standing close together and moving slower or faster depending on the mood or 'temperature' of the restaurant; like the molecules in the disordered regions can be excited by heat, the dancers can be excited and move faster with the music," Nilsson said. "There's an exchange when people sitting decide to get up to dance and other dancers sit down to rest. When the dance floor really gets busy, tables can also be moved out of the way to allow for more dancers, and when things cool back off, more tables can be brought in.”

It should be noted that the above quote of Nilsson is very close to that previously offered by the Prof. Martin Chapman in the above list, as provided in the summary on my website [11]. I offer further opinion as to the mechanism involved in that summary, noting the work of Gariaev and also work demonstrating the exchange of information in plasma as set out below.

Note also that Dr. Tszyan Kanchzhen of China has demonstrated that chicken's eggs can be modified by waves encoded with duck DNA [14].

Of 500 eggs so treated:

- 480 hatched
- 80% had flat, duck shaped heads
- 90% had a shift in the position of the eye
- 25% had some webbing between the toes

Bearing in mind the work of both Gariaev and Montagnier, I fully expect others to produce further evidence of these effects.

From my summary of work done on water [11] note:

“We have carried out many experiments on the effect that quite diverse factors have on water: magnetic fields, electrical fields, various objects

including human presence, including emotions. It became clear that positive and negative human emotions are the strongest element of influence.” Professor Konstantin Korothov.

The work of many of those in the long list of people from my summary can be seen to provide verifying evidence for such statement. Thus not only can DNA be encoded and passed on, but human emotions also.

A clue to how the latter is possible lies in the Russian work with DNA. Dr. Peter Gariaev (or Pjotr Garjajev) was the leader of a group of Russian scientists of the Russian Academy of Sciences, formed to study the complete human genome in 1990. The research team included biophysicists, molecular biologists, embryologists and even linguistic experts. Their research revealed that the supposed junk DNA that has been completely neglected and forgotten by western mainstream science, was no redundant leftover of evolution at all. Linguistic studies revealed that the sequencing follows the rules of some basic syntax. It showed that the codons actually form words and sentences just like our ordinary human language follows grammar rules.

Thus the possibility of ideas and emotions being encoded and passed on might be explained by the encoding of DNA in light and other ‘waves’ that is suggested by the work of Gariaev, Montagnier and Kanchzhen above.

This is a good starting point to indicate that physics may well be able to explain reincarnation. I can add to that by explaining the exact means by which information can be encoded. I realised this explanation quite soon after my renewed interest in physics following the revelations starting on October 3rd 2003. Thus on reading in the Xmas 2003 edition of New Scientist that blobs of plasma gas had been observed to, ‘communicate, replicate and grow’ [15], I was able to say straight away that this was possible via the exchange of encoded helices of tiny particles.

I had realised that if my spinning and orbiting particles should touch they would bounce off because spin was in the same direction in any ‘string’ or ‘loop’ of them. Thus energy of spin would be exchanged, giving the ‘string’ many frequencies of vibration, which I was soon to discover was exactly what the maths of string theory predicted. So here was a means of encoding information at the smallest level.

Evidence in support of my prediction of Xmas 2003 was provided three and a half years later, and mentioned in my paper of 2011 [6] as repeated below:

To demonstrate that four physicists from four academic institutions in three countries agree exactly with my prediction made three and a half years earlier, I include the following abstract and list of authors from a paper of August 2007: “**From plasma crystals and helical structures towards inorganic living matter**” [16] (note in particular my red highlighting):

“Complex plasmas may naturally self-organize themselves into stable **interacting helical structures that exhibit features normally attributed to organic living matter**. The self-organization is based on non-trivial physical mechanisms of plasma interactions involving over-screening of plasma polarization. As a result, **each helical string composed of solid microparticles** is topologically and dynamically controlled by plasma fluxes leading to particle charging and over-screening, the latter **providing attraction even among helical strings of the same charge sign**. These interacting complex structures exhibit thermodynamic and evolutionary features thought to be peculiar only to living matter such as bifurcations that serve as ‘memory marks’, self-duplication, metabolic rates in a thermodynamically open system, and non-Hamiltonian dynamics. We examine the salient features of this new complex ‘state of soft matter’ in light of the autonomy, evolution, progeny and autopoiesis principles used to define life. It is concluded that complex self-organized plasma structures exhibit all the necessary properties to qualify them as candidates for inorganic living matter that may exist in space provided certain conditions allow them to evolve naturally.”

“From plasma crystals and helical structures towards inorganic living matter”

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Thus I have confidence from both the above and the tie-in to string theory, that my means of explaining this encoding of information is likely to be correct. But, of course, the above also demonstrates the encoding and transmission of ‘life’ information.

This also indicates that the laws of Newton are incomplete, in that curvature of motion with spin provides explanation for the many frequencies of vibration of string theory, and as mentioned in my paper of 2011 [6], an explanation for the very nature of quantum mechanics, and leads to 20 predictions for which evidence was provided in that paper (21 predictions now if superluminal neutrinos are confirmed). My paper of this year, *The True Meaning of Einstein’s Relativity* [3], demonstrated the logic and evidence in favour of curvature of motion with spin (mass) as

opposed to curvature of space. Many aspects of particle physics were shown to accord with this interpretation.

On the question of water storing such information, I have recently been made aware an experiment indicating that a person's individuality or personality can be passed on to water. Several people each placed 5 drops of water in line, that were then fast frozen so that the resultant crystalline structure could be microscopically examined. Uniformity of structure was observed in the line produced by each person, but each person's line could be characterized as different to others. (Reference not yet found- source was a video)

World leader in bio-electrography research, Dr. Konstantin Korotkov (see list above re. work on water) has explained the technology by which auras can be seen better than ever before, demonstrating things such as plants responding to our emotions [17].

From all this work the clear possibility arises that not just the encoding of how we are made is achievable, but also ideas, emotions and what sets us apart as individuals.

If emotions are the most powerful means of transmitting information to water, as experiments suggest, then it is not surprising that intense emotions are a strong factor identified by Stevenson in his thorough study of evidence suggesting reincarnation.

Other Relevant Studies

A considerable amount of research has been done recently on the subject of consciousness in the universe, most notably as contained in the April/May 2011 edition of the Journal of Cosmology [18] edited by Sir Roger Penrose, FRS, University of Oxford & Stuart Hameroff M.D., University of Arizona .

The questions are asked:

"Is consciousness an epiphenomenal happenstance of this particular universe? Or does the very concept of a universe depend upon its presence? Does consciousness merely perceive reality, or does reality depend upon it? Did consciousness simply emerge as an effect of evolution? Or was it, in some sense, always "out there" in the world? These questions and more, will be answered in this special edition."

The volume of evidence presented to suggest that consciousness extends beyond biological entities to the universe in general is considerable, and well beyond the scope of this paper to analyze. Of particular relevance, however, are papers relating to DNA and quantum states, and near death experiences.

In respect of the former, a paper by B. Gohler et al [19] is usefully explained in a Science Daily article [20] as follows:

"They then exposed the DNA to mixed groups of electrons with both directions of spin. Indeed, the team's results surpassed expectations: The biological molecules reacted strongly with the electrons carrying one of those spins, and hardly at all with the others. The longer the molecule, the more efficient it was at choosing electrons with the desired spin, while single strands and damaged bits of DNA did not exhibit this property. These findings imply that the ability to pick and choose electrons with a particular spin stems from the chiral nature of the DNA molecule, which somehow "sets the preference" for the spin of electrons moving through it."

This can be explained by the relationship between light and DNA mentioned above regarding the encoding of light in light and other waves on the basis of my theory of rings and spirals of tiny particles. Note in particular the helical linking of two quantum states of electrons in my explanation of exclusion principle in Figure 1:

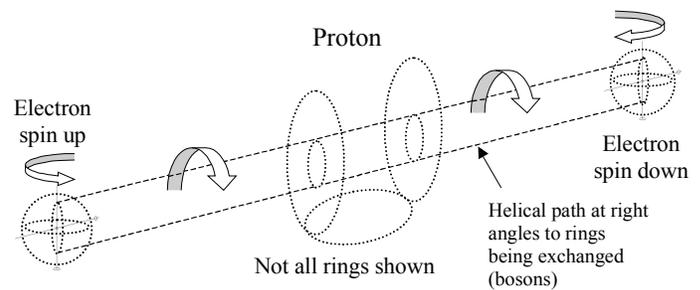


Figure 1
Explanation of exclusion principle

The rings that become spirals need to rotate with the same handedness (as viewed from behind the direction of motion) to explain a pulling force as opposed to repulsion. Thus the spins within the electrons need to be in opposite directions because the spiral path through the proton is clockwise to the left electron and anti-clockwise to the right. Thus it can be seen that helical patterns can determine whether electrons are spin up or spin down in my model of particle structure.

See my paper of this year, *The True Meaning of Einstein's Relativity* [3] for the full context and to note the degree to which much of particle physics is explainable via my model.

On the question of near death experiences, the work of Dr. Bruce Greyson of the University of Virginia is particularly helpful regarding the question of reincarnation.

In a paper of 2011 [21], Dr. Greyson tells us:

“Sabom (1982) carried out a study specifically to examine whether claims of out-of-body perceptions could be attributed to retrospective reconstruction. He interviewed patients who reported NDEs in which they seemed to be watching what was going on around their body, most of them cardiac patients who were undergoing cardiopulmonary resuscitation (CPR) at the time of their NDE. He also interviewed "seasoned cardiac patients" who had not had an NDE during their cardiac-related crises, and asked them to describe a cardiac resuscitation procedure as if they were watching from a third-person perspective. He found that 80% of the comparison patients made at least one major error in their descriptions, whereas none of the NDE patients made any (pp. 87–115). Sartori (2008) recently replicated Sabom’s findings in a five-year study of hospitalized intensive care patients, in which patients who reported leaving their bodies during cardiac arrests described their resuscitations accurately, whereas every cardiac arrest survivor who had not reported leaving the body described incorrect equipment and procedures when asked to describe their resuscitation.”

“In one recent case, a 9-year-old boy with meningitis, upon awakening from a 36-hour coma, told his parents he had been with his deceased grandfather, aunt, and uncle, and also with his 19-year-old sister who was, as far as his family knew, alive and well at college 500 miles away. Later that day, his parents received news from the college that their daughter had died in an automobile accident early that morning (Greyson, 2010b). Because in these cases the experiencers had no knowledge of the death of recently deceased person, the vision cannot plausibly be attributed to the experiencer’s expectations.”

“Van Lommel (2004, p. 122) reported the case of a man who had an NDE during cardiac arrest in which he saw his deceased grandmother and an unknown man. Later shown a picture of his biological father, whom he had never known and who had died years ago, he immediately recognized him as the man he had seen in his NDE.”

In his conclusions Dr. Greyson states:

“The development of post-classical physics over the past century offers empirical support for a new scientific conceptualization of the interface between mind and brain compatible with a cosmology in which consciousness is a fundamental element.”

Further Implications

This encoding and transmission of information, relevant to the question of reincarnation, which now must be considered as both possible and scientifically explainable, is then clearly also relevant to other subjects previously classified as ‘paranormal’, especially ghostly phenomena, a subject which is clearly related to reincarnation. It has long been suggested that rocks and buildings can record events in which strong emotions were present, that then emit subtle ‘waves’ that are not seen by the eye but received by the brain in a way that makes the ‘images’ appear to be visual. The above evidence provides some reasons in support of this hypothesis. And, of course, the same applies to telepathy, because if plants can receive information, obviously more subtle than sound waves, then more advanced biological entities almost certainly can in a more profound way. It is well known that dogs appear to be able to anticipate the return of their masters. That, and human telepathy, also need no longer be considered to be beyond the understanding of science.

Conclusion

There appears to be a strong possibility that information encoding and transmission at the quantum level might explain phenomena that have tended to be classified as ‘paranormal’, which really means only that it appears to be beyond the extent of scientific evaluation. Science moves on, however, changing the boundaries. Recent science is enabling more to be understood which just a few decades ago seemed beyond its reach. Truth has to be the goal that is never compromised by ignoring evidence through prejudice, expediency, or religious beliefs that may be subject to human error.

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References

- [1] Robert F. Beck, “A Nutcase in the Universe” *Einstein’s Revolution* (2010) Electronic copy:
<http://www.einsteins-revolution.com/autobiography.html>
- [2] <http://en.wikipedia.org/wiki/Epicurus>
- [3] Robert F. Beck, “The True Meaning of Einstein’s Relativity” *General Science Journal* (Feb. 27, 2012)
<http://gsjournal.net/Science-Journals/Essays/View/4032>
- [4] <http://www.youtube.com/watch?v=OWCUjx4nI98>

- [5] <http://reluctant-messenger.com/reincarnation-proof.htm>
- [6] Robert F. Beck, "Verifying Evidence for the Predictions of the Special Theory of Reality" *Proceedings of the NPA* 8 : 39 - 44 (2011).
<http://www.einsteins-revolution.com/Papers/NPAthirdpaper2011.pdf>
http://www.worldsci.org/pdf/abstracts/abstracts_6156.pdf
- [7] Peter Gariaev, DNA encoding in laser light Garjajev P. P. Der wellengenetische Code. 1997, ISBN 5-7816-0022-1 (in Russian.) See "Quantum Phenomena in Biology" for English summary:
http://twm.co.nz/quant_biology.htm#DNA
- [8] Vladimir Poponin, "The DNA Phantom Effect", (2002).
<http://twm.co.nz/DNAPhantom.htm>
- [9] Robert F. Beck, "A Heuristic Paper on the Nature of Mass", *Proceedings of the NPA* 4 (1): 2-15 (2007).
<http://www.einsteins-revolution.com/Papers/NPA%20UConn-Storrs%20Paper%20-%20Mass.pdf>
- [10] Andy Coghlan, "Scorn over claim of teleported DNA", *New Scientist* (12 Jan. 2011 p.8-9)
<http://www.newscientist.com/article/mg20927952.900-scorn-over-claim-of-teleported-dna.html>
- [11] <http://www.einsteins-revolution.com/water.html>
- [12] Robert F. Beck, "New science and cost effective medicine", *The British Medical Journal Online* (2010).
<http://www.bmj.com/content/340/bmj.c1251/reply#233123>
- [13] Kelen Tuttle, "Researchers reveal the internal dance of water",
<http://www.physorg.com/news169314724.html> (Aug 12, 2009).
- [14] <http://www.rexresearch.com/kanchzhen/kanchzhen.htm>
Сергей Демкин "Чудеса и приключения", "ТМ" N4, 1996
- [15] New Scientist staff "Best bits of 2003", *New Scientist*, p. 23 (Xmas 2003).
- [16] V. N. Tsytovich et al, *New Journal of Physics* 9: 263 (Aug 2007) doi: [10.1088/1367-2630/9/8/263](https://doi.org/10.1088/1367-2630/9/8/263), <http://science.howstuffworks.com/framed.htm?parent=weird-life.htm&url=http://www.iop.org/EJ/abstract/1367-2630/9/8/263>.
- [17] Paula Peterson, "Viewing the Inner Life of Plants" An interview with Dr. Konstantin Korotkov (date not provided)
<http://www.spiritofmaat.com/archive/aug3/korotkov.htm>
- [18] Sir Roger Penrose FRS & S. Hameroff MD, "Consciousness in the Universe: Neuroscience, Quantum Space-Time Geometry & Orch OR Theory" *Journal of Cosmology*, Vol 14. In press (2011)
<http://journalofcosmology.com/Contents14.html>
- [19] B. Gohler, V. Hamelbeck, T. Z. Markus, M. Kettner, G. F. Hanne. Z. Vager, R. Naaman, H. Zacharias, "Spin Selectivity in Electron Transmission Through Self-Assembled Monolayers of Double-Stranded DNA", *Science*, (2011); 331 (6019): 894 DOI: 10.1126/science.1199339
<http://www.sciencemag.org/content/331/6019/894>
- [20] Science Daily staff "DNA can discern between two quantum states" Science Daily, March 31,2011
<http://www.sciencedaily.com/releases/2011/03/110331104014.htm>
- [21] Bruce Greyson, "Cosmological Implications of Near Death Experiences", *Journal of Cosmology*, Vol. 14 (2011)
<http://journalofcosmology.com/Contents14.html>
- [22] Martin Israel, M. B., "Summons to Life The Search for Identity through the Spiritual", A. R. Mowbray and Co Ltd. (1977) ISBN 0 264 66429 9

Figures: Figure 1 Explanation of exclusion principle

Appendices: Appendix 1: Ideas of the author and Epicurus compared

Appendix 2: Evidence of possible historical misconception

Appendix 1: Ideas of the author and Epicurus compared

On reading the source at [2] the reader can note the following via my autobiography [1] and my papers, most easily in the latter case from my paper of this year, *The True Meaning of Einstein's Relativity* [3]:

Epicurus said that particles moving in empty space can involuntarily 'swerve', with no cause. I say spinning particles can follow a curved path in empty space with no force acting.

Note what is said about the garden, where Epicurus preferred to do his thinking and teaching. My autobiography mentions my preference for being in the garden from a very early age.

Not mentioned in my autobiography is that I had a childhood memory of being in ancient Greece and knowing huge joy at some sort of significant conclusion. Note the joy that Epicurus expresses in understanding; the joy being so great that the pain of kidney stones could not dull it. I recently had bad kidney pain, and felt that I would not wish to trade the understanding that God had given me to have that pain taken away.

Epicurus liked self sufficiency; so have I. He was content with little; so have I been.

Epicurus was concerned about anxiety arising from the fear of death; I suffered from anxiety and panic attacks as a result of fear of death.

Both of us have examined questions of enjoyment via the senses, the role of suffering, and life after death issues in our writings, though Epicurus chose to rule out life after death to overcome the fear of it, whereas realization of life after death overcame my fear of it.

So it seems that Epicurus may have been wrong to deny the possibility of life after death. Is that why I could not understand why I felt compelled to compulsively repeat, "I am me" as a child? Was this Epicurus expressing surprise at his reincarnation?

I attributed my tendency to compulsively repeat certain words and phrases (as Einstein did apparently) to the possibility that I have suffered from a mild form of Asperger's syndrome, but it is now necessary to evaluate whether the first instance of this that I had realised might be explained by reincarnation.

Appendix 2: Evidence of historical misconception

The possibility of human error causing misconception that has resulted in prejudice against the possibility of reincarnation in western culture is suggested by the following quotes, which seem to indicate that Jesus said that John the Baptist was Eli'jah:

"For all the prophets and the law prophesied until John; and if you are willing to accept it, he is Eli'jah who is to come."
(Matthew 11:13-14) RSV

"And the disciples asked him, 'Then why do the scribes say that first Eli'jah must come?' He replied, 'Eli'jah does come, and he is to restore all things; but I tell you that Eli'jah has already come, and they did not know him, but did to him whatever they pleased. So also the Son of Man will suffer at their hands.' Then the disciples understood that he was speaking to them of John the Baptist." (Matthew 17:10-13) RSV

Note reference in the Old Testament to this:

"Behold, I will send you Eli'jah the prophet, before the great and terrible day of the Lord comes." (Malachi 4:5) RSV

So the reason for prejudice about reincarnation in western, Christian culture seems to stem from the Council of Nicea ignoring Christ's own words and St. Matthew's understanding of what He said.

N. B. What this emphasizes is the need to exclude religious ideas from the scientific debate, because of the implication of such possible human error.