

A NEW EARTH

AND A

NEW UNIVERSE

Rodney Bartlett

Brief biography

G'day from the Land Down Under! To be exact: from a town called Stanthorpe, which is in the southern part of the state Queensland, in Australia. I'm a guy who was born in this town in 1956. At age 15, I left High School to become an apprentice printer at the local newspaper. In the 1990s, I had a regular column in a desktop-published magazine called "Inspire". This gave me an opportunity to express the ideas I've also presented here and filled me with great satisfaction. I decided to quit Inspire in 2000, for personal reasons. Of course, many of the thoughts in this book have received further development since my Inspire days - most are even totally new. With Inspire, these writings of mine were offline. In 1999, they went online when my computer-whiz brother Darryl set up a website for me (I called it "Rod's Room"). This book is also dedicated to the other immediate members of my family - Dad, Mum, and sister Allison; my extended family; and everyone I've ever met, for giving me good memories and learning experiences. After 3 years, I changed my Internet Service Provider in an attempt to escape the spammers. That turned out to be Mission Impossible ... and I managed to lose my website in the process (the old ISP deleted it). I've been writing this book since the 1970s and it's a total obsession with me. At first my ideas were few and far between but they developed into short articles within a few years and a little paperback in 2006 (at the time I figured getting a POD - Print On Demand - publisher to print my ideas was the only way I'd ever get published). In the last 3 years, my ideas have taken off like wildfire and

my simple goal is to share them.

Outline

Imagination is more important than knowledge...

Albert Einstein

German physicist (1879-1955)

In this quote, Einstein isn't speaking of fantasy, but of applying scientific knowledge in an imaginative way (maybe it would be better to say "imagination is just as important as knowledge"). Anyway, the following might be dismissed as too speculative because it isn't written in mathematical equations and its conclusions can't be verified in a laboratory. But if you think imagination applied to science can teach us new things, read on ... and enjoy!

These writings mention universal unification that is far more comprehensive than today's scientific and mathematical attempts to find a "Grand Unified Theory". A few lines from the poem about Kal-el/Clark Kent/Superman make it clearer by what I mean when I say "more comprehensive" -

"Kal-el left for the rainbow's end in the 44th century,

Where he met a young woman named Kari.

Science had combined all forces but gravity in the Grand Unified Theory,
Then added gravity to the previous 3* to form the Unified Field Theory.
Clark's idea of energy pulses transformed into the idea of zero separation
Between objects in space-time (the revolutionary UFT 2nd version).
So he and Kari (and the rest of the world) are each other, in fact;
Just as UFTv2 unites the Relativist and Quantum Mechanic."

* electromagnetism (the relations between electricity and magnetism) + the strong and
weak nuclear forces of the subatomic world

They also mention a possible way out of the global financial crisis, health and
medicine/surgery, Mobius loops, dark matter, superstring theory, fractal geometry,
motion, light and electromagnetism, quantum mechanics, other universes, the Big Bang
and Steady State theories, dark energy, evolution, Darwin, Einstein, Newton, magic, time
travel, ghosts, Frankenstein, Doctor Who, Star Trek, computer science, holographic
technology, God, Intelligent Design, Hinduism, a couple of possible ways to attain world
peace, include poetry and a short story, etc ... the book's wide-ranging because it uses
scientifically-applied imagination to unify these concepts.

It seems to me that every generation throughout history has decided the world cannot
progress significantly beyond the achievements of their generation. The present
generation might, for example, sincerely believe there can't be any progress beyond the
current understanding of science's Grand Unified Theory or that current scientific method

is infallible. I respectfully disagree and it's my goal, by means of the science and curiosity and imagination (not fantasy) in my writings, to show everybody that there is still so much progress to be made that the whole world will be busy for thousands (if not millions) of years yet.

The philosophers living in ancient Greece about 2,500 years ago amaze me because they seem to have arrived at similar conclusions to those presented in this book without the benefit of 21st century science. Maybe that demonstrates what can happen when, as I believe, we all live in a unification where there is no separation between anything in time or in space (including on Earth). In Ecclesiastes 1:9, your Bible states: "The thing that hath been, it is that which shall be; and that which is done is that which shall be done; and there is no new thing under the sun" - King James Version. I'll elaborate on the Greek philosophers in the section called "The Real Thing". Publishing this book might prove useful by showing how modern science can validate the thoughts of ancient Greek philosophers such as Parmenides, whose "argument from thought and language to the world at large" was described in the following way by British mathematician and philosopher Bertrand Russell (1872-1970) in his book "A History of Western Philosophy": "It cannot of course be accepted as valid ..."

Also, in relation to this book, the predictions of inventor and futurist Raymond Kurzweil are fascinating. According to Wikipedia, he suggests "With the entire universe made into a giant, highly efficient supercomputer, AI and human hybrids (so integrated that, in truth it is a new category of "life") would have both supreme intelligence and physical control

over the universe. Kurzweil suggests that this would open up all sorts of new possibilities, including abrogation of the laws of Physics, interdimensional travel, and a possible infinite extension of existence (true immortality).” On this last point, I first read about the downloading of minds for the purpose of attaining immortality over 20 years ago in a now-discontinued science magazine (either “Omega Science Digest” or “Omni”) reporting on the robotics and artificial-intelligence work of American Hans Moravec.

Also fascinating are the references to Underlying Existence in John Dobson’s recent book “The Moon Is New” (Dobson invented the term Zero Separation which this book refers to) and the conclusions in two recent books by American mathematician and physicist Frank Tipler – “The Physics of Christianity” and “The Physics of Immortality”. In these, he says physics proves God’s existence, can justify the resurrection of the dead and the spiritual body (which I call the Backup in “Part 3 Into Paper Walls”), and that godlike intelligences will grant you and I immortality. And my fascination continues ... even as I’m putting the finishing touches on this book, I read a very short adaptation in the science magazine Discover of the May 2009 book “Biocentrism: How Life and Consciousness Are the Keys to Understanding the True Nature of the Universe” by Robert Lanza with Bob Berman. They say life – particularly consciousness – creates time, space and the cosmos itself: without us, the universe could not exist. They say things this book agrees with – “... time does not exist independently of the life that notices it”, “... space is neither physical nor fundamentally real in our view”, “In daily life, space and time are harmless illusions” and “Quantum theory even casts doubt on the notion that distant objects are truly separated ...” These statements sound like similar

conclusions to my explanations of a “spaceless and timeless reality that appears to include space, time and distance but these are actually illusions created, in an immediate sense, by the cosmic computer-generated hologram* and, in the ultimate sense, by an intelligence and consciousness that pervades the universe and is related to the minds of humans”. While “Biocentrism” says consciousness creates the universe, it unfortunately cuts out the middle man and does not, as far as I know, mention a computer-generated hologram.

* Wikipedia, the free online encyclopedia says, “British software developer, physicist and mathematician Stephen Wolfram’s conclusion is that the universe is digital in its nature, and runs on fundamental laws which can be described as simple programs: cellular automata. He predicts a realization of this within the scientific communities will have a major and revolutionary influence on physics, chemistry, biology and the majority of the scientific areas in general.” In “The Atlantic Monthly” for April 1988, journalist Robert Wright says U.S. computer scientist and physicist “Ed Fredkin thinks that the universe is a computer. According to his theory of digital physics, information is *more* fundamental than matter and energy. He believes that atoms, electrons, and quarks consist ultimately of bits—binary units of information, like those that are the currency of computation in a personal computer or a pocket calculator.” And it is stated by <http://www.spaceandmotion.com/Physics-David-Bohm-Holographic-Universe.htm> (part of one of the top philosophy sites on the Internet) that the British quantum physicist David Bohm (1917-1992) asserted that the tangible reality of our everyday lives is really a kind of illusion, like a holographic image. Underlying it is a deeper order of existence, a

vast and more primary level of reality that gives birth to all the objects and appearances of our physical world in much the same way that a piece of holographic film gives birth to a hologram. Bohm calls this deeper level of reality the implicate (which means enfolded or hidden) order, and he refers to our own level or existence as the explicate, or unfolded order. Bohm is not the only researcher who has found evidence that the universe is a hologram. Working independently in the field of brain research, Stanford neurophysiologist Karl Pribram has also become persuaded by the holographic nature of reality. He says that the human brain can be modeled as a hologram. Capitalizing on Pribram's findings, Bohm states that our brains are smaller pieces of the larger hologram. That our brains contain the whole knowledge of the universe. So, you can see how each mind has a limited perspective of the universal hologram. Our brains are our windows of perception. Each mind always contains the whole picture, but with a limited and unclear perspective. We each have different experience in our lives, but each perspective is valid. Our brains mathematically construct objective reality by interpreting frequencies that are ultimately projections from another dimension, a deeper order of existence that is beyond both space and time.

I think the universe is like a computer game full of simulated worlds with simulated people living on them in seemingly separate times. It will be created by humans and our extraterrestrial descendants in the future (see Gates>STARGATE). This book deals with 2 methods for creating the universe that are complementary – one using lasers and producing a hologram (whose digitization depends on the programming of its photons and other parts by the second procedure's QM-SCN), another which doesn't use lasers

but concentrates on a Quantum-Mechanical SuperComputer Network whose simulation of worlds and people is displayed on the universal hologram (see “The Real Thing”). Holograms we’re familiar with only result from visible light. But later we’ll see that the word light can be applied to any form of electromagnetic radiation. Superimposing various frequencies in an object might cause them to stimulate not just our eyes but also nerves involved in perception of touch, temperature, smell, etc. This would make any object appear solid and to have mass* – it could even affect any scientific instrument e.g. detectors of electric, magnetic or gravitational fields. And objects in the universal hologram would not only include the screens of our computers, TVs and mobile phones but every physical and nonphysical part of the universal hologram would be a receptor for the downloading of data from the Quantum Supercomputer (in other words, a “screen” for invisibly displaying data). As “Teleporting to Stargate” states, information can be transferred from atoms (in this case, of the quantum supercomputer) to light (the universal hologram) then again to atoms (in the case proposed in “The Real Thing”, of the supercomputer via a feedback loop).

* For decades scientists have theorised the existence of a particle, called the Higgs boson, that explains how other particles acquire mass. The Higgs boson is believed to produce a field that interacts with particles and gives them a property we interpret as mass, explains Dr Kevin Varvell, of the University of Sydney in Australia. Dr Aldo Saavedra, a particle physicist also at the University of Sydney, made this comment as colleagues at the European Organization for Nuclear Research (CERN), near Geneva, switched on the Large Hadron Collider - "It would be really nice if nature actually provided some

very puzzling thing that theories haven't actually thought of." In September 2008, renowned British astrophysicist Professor Stephen Hawking bet US\$100 that the LHC experiment would not find the Higgs boson. "I think it will be much more exciting if we don't find the Higgs. That will show something is wrong, and we need to think again," says Hawking. Another aspect relating to matter's appearance of possessing solidity and mass is - Morpho butterflies create colour by selectively adding and deleting certain wavelengths of light. Physicists have only recently devised comparable materials, called photonic band-gap crystals; and are now exploring their use in phone switches, solar cells and antennas. No surprise, then, that some engineers are looking to the living world for the next generation of optic inspirations. I believe advances in engineering and biology will enable humans, like the morpho butterfly, to selectively add and delete certain wavelengths of light. But the previous paragraph showed how anything and everything can be regarded as light (by e.g. superimposing electromagnetic and gravitational waves). So the day will come when we can add or delete wavelengths anywhere we choose, and there will be absolutely no limits to what a human can do! However, it is good to remember that we will never be gods or goddesses because the rest of the universe is also included in this unification. I anticipate people will oneday have band-gap structures in their brains that are no bigger than a computer chip (see "Gates>STARGATE" where it's proposed that these won't require surgical implantation because of the pre-existing digital nature of all parts of the universe). Photonic band-gap crystals would, of course, only deal with light in its photonic forms (energy forms such as visible light or radio waves). The band-gap structures I have in mind would need to deal with forms like matter, so they could add or delete anything and everything we choose. They might accomplish this

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