

NewWorld Discoveries

Scientific, Cultural and Spiritual
Breakthroughs to a New Earth

Volume One

A New Reality

By Douglas Kinney

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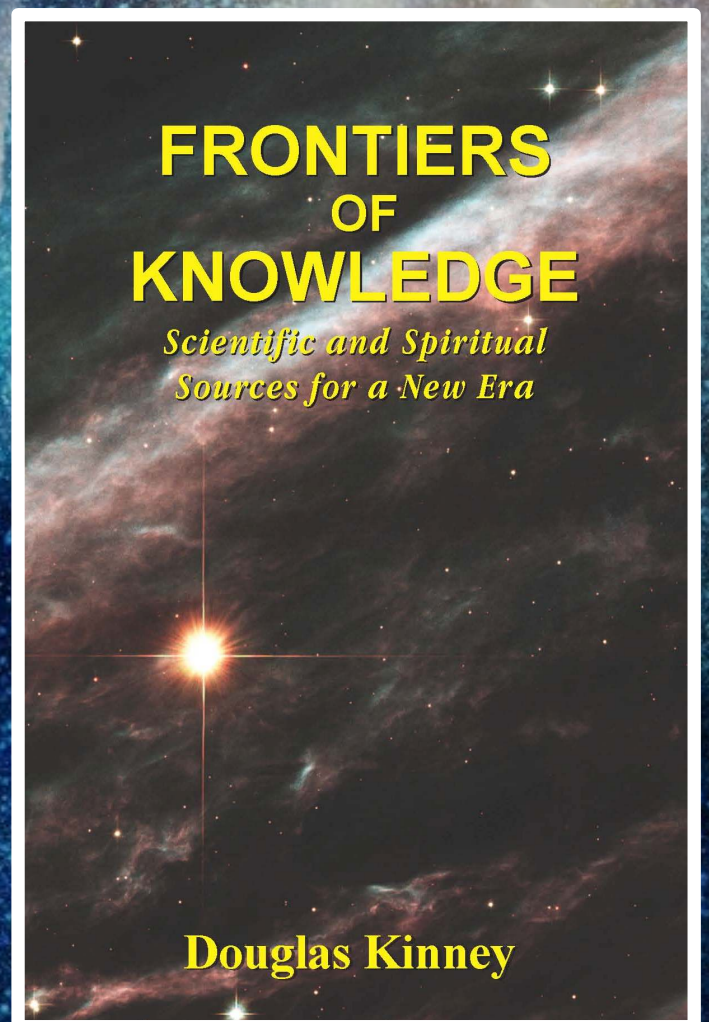
A New Reality

By Douglas Kinney

If consciousness is behind physical reality as quantum physics expresses it, and if unusual consciousness and spiritual experiences are real, then we would expect to see traces, or hints, of consciousness as we observe other scientific disciplines. I and others believe we have found these traces. Following are samples from various fields: cosmology, biology, neuroscience, and consciousness.

In this short eBook, I have prepared samples of this new reality using excerpts of key concepts and their supporting information from *Frontiers of Knowledge*. These will give you a "front row seat" to the exciting new developments that are revolutionizing our understanding of reality.

Read Douglas Kinney's complete book of discoveries, *Frontiers of Knowledge*, available on Amazon.



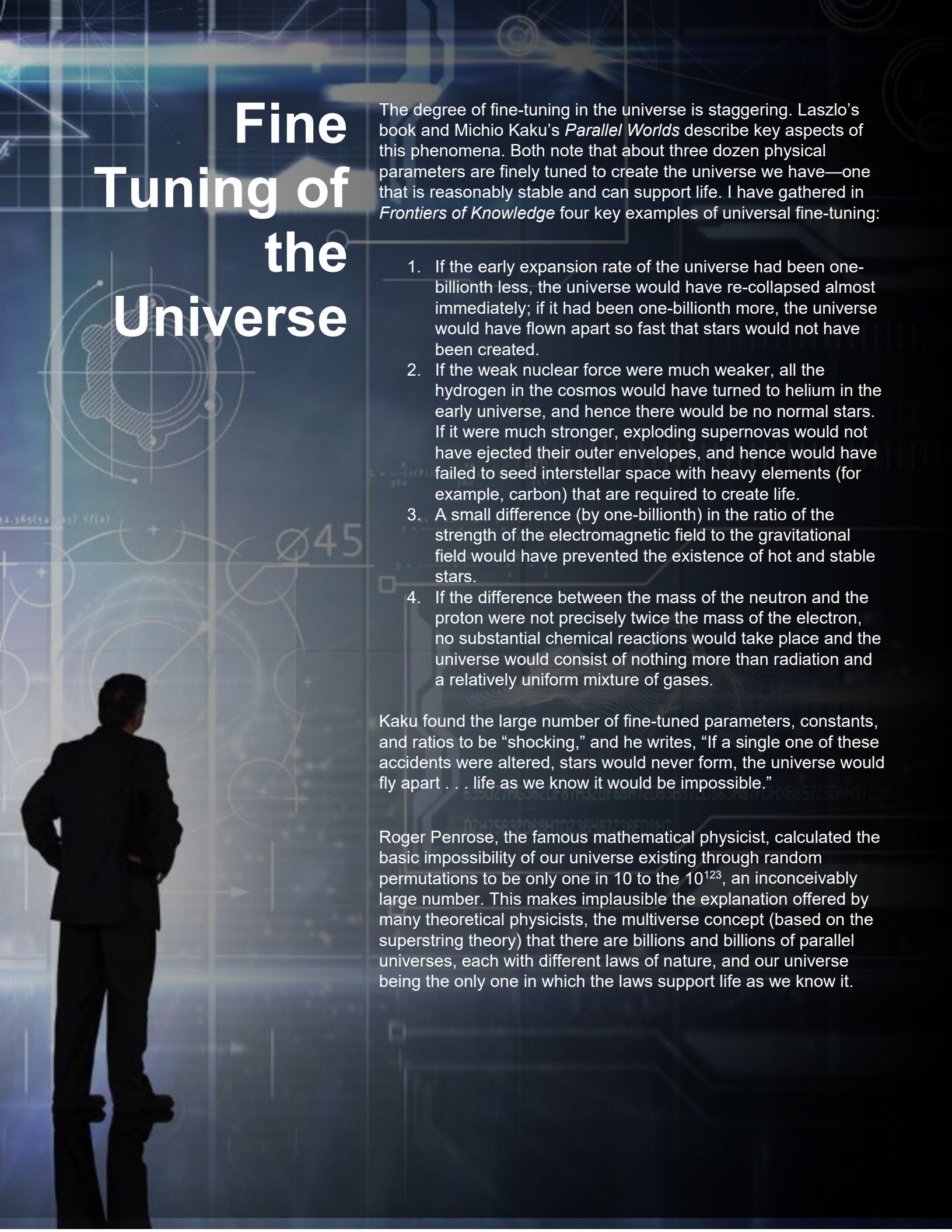
Universal Energy and Information Field

At the heart of the new scientific paradigm is posited a fundamental universal field of energy and information that forms and connects all matter and life. This field has been wonderfully introduced in Lynne McTaggart's *The Field: The Quest for the Secret Force of the Universe* and Ervin Laszlo's *Science and the Akashic Field*.

This new field concept, labeled the zero point field (ZPF) by McTaggart's scientists, offers explanations for many scientific anomalies and represents a fundamentally new scientific worldview.

Laszlo writes that hints of this field are present in many of the world's spiritual traditions and beliefs, especially Eastern ones, such as the Hindu concept of the Akasha and the Chinese Taoist belief that a basic energy called Qi pervades all life, but its application to scientific phenomena is a new development.

Fine Tuning of the Universe




The degree of fine-tuning in the universe is staggering. Laszlo's book and Michio Kaku's *Parallel Worlds* describe key aspects of this phenomena. Both note that about three dozen physical parameters are finely tuned to create the universe we have—one that is reasonably stable and can support life. I have gathered in *Frontiers of Knowledge* four key examples of universal fine-tuning:

1. If the early expansion rate of the universe had been one-billionth less, the universe would have re-collapsed almost immediately; if it had been one-billionth more, the universe would have flown apart so fast that stars would not have been created.
2. If the weak nuclear force were much weaker, all the hydrogen in the cosmos would have turned to helium in the early universe, and hence there would be no normal stars. If it were much stronger, exploding supernovas would not have ejected their outer envelopes, and hence would have failed to seed interstellar space with heavy elements (for example, carbon) that are required to create life.
3. A small difference (by one-billionth) in the ratio of the strength of the electromagnetic field to the gravitational field would have prevented the existence of hot and stable stars.
4. If the difference between the mass of the neutron and the proton were not precisely twice the mass of the electron, no substantial chemical reactions would take place and the universe would consist of nothing more than radiation and a relatively uniform mixture of gases.

Kaku found the large number of fine-tuned parameters, constants, and ratios to be “shocking,” and he writes, “If a single one of these accidents were altered, stars would never form, the universe would fly apart . . . life as we know it would be impossible.”

Roger Penrose, the famous mathematical physicist, calculated the basic impossibility of our universe existing through random permutations to be only one in 10 to the 10^{123} , an inconceivably large number. This makes implausible the explanation offered by many theoretical physicists, the multiverse concept (based on the superstring theory) that there are billions and billions of parallel universes, each with different laws of nature, and our universe being the only one in which the laws support life as we know it.



Kaku writes that Earth lives in a “Goldilocks zone” in which conditions are just right to allow complex life forms to be created and evolve on Earth:

- The nearly circular orbits of the planets in our solar system minimize the chances of planet collisions.
- The presence of a large planet the size of Jupiter helps keep many asteroids from us.
- Moon is just the right size to stabilize Earth’s orbit and not allow drastic shifts in its axis of spin.
- Earth is just the right distance from the Sun for liquid water conditions.
- The size of Earth is large enough to keep oxygen from escaping into space.

Earth’s ‘Goldilocks’ Conditions

The Holographic Mind

Karl Pribram's work shows that while cognitive processes have very precise locations within the brain (for both humans and animals), the actual processing of information relative to a given function is not carried out by particular brain neurons or a group of brain cells. It is distributed within the brain.

In experiments in which the optical nerves of cats were almost completely severed, a researcher found that the cats' vision was not greatly diminished. In the conventional scientific theory of vision, a mammal's brain creates the equivalent of an internal movie screen from its sensory input through the optical nerve. If its optical nerve is mostly severed, a mammal should see only a very small portion of the screen because it would be the equivalent of blocking most of the projector lens. Obviously in this experiment some other process for vision is occurring.

Pribram and Dennis Gabor—the Nobel Prize laureate in physics for his discovery of holography—had the insight that visual information (and probably that from other body senses) are processed in the brain as complex-frequency information. In this process, the linear-domain information (for example, objects in space relative to each other) are transformed into the frequency domain by Fourier transforms, a classical engineering signal-processing technique.

They hypothesized that the brain communicates within itself to process the visual information using wave (frequency) functions and not bits of information. Pribram believes that frequency information is processed as holograms.

Experiments by the DeValois team support this hypothesis. They found that the brains of cats and monkeys responded not to simple plaid and checkerboard patterns but to the interference patterns of the component waves (also true for humans). This is illustrated in figure 1 with the comparison of a checkerboard pattern in linear space with the Fourier transform in frequency space. The transformed frequency-space pattern on the right shows a rectangular pattern of small circles in which the intensity of the circles decrease in proportion to their distance from the center: a pattern that is significantly different from the linear space pattern on the left.

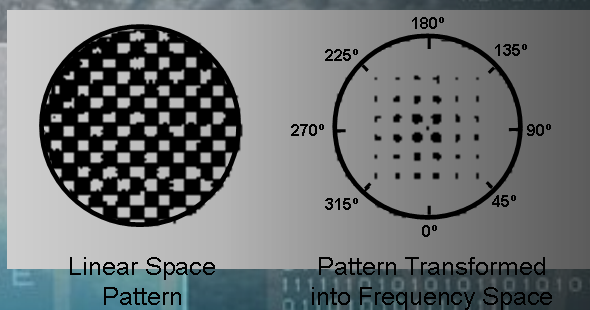


Figure 1. Transformation of Checkerboard Pattern to Its Fourier Transform in the Holographic Mind's Frequency Space

Transplant of Memories



The concept of organ transplants passing along the memories and personality traits of their donors first came to the attention of the public in the 1990s in published anecdotes.

Paul Pearsall, a psychoneuro-immunologist, researched the transference of memories through organ transplantation, and his book *The Heart's Code*, presents many descriptive accounts of this phenomenon.

One of Pearsall's cases documents the changes in attitudes, habits, and tastes experienced by Claire Sylvia after she received a heart and lung transplant in the late 1970s. Formerly a professional dancer and health enthusiast, Sylvia found herself patronizing fast-food restaurants, adding cool colors to her red-dominant wardrobe, and acting out "in an aggressive and impetuous manner."

All of these behaviors matched the inclinations of the donor as reported by his associates or other evidence.

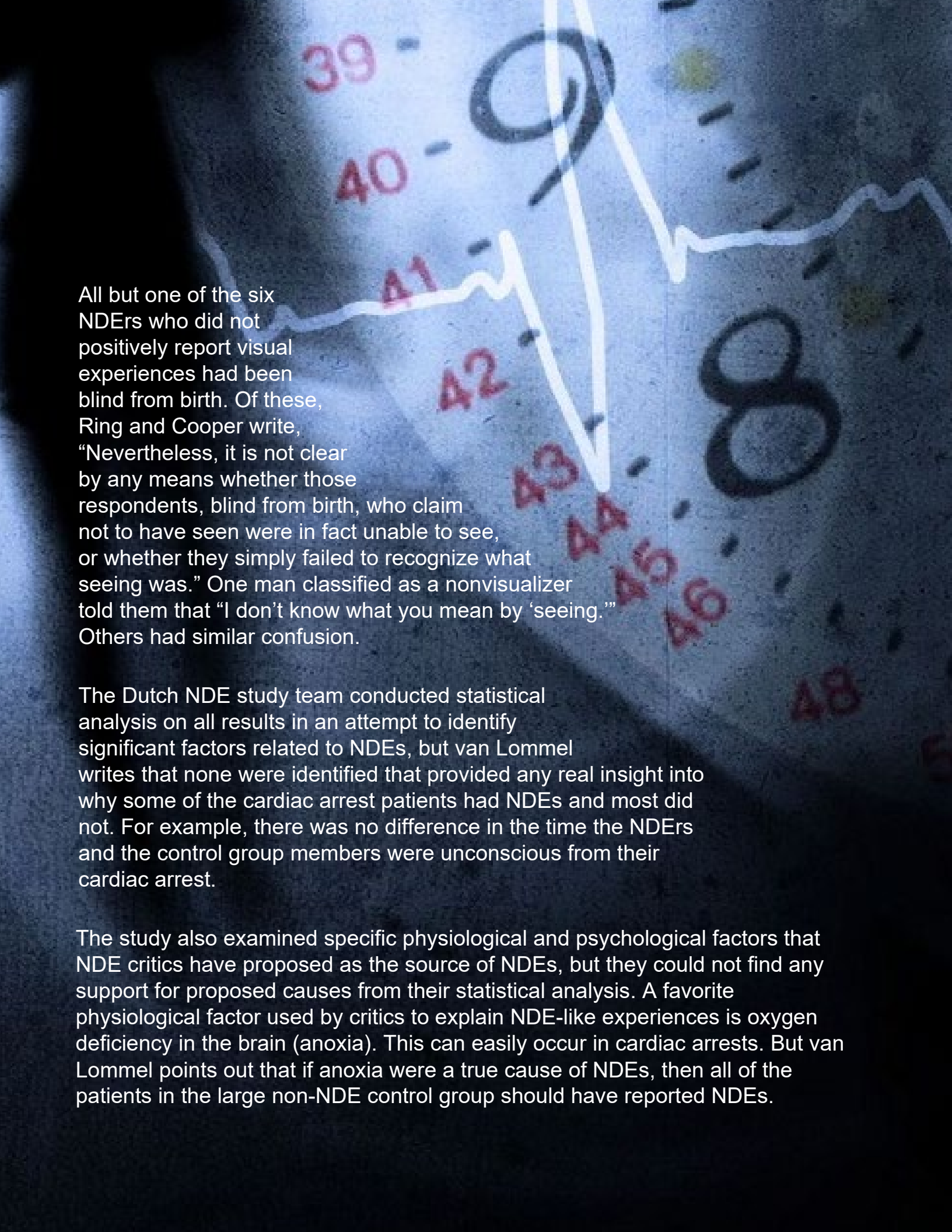
Scientific and Systematic Studies of Near Death Experiences

Frontiers presents three NDE studies that create a strong degree of proof for the reality of NDEs:

1. Medical procedures and conversations that occurred in Pam Reynolds' very unusual medical operation were observed by her in an out-of-body experience (OBE) and later verified
2. NDE study of blind people by Ring and Cooper in which most experienced vision in their NDEs
3. A Dutch study's prospective approach that included all patients who had temporarily died from cardiac arrest

The second study included 21 cases of visual perception by the blind during their NDEs. In their statistical summary, Ring and Cooper stated: 15 of the 21 NDErs and 9 of the 10 OBErs reported that they could see during their experience, while the remaining participants either claimed that they did not see or were not sure whether they could see.





All but one of the six NDErs who did not positively report visual experiences had been blind from birth. Of these, Ring and Cooper write, "Nevertheless, it is not clear by any means whether those respondents, blind from birth, who claim not to have seen were in fact unable to see, or whether they simply failed to recognize what seeing was." One man classified as a nonvisualizer told them that "I don't know what you mean by 'seeing.'" Others had similar confusion.

The Dutch NDE study team conducted statistical analysis on all results in an attempt to identify significant factors related to NDEs, but van Lommel writes that none were identified that provided any real insight into why some of the cardiac arrest patients had NDEs and most did not. For example, there was no difference in the time the NDErs and the control group members were unconscious from their cardiac arrest.

The study also examined specific physiological and psychological factors that NDE critics have proposed as the source of NDEs, but they could not find any support for proposed causes from their statistical analysis. A favorite physiological factor used by critics to explain NDE-like experiences is oxygen deficiency in the brain (anoxia). This can easily occur in cardiac arrests. But van Lommel points out that if anoxia were a true cause of NDEs, then all of the patients in the large non-NDE control group should have reported NDEs.

Scientific and Systematic Studies of Reincarnation

In *Frontiers of Knowledge*, I present overviews of the three important investigations of reincarnation:

- Documented cases of the children-who-remember (CWR) phenomenon: children (usually two to seven) whose remembered past life can be more real than their current one.
- A historical past-life group regression study by Helen Wambach, a psychologist.
- Investigations by Walter Semkiw, a medical doctor, that show individuals tend to reincarnate with the same appearance, personality traits, and companions in each lifetime.

The CWR investigations were started by Ian Stevenson at the University of Virginia (UVA) in the late 1960s and are being continued by Jim Tucker. UVA has a large number of CWR cases in their CWR database—some of which cover children's memories of between-lives experiences before their rebirth.

Stevenson's efforts have been prolific with many publications and books. These include research findings in which some of these children are born with birthmarks that correspond to the wounds that contributed to their death in their last past life.

In the 1970s, Wambach applied social-science research principles in her design and execution of a group-regression past-life study. In it, she created a large past-life statistical database of historical societal trends spanning four thousand years that could be compared to known historical data. Her data show that almost all past-life remembrances were for lives as poor or "middle-class" existences—not those of famous people. Also her mostly female subjects remembered both male and female lives.

Between Lives Regression Discoveries

Between-lives regression is a fairly new tool for investigating and researching the nature of the human soul, and I consider its credibility enhanced by how closely its experiences correlate with those provided by NDEs with rich spiritual-realm experiences. I see NDE and between-lives regression as complementary. There are a very large number of reported NDE cases, but most provide only a limited amount of information about the spiritual realm. Between-lives cases are fewer in number, but each contains more spiritual-realm information than an average NDE case.

The foremost developer and practitioner of between-lives regression has been Dr. Michael Newton with his Life-between-Lives (LBL) regression methodology. In it, hypnosis subjects experience themselves as spiritual beings leaving the dead body of a past life, traveling into a nonphysical realm, and having experiences in this realm.

Between-lives regression can be viewed as a “breakthrough” development for the systematic exploration of spiritual knowledge. Newton has taken thousands of humans through the long, in-depth, 3+ hour hypnosis sessions. Key experiences souls have in this realm include:

- Separating from their dead body, moving away from earth, and meeting their spiritual guide.
- Entering the spiritual realm through a portal and being met there by a welcoming soul or group.
- Becoming oriented to a new dimension and having their energy recharged and balanced.
- Having a life review with their spiritual guide of their just completed human life
- Transitioning to their “place” in this realm and meeting their soul family in a “homecoming.”
- Meeting with their soul advisory council and reviewing key experiences and choices in their just completed past-life and their current life.
- Being placed for study and/or training (as souls advance in energy consciousness, they become members of what Newton calls “specialties”—what we would call trades and professions).
- Planning their next life and choosing a new body.
- Preparing to leave the spiritual realm for their next physical incarnation and being reborn as an infant in a new physical body.

Frontiers of Knowledge provides a detailed over-view of the following information:

- Soul levels, hierarchies, and organization of the spiritual realm (the key factor being the soul’s energy consciousness level).
- Soul activities in the spiritual realm (see above overview listing).
- The phenomenon of reincarnation.
- The purpose of reincarnation and the role of karma and free will.

A New Reality

Additional subject matter presented in *Frontiers of Knowledge* include: the human subtle-energy system with multiple subtle-energy-information bodies (from Barbara Brennan and Cyndi Dale) and specieswide subtle information fields supporting evolution, behavior, and social interactions (from Rupert Sheldrake).

The book has a chapter on parallel universes and multiple dimensions (using information from physicists and spiritual sources). It also outlines a new knowledge-based discipline for consciousness and spirituality. One that can provide us with insights on the two “hard problems” of science: consciousness and spirituality. All of this provides the foundational concepts and information for a spiritual-based world-view of reality.

It is an amazing story that at one level can be viewed as uncovering the “fingerprints” of God through all existence in the form of souls, individualized, nonphysical consciousness with free will. For those coming from the scientific perspective, it provides the consciousness behind quantum physics. It is as John Bell, 20th-century’s most insightful quantum physicist on consciousness, said about the original source of consciousness in our universe:

“the new way of seeing things will involve an imaginative leap that will astonish us.”

Frontiers of Knowledge

by Douglas Kinney

Order a copy
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Frontiers of Knowledge
goes deep into the
discoveries that change
our view of reality,
science and spirituality.

