

George Anderson

Quantum Entanglement and Synchronicity.

Force Fields, Non-Locality,
Extrasensory Perception.
The Astonishing Properties of
Quantum Physics.

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*"It is my personal opinion that in the science of the
future reality will neither be "psychic" nor
"physical"
but somehow both and somehow neither...
It would be most satisfactory
if physis and psyche could be conceived
as complementary aspects of the same reality."*

*(Wolfgang Pauli, Nobel Prize in Physics,
in a letter of 1950 to Abraham Pais)*

Introduction. What This Book Is About

For many centuries extrasensory perceptions such as telepathy, premonitions and foresight have been considered fantasies, illusions or fraudulent inventions.

This was the direct consequence of materialistic domination over science and the a priori denial of any reality that could not be verified in the laboratory.

Despite this, we have all had simple experiences such as strange coincidences, presentiments or even readings others' thoughts and intentions. That they were not illusory is proven by the fact that we have often benefited from them in our everyday lives.

Now finally, in recent decades, scientific evidence is emerging of the existence of a higher level of consciousness, a collective mind where ideas and thoughts common to all of humanity dwell: a psychic cosmos from which it is possible to draw and from which we receive signals and information.

In 1980 the *quantum entanglement* was experimentally confirmed, i. e. the property of elementary particles to communicate with each other without limits of space and time, in a dimension that is not subject to the known laws of physics and can be compared to a universal mind.

The Global Consciousness Project experiments, conducted at Princeton University, have undoubtedly demonstrated the existence of a global consciousness, ready to react emotionally when major events involving humanity occur.

This Project is based on electronic equipment distributed in 41 nations on all continents, able to record the mood of human communities.

On the occasion of the terrorist attack on the Twin Towers in New York, on September 11, 2001, the University of Princeton instruments recorded a very high peak of "anguish" in the global population feelings: the amazing fact is that the emotional peak was not recorded after, but two hours before the event happened.

This book talks about all the confirmations acquired in the last five decades to the theory of the *Anima mundi* dear to the Greek philosopher Plato, and then to the intuition of the *collective unconscious* of the well-known psychotherapist Carl Gustav Jung, until the definitive confirmation, coming from eminent scientists and Nobel prizes of what was predicted by quantum physics, that is the existence of a non-local level where particles, even if separated by immense distances, know everything about each other and behave as if they were one.

This book is neither a scientific text nor a philosophical or a para-religious one. The author is a popularizer with years of experience to his credit, able to identify the salient points of even very complex topics, managing to re-elaborate them in order to make them comprehensible to the general public.

The message of this book is that the dividing barrier between matter and psyche is collapsing, indeed, it has already collapsed.

From a universe totally based on matter aggregated by chance, humanity is definitely navigating towards a new way of understanding reality, where matter and psyche coexist and integrate.

While classical physics remains dominant in the world perceived by our senses, new levels of reality are opening up.

At a quantum level, classical physics is no longer valid: matter cannot perform its function on its own, but it needs a psychic dimension, that is, a further level, the level of non-locality. Here the whole universe becomes one, made of energy and information, and is coordinated by a harmony force without which only chaos would exist.

In the most hidden levels of reality matter cannot do without the psyche but, reciprocally, the psyche cannot exist without a matter through which to express itself.

This awareness is accompanying humanity towards a new evolutionary leap, beyond which the materialistic dominance will cease.

There will be an era of collaboration between psyche and matter, in which even phenomena that are now discussed or denied, such as extrasensory perceptions, will become a patrimony of common use in everyday life.

The Editorial Board

Part I. Essential Preconditions

*The person who follows the crowd
will usually go no further than the crowd.
(Albert Einstein)*

1. The Massacre of Baruhill Street

On October 27, 1992, a terrible tragedy occurred in Terrigal, a residential area of Bateau Bay on the Central Coast, not far from the populous Australian city of Sydney.

In the throes of a raptus, a man broke into Thomas Gannan's home on Baruhill Street, killing Thomas and his two daughters, 23-year-old Kerry and 18-year-old Lisa. He also killed his own 27-year-old son David, and two other people who were in the house.

The name of the perpetrator of the massacre was Malcolm Baker. According to the local newspaper *The Sidney Morning Herald*, which dealt with the matter for a long time, it all happened for futile reasons.

Certainly the Baruhill Street massacre is one of those episodes that cry out for revenge in front of the sky. As incredulous spectators, we wonder why such a heinous crime could have occurred. Believers can ask themselves: Why does God allow this?

The pain of the whole community was great. A third daughter of Thomas, Julie, who at the time of the massacre was 17 years old, wrote a heartbreaking love poem to the lost loved ones, from which I report some verses:

*... now that everything has happened
I wish it were a dream,
but unfortunately it is reality,*

*even if I can't believe it.
Dear Dad, even if you are gone
I always love you..."*

I remembered this episode to make sense of the book.

Of course, when faced with the question of why these things can happen, we have no answers. However, we can imagine that if "someone" had issued a warning, it would not have happened.

Many times in the presence of sudden misfortunes of various kinds, such as natural disasters, there are people who claim to have had premonitions thanks to which they have been able to avoid the worst. Why doesn't it always happen? Why doesn't it happen for everyone? Why didn't it happen with the Gannan family?

A Presentiment not Understood

Still, it is possible that that family received a warning. As we have seen from Julie's poignant poem, the Gannan girls loved to write and eighteen-year-old Lisa also enjoyed writing verses.

Obviously a girl full of life, cheerful, sunny, what else could have written if not hymns to joy? Moreover, *The Sidney Morning Herald* reports that Lisa, although still a student, was pregnant.

So, a teacher from the High School attended by the young woman was unpleasantly surprised when,

shortly before the massacre, she read these verses in her diary:



Figure 1. On the right, Lisa Gannan. On the left, her sister Kerry, also a victim killed by the lunatic, with her mother absent at the time of the massacre.

*Why did you come to cry before my
grave?*

I'm not in the grave, I'm not sleeping.

*I am a wandering star in the darkness of
the night sky.*

Don't cry here anymore,

*I'm not in the grave, I live in the dark
sky. "*

When the teacher asked her why her verses were so full of sadness, Lisa replied that she did not know, they had come to her in a spur of the moment.

With hindsight, we can imagine that those verses could represent the premonition of a fatal event. But, in all honesty, we must also ask ourselves whether it would have been possible for Lisa to understand them. Lisa was probably warned, but with an unknown language, hermetic, difficult to interpret. A language that made no sense to her.

All the things that happen around us, the strange coincidences, the "signs", to be understood must make sense. The sense that we can give to an insignificant episode transforms it into a significant coincidence, that is, a synchronicity, as the psychologist Gustav Jung, who dedicated a large part of his life to the study of these topics, defines it.



Figure 2. The Sydney Morning Herald's front page with the news of the massacre.

All of us receive messages in the form of elusive signs, strange coincidences, combinations and circumstances that are often repeated, parallelisms, but which slide on us both because we consider them the work of chance and because we cannot understand their meaning.

It is hard to believe that any entity cares so much about us and tries to send us warnings. Why should he do it? And even if he wanted to, why not express himself more clearly?

An Opposite Case

Contrary to the difficulties in interpreting the previous episode, Mr. Woods, a senior partner of a New York law firm, was much more attentive to premonitions and managed to avoid several times the imminent dangers. In fact, according to a widespread reconstruction on the net, he escaped three attacks.

The first time, on December 21, 1988, when he was supposed to be travelling on Pan Am flight 103. The aircraft, a Boeing 747-121 called Clipper Maid of the Seas, which was on its way from London to New York, exploded in flight for the detonation of a plastic explosive charge. The tragedy occurred over the town of Lockerbie, Scotland. 270 people died in the plane crash, 259 on board the plane and 11 on the ground struck by debris. Mr. Woods saved himself, because he canceled the departure.

The second time, on February 26, 1993, he escaped a terrorist attack, the one against the World Trade Center in Manhattan, consisting in the detonation of a van loaded with explosives placed in the underground parking lot. There were 6 dead and over 1,000 injured.

Finally, on 11 September 2001, he moved away from the Twin Towers shortly before the impact of the planes that caused the collapse.

Even if this story is not documented in a flawless way, there are dozens more similar, relating to people born really lucky, or . . . very foresighted and attentive to premonitions.

2. How Much Does the Soul Weigh?

There are many things around us that we do not understand. Is this an eternal condemnation, or can we hope that sooner or later we will find a way to shed light?

Everything suggests that many human capacities are not known, indeed, there are those that we do not even imagine. Others are only intuited, yet others, such as premonitions and telepathy, we would swear that they exist but we do not know how to interpret them correctly.

In the last centuries, scientific prejudices about the reality of the universe have denied any possibility of involving psychic realities in the functioning of nature.

The world around us is considered as a mass of matter subjected to mechanistic rules. According to this conception, only what can be weighed and measured is normal, everything else is pure illusion, as if it does not exist.

More Precise Scales Are Needed

With the advent of the Enlightenment, a cultural and philosophical movement that developed in Europe around the eighteenth century, it was stated that if the soul existed it had to have a weight,

because a soul only spiritual was completely excluded.

So, it was thought to weigh the dying just before and shortly after death, to see if their weight varied. Having established that it remained the same, it was concluded that the soul was completely non-existent.

I thought that this experiment was condemned ridiculous by itself, until I learned that someone wanted to repeat it in our time.

A film entitled "21 grams" was made in 2003 and is based on the experiments conducted in 1901 by Dr Duncan MacDougall, in Dorchester. There are many cities with this name, but here we refer to the one located in Massachusetts (USA).

The scholar intended to demonstrate that the human soul has a mass and is therefore measurable, using scales more precise than those in use in 1700.

So, he weighed six dying patients before, after, and at the very moment of death. His conclusion was that the soul weighs 21 grams, and here comes the title of the film.

For added safety, the doctor also weighed a dog with the same method, verifying that in that case the weight remained the same. He concluded that only human beings have a soul, not animals.

Everything To Be Redone

As long as science claims to have a materialistic approach of this kind, it will never go anywhere in the dialogue between science and psyche.

What we want to affirm not only in this book, is that reality is not composed of matter alone.

The questions we ask ourselves have been the same for centuries:

- Is it possible that the psyche can also find its place in a universe made of matter?
- Is there a relationship between psyche and matter, and what are its bases?
- Does our personal consciousness live closed in itself or does it have the possibility of communicating with all the other consciousnesses in the universe?
- And what are the other consciences?
- By what means can this communication between consciences take place?
- And finally, is there a global consciousness, a "super-consciousness" that connects and unifies all personal consciousnesses?

As complex as these issues may seem, it is not impossible to approach their understanding. Many are working to facilitate the task for us and for themselves. They do it seriously and scientifically.

In this book I present the discoveries, the experiments and the experiences conducted by the most famous scholars of the subjects involved in this research, from psychology to quantum physics.

Discussing further these topics, rather than dismissing them, means contributing to an objective understanding of our minds potential and how they manage to dialogue with the Mind of the universe.

In my role as a popularizer, I will try to expose all the hypotheses, without supporting any and without excluding any (I hope) of those based on researches carried out seriously.

I will avoid, however, those based on cheap speculations of an oriental or para-religious philosophical type, or new-age, which in my opinion are numerous and aim only to collect consensus and money (the ingredients of power) at the expense of people deluded by their persuasive arguments.

I will definitely dispute only one theory, that of absolute materialism or a priori denialism.

3 - Normal and Paranormal

The claim that psychic phenomena are "paranormal" is highly questionable. It can be defined as something out of the ordinary that does not happen often or does not happen to most people, but we all know, even from personal experience, that

extrasensory perceptions occur normally and frequently.

However, for this category of events, it was decided to coin the suffix "para" attributing it a substantially negative meaning. "Para" defines all things that, according to official science, cannot be weighed and measured in the laboratory and therefore do not exist.

Following this criterion, many topics mentioned in this book would be paranormal, practically hoax or fruit of suggestion.

The opinion of many other scientists more open minded is that, instead, these are normal events, even very normal, as they affect and involve very large numbers of people, often repeatedly.

Therefore, I will also call them phenomena, but not in the sense of freak show. With the term phenomena we will refer to unusual facts that need further study in order to become comprehensible.

It is not unusual to have a presentiment that then becomes reality, or to think of a person we had long since lost sight of and receive a phone call shortly afterwards.

It is also common to share with loved ones some awareness that we had left to grow in our hearts and that we had not previously expressed.

Practically all of us have sometimes had the sensation of being watched, and turning around we have verified that someone was really looking at us.

For the proponents of materialism these are simple cases or, at most, illusions matured in the brain involutions.

According to them, the capacity to think is based on the exchange of electrochemical signals within the brain, and nothing can come out of the cranial box.

Therefore, the possibility that thoughts come out of the head or come from other heads is completely excluded. Everything we imagine is born and dies in our brain, it has no chance of going out, traveling in space and time and get to interest other brains.

Perhaps, some say, it would be possible if we connected with a cable two brains close to each other. Or a wi-fi system capable of exchanging signals between brains should be designed. In these cases everything would be based on invisible but still physical activities.

According to them, a wi-fi system based on telepathy, i. e. the exchange of pure thought, without physical connections, is completely inconceivable. Even if telepathic phenomena seem to occur, in fact (according to materialistic science) they do not occur and should be catalogued as cases, coincidences, illusions.

At this point, it is worth wondering what science is.

Is it a system in which everything proceeds according to the prejudices of the majority, and according to the unshakable "ipse dixit" of some sacred monsters of atheism, or is it a system in which research is carried out without excluding any possibility, considering that too many infallible masters have had to rethink their convictions, after having imposed them on anyone without the possibility of contradictory?