



Classificazione Decimale Dewey:

615.535 (23.) SISTEMI TERAPEUTICI GENERALI. NATUROPATIA

FRANCESCA ROMANA FANTETTI

QUANTUM BEINGS





©

ISBN
979-12-218-2424-7

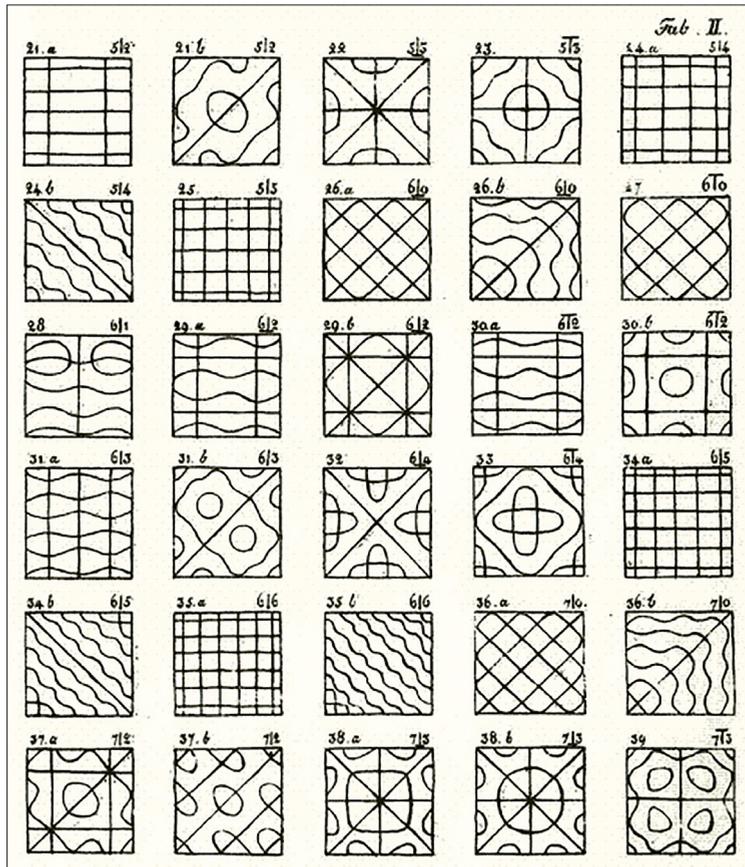
PRIMA EDIZIONE
ROMA 23 FEBBRAIO 2026

INDICE

- 7 Capitolo I
Everything is energy, waves, frequency, and vibrations. The human brain and the universe have the same logic
- 267 Capitolo II
The energy field is the only reality
- 445 Capitolo III
Vital energy rules
- 581 Capitolo IV
The conversion of energy into matter. An inquiry into the relationship between energy, consciousness and form
- 743 Capitolo V
We are quantum fields

EVERYTHING IS ENERGY, WAVES, FREQUENCY, AND VIBRATIONS

THE HUMAN BRAIN AND THE UNIVERSE HAVE THE SAME LOGIC



*To us sorcerers and sorcerer's apprentices,
We are dwarfs on the shoulders of giants.*

*To the scholars and quantum scientists
Emilio Del Giudice, Giuliano Preparata,
Getullio Talpo, Piergiorgio Spaiari, Maurizio Proietti,
and Leonardo Righini: Thank you.*

«Do not believe that your truth can be found by anyone else... more than anything else, be ashamed of this. if i were the one looking for your food, you would not be hungry enough to eat it... if i made your bed, you would not be sleepy enough to sleep in it. find your own way of being in life. what another would have done as well as you, do not do. what another would have said as well as you, do not say, or written as well as you, do not write. do not attach yourself to anything other than what you feel is present within you and nowhere else but within yourself, and make yourself, with impatience or with patience, the most indispensable of beings.»

André Gide

«No circumstance is an adventure until it becomes an adventure of the mind... It's the spirit that counts. We must be endowed with a profound curiosity for the unknown; for regions, that is, that are not our own. Above all, it is important not to take anything for granted. The wise traveler is constantly surprised. The magnificent obsession: creating an inspiring future.»

«Nothing happens unless it is first a dream.»

INTRODUCTION

The history of human thought, unlike nature, which “makes no leaps,” is punctuated by revolutions: from geocentrism to heliocentrism, from Euclidean to Einsteinian geometry, from alchemy to chemistry, from biochemistry, understood as the interpretative foundation of vital phenomena, to “quantum” physics and its disruptive consequences in medicine. From this latest revolution, new disciplines were born and developed, such as bioresonance and bioelectromagnetism, inevitably destined to characterize the new millennium in the field of health. All of this is, ultimately, a return to the ancient: we are accustomed to considering physics as an epiphenomenon of mathematics, an abstract world of numbers and formulas, but the Greek etymology of the term speaks clearly: “τὰ φυσικὰ” (tà physiká) means “natural things,” and “φύσις” (phýsis) is the Greek term with which ancient pre-Socratic scientists and philosophers referred to the primary reality, the fundamental principle of all things — nature, in fact. The progress of integrating the biochemical model with the biophysical model in the medical field today aims at the realistic goal of creating new paths for prevention, diagnosis, and therapy in various fields of application. Paths appear only apparently to be anomalies in the body’s molecular structure; they are often traced back to disturbances in the electromagnetic network controlling “molecular traffic.” Quantum medicine looks

at and intervenes precisely at the electromagnetic level, to remove the disturbance of molecular traffic itself, alongside pharmacological strategies. The concept of “quantum,” understood as the elementary particle constituting matter and energy, is due to Max Planck and dates back to 1927, when the great German physicist demonstrated that the emission or absorption of a radiation from a body occurs only through “discrete” quantities of energy, that is, “quanta”: an intuition that materialized in the wave-particle duality of matter, challenging classical theories and laying the foundation for studies by scientists such as James Clerk Maxwell, Werner Karl Heisenberg, Fritz Popp, Herbert Fröhlich, and Paul Nogier. These scholars, starting from the combination of physics, chemistry, biology, and medicine, succeeded in demonstrating the interconnection between humanity and the entire universe in a sort of “unicum,” where mutual influences are not the exception but the norm. According to classical physics, light has a wave nature, but this theory was no longer capable of interpreting luminous phenomena in all their complexity. Albert Einstein later named the “quanta” of energy (or light) “photons,” a name clearly derived from Greek, attributing to light a corpuscular nature coexisting with its wave nature. He could not fully accept quantum mechanics because it can only indicate “probabilities” of how individual particles behave, never absolute certainties. Quantum mechanics is therefore a synthesis of the wave and corpuscular aspects of elementary particles and their interactions in probabilistic terms: “probability” because two interrelated variables, such as the position of the electron and its momentum, cannot be defined simultaneously with absolute precision (“Heisenberg’s Uncertainty Principle”). The term quantum medicine refers to a new health science, in which chemistry is increasingly giving way to physics — not classical physics, of course, but “quantum” physics, which investigates life phenomena in the realm of the infinitely small. Life is matter and energy, mutually linked and mutually transformable: energy is also vibration, frequency, therefore a living being possesses energy and is characterized by the ability to absorb and emit “frequencies.” The DNA of our cells is, from this point of view, a receiver-transmitter, capable of receiving and emitting frequency signals. All cells in the organism are thus in continuous and instantaneous communication with each other, exchanging

electromagnetic messages with increasingly clear biological effects, within a true system of continuous self-regulation to maintain a dynamic balance that goes well beyond classic chemical “homeostasis,” adapting to internal and environmental changes, in a new heuristic scenario of health-disease: pathology takes on the meaning of a “disturbance” in the electromagnetic self-regulation network. Quantum medicine studies the energetic-electromagnetic aspect of physiology, to intervene at this level. In some respects, this marks the end of mechanism: we know perfectly well that “emotions” (joy, love, anxiety, anger) have significant effects on health and well-being. From the perspective of quantum medicine, this is explained by changes in the frequencies the body emits, which can be investigated and “measurable” at the frequency level, with practical consequences previously unimaginable in the scientific field. Quantum theory is the science of complex systems, founded on statistics. Applied to the life sciences, requiring parameters on highly complex networks of cells, tissues, organs, and systems in continuous interaction, quantum medicine interprets body, mind, emotions, health, and illness as part of a single interconnected network, with infinite practical implications. Modern molecular biology believes that every biological event in a living organism, including humans, arises from chemical reactions between selected molecules capable of meeting according to specific recognition codes (the genetic code is the best-known example). Chemical reactions occur sequentially, ordered according to space and time, in very short times, under enzymatic “direction.” Having a short range of action, they require very close proximity between the selected molecules; interaction could not occur if it were subject to the random encounter of molecules with their receptor molecules and a series of trial and error pairings. There must therefore necessarily exist a physical agent capable of covering vast spatial regions, recognizing specific molecules within them, allowing them, starting from distances of tens of Angstroms, to arrive “without fail” at the right place at the right time for a close chemical encounter. The only candidate for this role is the electromagnetic field, which can interact with molecules via electromagnetic frequency codes and operate over great distances at the speed of light. The existence of recognition codes between molecules necessarily implies the existence of an

“electromagnetic level” of living matter that communicates with the chemical level, ensuring that the “molecular traffic” is orderly. This also changes the concept of disease: pathology, which initially appears to be an anomaly in the body’s molecular structure, subsequently refers to a disturbance in the electromagnetic network controlling the molecular traffic. Quantum medicine intervenes on the electromagnetic level, removing the disturbance that disrupts the “molecular traffic” becomes a tool for therapy and regulation that is certainly not pharmacological but still profoundly medical. DNA is also seen in a new light. The biochemical ribbon of deoxyribonucleic acid is curled up in each cell nucleus, occupying a volume equal to one billionth of a cubic centimeter; it is about two meters long and is made up of a succession of billions of molecules that form a sequence of biochemical messages, the genes, which, numbering approximately one hundred and twenty thousand, are the carriers of the basic information of each cell. Since the human organism has approximately ten trillion cells in total, the DNA of each of us could align to form a molecular network approximately ten billion kilometers long, that is, roughly the diameter of our planetary system. The cell’s DNA constitutes the biochemical support of cellular life, but not only that: it can be likened to an electrical capacitor whose plates are made up of chains of molecules arranged parallel to each other in a symmetrical structure. The dielectric medium is made of water containing atoms of various elements such as carbon, nitrogen, oxygen, sulfur, and phosphorus. The helical chain of DNA can be compared to a solenoid whose magnetic field is on the order of one hundred billionth of a Gauss. This means that DNA has all the characteristics of an oscillating circuit and as such can receive and transmit electromagnetic waves and therefore information. This “frequency” information is transformed by DNA into biochemical code to be transmitted to other cells, even distant ones, even in other organs. Fritz Popp, who passed away in 2018, using a special device based on the use of photomultipliers, conducted fundamental research on “biophotons” that yielded extremely interesting results. Popp dedicated his studies primarily to verifying the hypothesis that cells communicate with each other through light energy, biophotons, and only secondarily with biochemical reactions. Popp’s experiment consisted of placing cell cultures in two

different glass containers placed inside a photomultiplier, a device capable of detecting an ultra-weak luminescence, equal to the light of a candle placed twenty kilometers away. Fritz Popp discovered that changes in the body's emission of biophotons are correlated with various pathologies, including cancer: in fact, carcinogenic substances can be identified precisely through their ability to modify biophoton emissions, altering the "coherence" of light quanta. According to Popp, every pathology derives from the loss of "coherent light," which takes on a precise meaning. An indicator of individual vitality. According to Popp, the number of photons emitted by a living being also appears to be somehow correlated with its position on the evolutionary scale: the more complex the organism, the lower the biophotonic emission, with frequencies approaching those of animals and plants (an average of 100 photons per square centimeter per second, with wavelengths between 200 and 800 nm, compared to 10 per second per square centimeter, primarily in the visible or far infrared spectrum, in humans). Diagnostic and therapeutic bioresonance and related instrumentation, bioelectromagnetism, geopathies, electromagnetic pollution, medical implications of the "memory of water" (water structure, coherence domains, and new hydrotherapy), thermal baths in an absolutely innovative light, ion therapy, transdermal therapies, interactions between ELF fields. (Extremely Low Frequency) and living structures, viruses, immunity and frequencies, therapeutic textile fibers, oxygen-ozone therapy are all applications of these theories. This book by Francesca Romana Fantetti, titled *Everything is energy, waves, frequency and vibrations. The human brain and the universe have the same logic*, illustrates with extreme care and skill the many aspects of this information and scientific innovations.

Piergiorgio Spaggiari
*Full Professor of Sports Medicine at the San
Raele Telematic University of Rome*

PRESENTATION

Scientific knowledge is reliable not because it can lead man to absolute certainties or answer all questions, but, on the contrary, because it is strengthened by the fact that it does not know the answer to many questions; human knowledge is always partially uncertain. The reliability of science is based on the constant questioning of knowledge, which allows us to exclude and free ourselves from errors and prejudices. Religious beliefs, on the other hand, endure thanks to an arbitrary prohibition against revoking and questioning them (“faith”), even when they are clearly inconsistent. Anaximander was the first to conceive a mechanical model of the world. He argued that the Earth floats motionless in space, without falling and without being supported by anything. For Anaximander, the Earth has the curious shape of a disk, or a short cylinder (like a “column stone”) with a height of one-third of its diameter. It was Aristotle who reported that, according to “some,” the Earth “stands still because of the equal distribution of its parts” — this was the view of Anaximander among the ancients. Science philosopher Karl Popper called this idea “one of the most courageous, most revolutionary, most portentous ideas in the history of human thought.” Anaximander’s model allowed celestial bodies to pass beneath the Earth, paving the way for the great Greek astronomy of the following centuries. According to Newton, the orbits described around the Earth

were precise, predictable elliptical paths sustained by two forces — one is the force of gravity and the other is the centrifugal force — in a balance born of a perversely precise, determined mind. But Einstein shattered and overthrew all certainties, and, although he disagreed (“God does not play dice...” he said, almost as if to avoid giving up his crucial Jewish faith), he had to yield, and so energy became “quanta,” simple numbers that determine the energy levels of matter. We mere mortals, who perceive the effects of energy, still wonder about the origin of this energy or that energy, giving it specific names. There is mechanical energy when, placing a hand on the blender, we perceive its vibrations. There is acoustic energy when the words emitted by the voice of a loved one reach our ears and are transformed into emotions. There is the energy of the wind that turns the blades of electric generators and makes sailing ships move forward and makes clouds flow across the sky. There is thermal energy, which we discover by heating things. Solar energy is the energy we feel as warmth and well-being when facing the sun. Electrical energy is what lights up our nights. Magnetic energy saves us from solar storms by deflecting deadly particles at the Earth’s poles, shooting them behind it. Atomic energy is within all things; it is the energy that encloses all other energy. It is the energy that holds matter together, the electrons bonded to the nucleus, the protons and neutrons within the nucleus. When a list of these energies was developed in the last century, the various natures of energy began to be defined. Mechanical, acoustic, and wind energy are variations of a single energy: thermal energy. Heat heats the moving air, which cools and warms, and thus wind is born. The air, which escapes modulated by our vocal cords, is mechanically compressed and rarefied by our lungs. If an object moves through the air quickly, it produces sound, producing compressions and rarefactions that our ears perceive as sound. But there are energies that humans can only deduce from effects, and these are electrical energy, which we perceive as a violent muscular stimulation if we touch it, or see it in the form of light or heat, when the electrons circulating in metals are stimulated to pass through them or substances that conduct more or less well. If they conduct well, the current generates a magnetic field; if, however, the substance prevents its passage, in addition to a magnetic field, heat is also generated, as well as light.