

THE QUANTUM NATURE OF VITALITY

The elusive nature of the essential energy of life, as a "fuel" of our organism, can finally be studied scientifically with the advent of objective monitoring instruments: the Egely Wheel, the Electronic Muscle Tester and Galvanic Skin Response instruments. These allow research into the relationship between vitality and neuromuscular responses. Vitality causes physical spin via an electric conductance anomaly; it is independent of electromagnetism and gravitation and may be an example of how energy can absorb matter at the quantum level. Vitality probably involves the release of magnetic monopoles from the universal vacuum energy by the presence of mind. A baseline quotient for vitality has been developed. By systematically mapping the pathways of vitality we can understand the central mechanisms that influence and condition our emotions as well as to rigorously show the way towards a health of happiness, away from the undesirable side effects of medicine.

Vitality can be measured objectively with a tool - the **Egely Wheel**. The energy of life providing for physical, mental performance, vitality is the basis of a "new" field of scientific research now that there is finally an instrument to measure it! With this device, anyone may check, measure and increase (through biofeedback) their own vitality quotient. Routine monitoring may help prevent illnesses and improve health in accordance with one's own personality and lifestyle. This observation implies that it is altogether important that the nature of vitality be thoroughly studied and understood for the benefit of all.

vitality causes spin

What is measured is not the transmission of heat or air, nor electromagnetism or gravitation. Dr. **George Egely**, physicist, suggests that the phenomenon is associated with the release of magnetic monopoles from the universal vacuum energy $\langle M \rangle$ *via the presence of mind*. This energy transfer and momentum causes bodies to spin. His device's design focused on optimizing the easiest rotation technically feasible so that human presence - and human intent - may trigger spin on material objects with minimal resistance. The phenomenon is, however, associated with an electric conductance anomaly: during successful rotation, an electric current is induced - about 5 to 7% above background level. Vitality meter shows repeatable effects, but not every subject may produce same results; those who can do so only when they are not tired.

boundary layer phenomenon

The way that the vitality of the human body acts on the environment (and objects, like bearings, capable of spin) external to it resembles the way that minimal residual primary energy is transferred hydrodynamically in the vicinity of a conductor by convergence, at an angle, as discussed by **Oliver Heaviside** in his *Electrical Papers* in 1887. Vitality's potential energy - only marginally interfacing with the environment as a side effect- is immense.

factors of vitality

Egely has been conducting exploratory experiments with thousands of volunteers since the mid 1980s with his wheel and with *petri* dishes in which a dye indicates the degree of rotation of water next to hands of individuals. Results show that vitality is associated with internal and external factors. Extrovert personality, easy-going attitude, rest, mental acumen, exercise, interest in the experiment,

had a chance to try it before all enhance successful outcomes. Introvert personality, pessimism, fatigue, disinterest in sports, never had a chance to try the test previously were factors in unsuccessful test outcomes (little or no rotation). External positive factors are good weather, quiet locale. Negative external factors are: bad, cold weather, noise. Weather's impact appears to be related to the mood (and mind) of the person.

With the statistical evidence so gathered, the Egely research team noted at 6 rpm in the wheel represent the baseline vitality quotient (VQ) for healthy individuals. The highest score was recorded for **Erno Rubik**, inventor of the Rubik's cube: 35 revolutions/minute, which is a vitality quotient of about 600%. Other researchers observe that meditation, visualization, prayer and simple lucid thinking can increase the VQ 5-6 fold on a real-time basis.

bio-electrodynamics of scalars

The body may have enormous EM fields in its cell membranes, even at very low potential (voltage). A millivolt potential, e.g., may be dropped across a 10^{-9} distance between the last atom in the membrane and the first atom in the adjacent fluid. That gives an electric (E) field of 1 million volts per meter! *Any change* in the internal make-up of that little "weak" millivolt, in that tremendous E-field, *results in enormous, amplified changes to its internal electrodynamic structure*, giving rise to an enormous set of bi-directional EM longitudinal waves, and in consequence, scalar potentials. The longitudinal EM waves are never "pure" in nature, but always with a bit of "transverse EM wave residue".

Because their "propagation" is independent of electric permittivity and magnetic permeability (linked to the speed of light), scalar information is not limited by the speed of light. We probably live in a universe full of information fields not yet detected by instrumentation. Biological systems are highly non-linear and can interact with, and detect, scalars. Because all "matter" is an electromagnetic phenomenon, there is an interaction through the scalar fields.

scalars / mind / DNA connection

Various experiments by **Glen Rein** show how subtle energies and scalars resonate with, and change DNA. A new "toroidal" tertiary condensate structure has been recently observed by electron microscopy. The function of the toroidal DNA is not fully investigated but it is proposed by Glen Rein that such DNA serve as antenna for non-Hertzian/longitudinal and other "non-classical" energy fields. The rationale is that toroidal shapes is an integral part of the mathematical twistor topology, and hence a bridge between higher dimensional spaces and the conventional 4-dimension of space and time, as proposed by **W. C. Gough** and **R. L. Shacklett**. Rein notes that the toroid is composed of the catenoid, the shape of **J. A. Wheeler's** wormhole - the shape that allows an influx of dimensional energy, as reported in his 1962 classic, ***Geometrodynamics***.

The toroidal form of DNA reabsorbs the physical body into the subtle (energy) body, and then into even higher vibrational/subtler bodies, providing a relationship mode between energy and matter. The toroidal-like DNA is considered by specialists to be in a high-energy state: the molecule is under a superhelical stress - in a "natural" form in the living cells - ready for replication and transcription. The DNA toroidal ring is therefore a prerequisite for a variety of other shapes; it's stress and energetics are what permits launching into the Z DNA structure or into what are called cruciforms and junctions.

Ever since **R. G. Jahn** demonstrated that the body functions at the quantum level, the notion of energy absorbing matter - assimilation - need not appear so contradictory to the contrary and prevailing thesis that only matter can absorb energy. Subtle energies, including those associated with consciousness (intent, for example) can either wind or unwind DNA, as measured by ultraviolet absorption spectroscopy. Here energy can actually absorb matter, leading it to a "higher order structure."

Thanks to instruments such as the *Egely Wheel*, such absorption of energy by the DNA - including transfer of energy associated with consciousness processes - can result in measurable effects in the health and the vitality of cells as well as of the physical body. A way has emerged for the systematic, objective, real-time study of cellular consciousness.