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## **Morphic Field and Zeitgeist**

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We, humans dislike the idea of being treated like unconscious particles, but when we are part of a large group we behave exactly like an ordinary particle. A good example is the behavior of a person watching a sportive event. If that person is a fanatic supporter of a certain team, he/she will follow the reactions of the group; when the team scores all supporters will cheer in unison. Such a sudden energy surge happens at a critical point and the sudden change of behavior can be defined as a Quantum Jump.

On the personal level each individual is like an electron revolving around a nucleus. The nucleus acts as an attractive center and keeps the electron on a given orbit. When the electron is hit by another electron or an energetic photon, it jumps from its orbital to a new one having a higher energy level. But its new position does not last long. The electron returns immediately to its original orbital by ejecting a photon having exactly the same energy as it had initially received.

This example tells us that there is a striking similarity in behavior between the microscopic world of Atoms or sub-atomic particles and the macroscopic world of humans. Atoms and molecules vibrate, glide or move freely depending on their energy level. Exactly the same can be said for humans depending on the energy level of the community in which they inhabit. The energy of the community influences the individual and in some cases the individual can influence the entire community. This happens when a single charismatic leader transforms the social and political system of the country. Such a change in the energy level happens when the social conditions have reached a certain critical point. In such a situation the whole community becomes excited and this excitation can be observed in each individual.

This situation is known as the "**Hundredth Monkey Effect**". The Hundredth Monkey Effect is a mimicked behavior which spreads instantaneously from one group to all related

individuals of the group once a critical number is reached. This act of resembling, of expression and of presentation of the self is both, observational and conscious as well as spiritual and unconscious. The philosophical term of such a behavior is called "**mimesis**" and is used in relation with the concepts of beauty, truth and good. None of these concepts are purely physical and therefore contain a strong spiritual link. Mimesis can be defined as the instantaneous and spiritual spreading of an idea or ability to the remainder of the population once a certain portion of that population has heard of the new idea or learned the new ability.

Such a sudden change in behavior can also be explained with the **Morphic Field** concept (M-Field) of Rupert Sheldrake. The Morphic Field theory claims that developing organisms are shaped by fields acting upon systems and creating organization. Such fields restrict, or impose order upon, the inherent indeterminism of the systems under their influence. In fact these fields are very similar or even identical to the T-Fields of my theory of the universe (see Article 7, **The Tachyphoton**, under Science).

Morphic resonance should be detectable in the realms of physics, chemistry, biology, animal behavior, psychology, and the social sciences. Thus both non-living systems such as quartz crystals, and insulin molecules and also animal as well as human populations are governed by such organizing Morphic fields. These fields contain an inherent symmetry and are governed by the law of **Negentropy**. Negentropy, meaning "negative entropy" was coined by the French physicist Léon Brillouin. In classical thermodynamics, the second law defines the concept of **Entropy** as a measure of "*internal disorder*" and is synonymous with "equilibrium". Because the entropy of a closed system remains stable when thermodynamic equilibrium is reached. In statistical mechanics negentropy is defined from information theory and is known as the **Shannon Entropy**.

Thus, internal organization connected to the Morphic Field and defined as the Shannon Negentropy is observed as a sudden change of the energy level of the system under consideration. In Quantum Physics we call such a stable new level of energy a **Quantum Excited State**. Such excited states happen at a critical moment and quite instantaneously. Albert Einstein found the idea of "**spooky action at a distance**" deeply distasteful, but his worst fears have come true. Recent experimental evidence shows that these connections lie at the heart of physics and could be induced by the T-Field of the Tachyphoton, or equivalently by the M-Field postulated by R. Sheldrake.

At the level of human behavior we can claim that such excited states are both physical and also spiritual. An artist, for example, may suddenly experience a sudden energy burst and create a marvelous work of art. He himself cannot explain the source of that energy, but it may quite possibly be the "spirit of his time" or the "zeitgeist" as the concept came to be popularized nowadays. **Zeitgeist** is a loanword from German *Zeit* – "time" and *Geist* – "spirit" meaning the general cultural, intellectual, ethical, spiritual, or political climate within a nation or even a specific group, resulting from the general socio-cultural direction, and mood associated with an era. It implies that at any given time and region a certain social excited state will exist and affect all individuals of the society. This is what is called in general "**The Cultural Climate**" or "**Energy Level**" of the society.