

# What Can We Learn From the Water Crystals

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**Abstract:** - A Japanese Scientist, Dr. Masaru Emoto, was puzzled by the phenomena that different spring water exhibits different healing power. He thought: “How can we tell the difference between these spring water?” One Christmas, he took his wife to do shopping and it started to snow. He thought the snow was very beautiful, therefore started to take some pictures of his wife in the snow. While gazing at the snowflakes he suddenly had an inspiration: maybe the nature of water can be examined by allowing the water to form water crystals. His experiments on studying different water under different conditions led to some most amazing findings, which challenges some fundamental assumptions we have been holding in our current scientific paradigm.

**Key-Words:** - water crystal; mind, body, spirit, science, scientist

## 1 Introduction

Japanese Scientist Dr. Masaru Emoto tested the reaction of water to music, written words, shapes of flowers, and human intention, by observing the shapes of the water crystals formed by the tested water at  $-5^{\circ}\text{C}$ . These experiments revealed that water exhibits the nature of a living entity, which can decipher the meaning of music, words (either written or verbal), and mind intent.

## 2 Problem Formulation

The conventional science of modern time is based upon the hypothesis that we can learn the law of our physical world, by examining the composition of the physical objects of our interest. Use water as an example, modern science considers water to be a matter made of water molecules. Similarly, the human body is considered to be made of molecules, most of which are in fact water molecules. No human being would deny that he is alive. But most scientists may have trouble to acknowledge that each of the molecules in the human body is also alive. The current mainstream scientific hypothesis regarding the liveliness of a human body is the followings: human body is like a machine made of molecules. The machine is driven by a mind, which is a product of the brain, which instructs the body to carry out actions. In this hypothesis, the physical body and the molecules that make up the physical body are considered to be mechanical entities devoid

of mind or spirit. Is this true? This paper provides some evidences that call for an alternative hypothesis.

## 3 Problem Solution

### 3.1. Experimental Procedure:

While in a laboratory set to  $-5^{\circ}\text{C}$ , an experimenter takes out a glass container from a refrigerator and quickly puts it under a microscope which has a camera mounted to it. A drop of water that has been exposed to a unique mind-intent, or a language, or a form of music, or a word, or a physical factor is placed in the container, which becomes frozen and form a small ice hummock. When the light from the microscope shines on it, it causes the ice to start to melt. At the top of the ice hummock, a water crystal is quickly formed which can only survive for a few seconds. The biggest challenge for the experimenters is to focus the camera rapidly enough to capture the beautiful image.

### 3.2. Test the effect of music

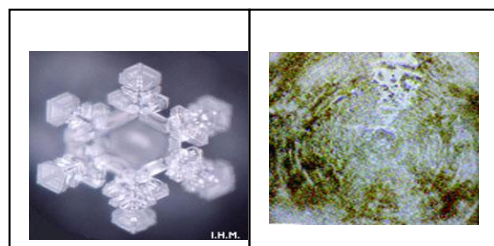


Fig. 1

In Figure 1, the left panel shows the water crystal from water exposed to the Song Entitled, “Silent Night”, while the right panel shows the crystal from water exposed to heavy metal music.

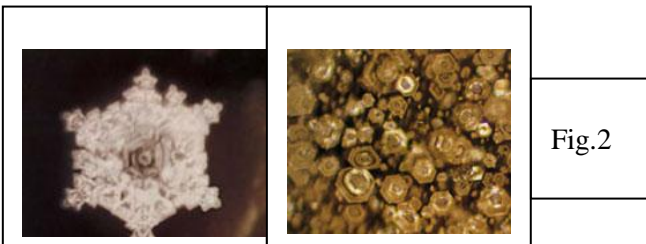


Fig.2

In Figure 2, the left panel shows the crystal from water exposed to Beethoven’s “Pastorale”, one of Beethoven’s best-known symphonies. It is a bright, novel and joyous piece. This beautiful crystal supports the fact that good music positively affects water. The right panel shows the crystal formed by water exposed to Chopin’s “Farewell Song”. The magnifying power of the microscope is the same as it was in the right photo. The basic crystal shape is almost perfectly divided into smaller parts. Since the song is about separation, this unusual change makes one wonder whether this is the manifestation of the emotional state transmitted from this song. The above four pictures are only representatives of a large collection of experiments on the impact of music on water crystal formation. The data suggest that water has the ability to interpret the differences among different music and the shape of the crystals manifest some fundamental qualities about the music. Such qualities can be directly perceived by an observer and can be correlated well with the quality of the music an observer can relate to. The author’s interpretation is: the energy state of different music was received and memorized by water and such a memory can be detected under a condition when the temperature is reduced. In biology, when we want to learn about the structure of a protein, we also reduced the temperature of the molecule such that crystals are formed and the structure of the proteins were then detected through shining the X-ray onto the crystal. Therefore the authors propose to do similar experiments on purified proteins during the process of crystallization of proteins and test whether protein molecules also exhibit sensitivity towards different types of music. If so, proteins are also as alive as water molecules.

### 3.2. Test the effect of written words

The effect of written words on water was also tested.

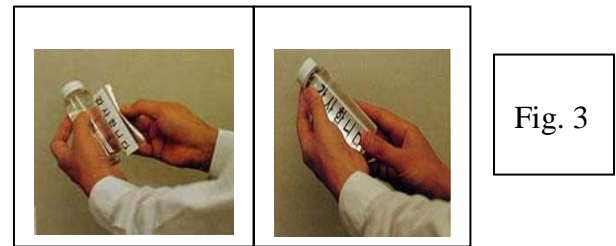


Fig. 3

Figure 3 illustrates how the experiment was done. Two water bottles, one labeled with kind words: “Love and Gratitude” and the other with harsh words “You Make Me Sick. I Will Kill You”. The data is illustrated in Figure 4, left panel with the kind words and right panel with the harsh words.

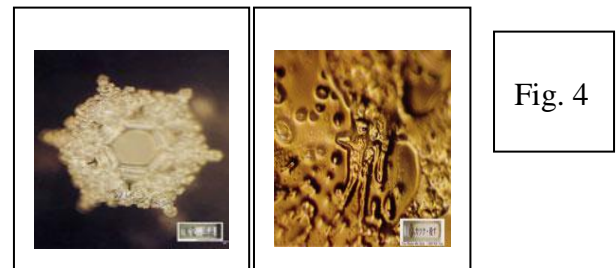


Fig. 4

The results illustrated the disruptive effect of the harsh words, in direct contrast to what the effect of the kind words. It suggests also that messy physical manifestation corresponds to negative emotion-associated energy, while organized symmetric physical manifestation corresponds to positive emotion-associated energy. If the water crystal corresponds to one’s physical body, then the emotional state directly determines the beauty or ugliness of the physical body, at this microscopic state. This data provides some new insight to the mind/body interaction, since conventional understanding on mind/body interaction is regarding how brain activities regulates the body, but here is an example of a more direct and immediate interaction between mind and body. We could take step further to propose that the body is only a manifestation of the mind at the physical dimension.

### 3.3. Test the effect of the Magnetic waves and the protective effects of kind words

In this series of studies, Dr. Emoto tested the effect of the magnetic waves associated with the television

By placing two water bottles in close proximity to the television, as illustrated in Figure 5.



Fig. 5

The left bottle was not labeled with any words, while the right bottle was labeled with the kind words: “Love, gratitude”. The water crystals that correspond to these two bottles are shown in Figure 6, left panel with no words while the right panel with kind words.

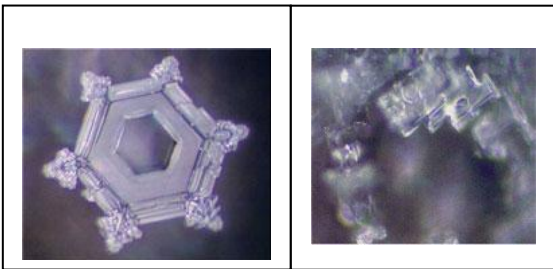


Fig. 6

The data suggests that the magnetic waves associated with the television exert a disruptive effect on the ability of the water to form crystals, while such an effect was protected by the kind words. Since magnetic wave is a form of energy existence, this data suggests that the kind words also are associated with some form of energy that exhibits the ability to restrain the energy associated with the magnetic waves from the television.

### 3.5. The ability of water crystals to manifest the information of shapes

The following sets of experiments demonstrated that shapes are interpreted and manifested by water. Water was exposed to two types of flowers with different shapes and the crystals are shown in Figure 7: left panel shows the comparison of the shapes of the water crystals forms from water exposed to the chamomile flower while the right panel shows the crystals formed from water exposed to the fennel flower.



Fig 7A. Left: Chamomile used; Right: Water crystals from the exposed water

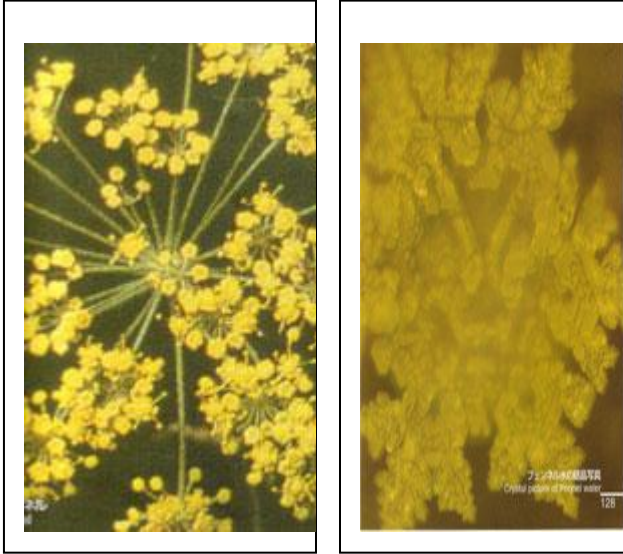


Fig 7B. Left: Fennel flower used; Right: water crystals formed from the exposed water

These images suggest that water crystals have simulated the shape of flowers to which water was exposed therefore the water exhibits the ability to receive and express the information from the shape of the flowers. How do these experiment relate to the other experiments on music, words and television? Since all the experiments are being interpreted upon the shapes of the water crystals, an alternative interpretation for the data on the effect of music and words is that music and words have corresponding shapes at a plane of subtle energy sensed by or transmitted to water.

The authors therefore propose that the human concept of “music”, “words”, “shape” is caused by our physical sensory organs which detect different aspects of the existence of the very same object, whose true nature most times are hidden from the physical sensory organs, but can be sensed by water and manifested into this physical dimension when the motion of water molecules is limited upon the reduction of the temperature. An analogue for this hypothesis is the following: The many motions in the practice of Tai Ji, in fact is derived from one single core motion. So every existence, if stable, consists of a core motion, which manifests into a specific shape of the water crystal under low temperature, but manifests into the form-less water liquid to our eyes at the higher temperature. Such a core motion is behind every sound, shape and word. Water could be the most sensitive mater in the physical world to directly manifest such a core motion for every live form. The authors therefore also propose that every manifestation detected by our sensory organs correspond to a living entity. Therefore, behind every piece of music, every word, every shape, there is an existence of a life. The stability and beauty of each life appears to be associated with a state of human mind, which we called kindness. Thus, the concept of spirituality in fact could be the core of science, if every physical object for science to study in fact is only the manifestation of a corresponding core motion, which has been referring to as “spirit” by those who sensed its existence.

### 3.5. Experiments on how human consciousness can impact on water crystal formation

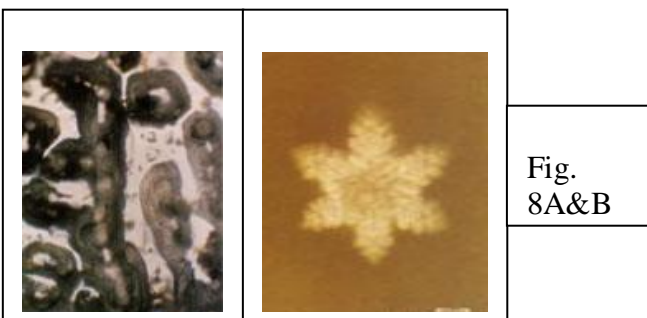


Fig. 8A&B

The first experiment was carried out by Dr. Emoto to monitor the impact of human fear, anxiety, love and kind wishes on water crystal formation after the Hanshin-Awaji earthquake. Figure 8A and 8B show the result of this experiment: tap water was taken from Kobe shortly after the earthquake (Fig. 8A, left panel) and three months after the earthquake (Fig. 8B, right panel). In his report Dr. Emoto describes: “ On January 17, 1995, Three days after the Great Hanshin-Awaji Earthquake happened in Kobe area, we took pictures of the crystals found in the tap water in Kobe (that was available at that time). It is as if the water captured the fear, panic and deep sorrow of the people immediately after the earthquake. The crystals were completely destroyed. It was a picture that made people shudder. We even felt that we could not make this public because of its extreme misery. However, three months after that...Helping hands and sympathy from all over the world were given to the people in Kobe. This crystal seems to have expressed the feelings of concern and best wishes.” Another consciousness experiment was undertaken with tap water collected from Shinagawa, Tokyo.

In this experiment the experimenter sent letters to 500 HADO instructors from around the whole country of Japan (graduates of the HADO study) to ask them to cooperate. He instructed them: “At 2:00PM on February 2, 1997, I will leave a cup containing the tap water of Shinagawa-ku on the table in my office. Please transmit your feelings to that water at the same time from all over Japan. Of course, for this water to become clean water, please send ‘Qi and Soul of Love’ and the wish that the water should become clean. Thank you very much.” Dr. Emoto reported, “Of course, no physical change was made. We had not expected it but were able to obtain a clear change in the condition of the water. All of the staff were so moved that they were almost ready to cry.” The pictures from this experiment is shown below:



Fig. 9

The left panel shows the water crystal formed from the tap water taken the day before “Qi, Soul and Spirit of Love” was requested to be sent; the right panel shows the water crystal formed from the tap water after accepting “Qi, Soul and Spirit of Love” sent from 500 people. Dr. Emoto concluded: “We started to feel that peoples’ thoughts could be gathered regardless of how far apart they are.”

In recent years, there have been several reports on the effect of prayer on healing (1-4). These experiments demonstrate that the energy associated with human thoughts can affect water through a long distance. More than 70% of human body is made of water. Thus, it is reasonable to think that such an impact on water could significantly alter the activities of cells and molecules as well. This could be the molecular mechanism for the effectiveness of prayer on healing. Future experiments should be carried out to directly test this hypothesis.

#### **4 Conclusion**

The data from the experiments carried out by Dr. Emoto and his colleagues on water crystal formation suggest that the mere study of the physical compositions of a physical object is not sufficient for a complete understanding of our physical world. Current life sciences are challenged by the realization of human uniqueness at all levels of biology and medicine. The mechanical view of human body as a molecular machine operated by the brain has directed modern medicine to take the path of finding mechanical cures for diseases and therefore also a mechanical attitude towards life in general. The experiments on water crystal formation demonstrated that the many forms of communication signals human being has developed, such as music and words, are likely associated with subtle energy forms that are currently not detectable by the most sensitive instruments, but can be sensed by water. Human body is mostly made of water. The water with the same physical composition at the molecular level can be totally different at more microcosmic level. If so, we can also predict that many drugs, which can influence human body at the molecular level, may not be able to correct the problems at the more microcosmic level. These experiments also brought a very sensitive issue to the frontier of life science research: can we learn anything at all, if we ignore spirituality when we study life phenomena? If all physical forms are mere manifestations of a more microcosmic existence, which we may call “spirit”, the future of life sciences should take a fresh start and fully incorporate morality and spirituality into the paradigm of science (5).

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- [5] X5. The author suggests that an ancient cultivation practice, Falun Dafa, holds profound teachings regarding water and interested readers can contact:  
[www.thewholeelephant.org](http://www.thewholeelephant.org) for more information. Most of the Figures from this paper are derived from many articles published on  
[www.pureinsight.org](http://www.pureinsight.org).