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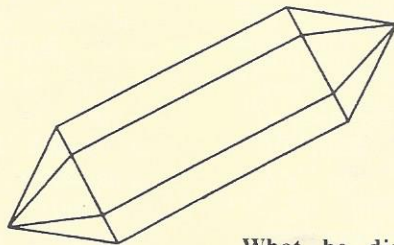
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VOL. 2 NO. 3**JULY - AUGUST 1993

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QUARTZ CRYSTALS: SPIRALS OF LIGHT 1

by
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Quartz crystal, silicon dioxide, has been used throughout the ages and in many traditions as a therapeutic tool for healing and meditation. The word "crystal" is derived from the Greek word "krystallos", meaning frozen light. A quartz crystal is the final stepdown of high level Light. As are we, the crystal is modulated through many levels or dimensions of consciousness before taking physical form.

The energetic preform to physical crystalline growth has been seen via the microscope and photographed by the late Dr. Marcel Vogel, crystallographer, mystic, and former senior at IBM's research and design facilities in San Jose, CA. Dr. Vogel was responsible for creating the magnetic coating still in use in all of IBM's hard drive computer systems.

What he discovered was that a flash of light precedes the physical precipitation of a crystal into form. This is key. It is not only that matter radiates a light that we call the aura, but that *matter is a precipitate of light.*

It is the forming aspect of Light that creates the highly ordered array of silicon dioxide molecules and directs them into the hexagonal form of the crystal with which we are all familiar. Quartz is a manifestation of Light, thereby enabling access to the complete multi-dimensional spectrum of energies of its origins. The physical form of the crystal is an archetypal image manifest from the virtual state. It is based on a most universal pattern of life - the tetrahedron.

A crystal is a systematic, orderly, and repeating pattern of energies that is a precipitate of Light. Should the crystalline preform be altered, in any way, the physical form of the crystal will be altered.

Quartz grows over a period of many, many years allowing the full spectrum of the Clear Light to suffuse the crystal. Beginning deep within the womb of the earth, a hot vapor or solution of silicon dioxide will begin to crystallize as the area in which it exists cools. As cooling proceeds, a unit cell (sometimes called a seed cell) of quartz will adhere to a silica based matrix (eg. granite or sandstone) and begin to grow by accretion. This unit cell is a tetrahedron composed of four atoms of oxygen and one atom of silicon. It is the oxygen atom that forms the angles of the tetrahedron while the silicon atom floats within the center of this geometric configuration.

The primary, or initial, unit cell accretes to it other unit cells with the oxygen atoms linking together trillions of tetrahedron shaped cells spiralling to the left or right, sometimes in both directions, creating layers upon layer until the completed crystal comes into being.

Within the initial unit cell is all the information needed to generate the ultimate form of the crystal. The unit cells are unit cells of consciousness that evolve, through form, into the hexagonal or six sided form or shape we see as a quartz crystal. Unless faceted, the external form of the crystal tends to reflect the internal form. As within, so without; as above, so below. The matrix or interior of the crystal is highly ordered and stable, however. In an uncut quartz, however, this external form tends to become

rather distorted by external influences thereby reducing its efficacy for precision energywork. We have found that hand faceted quartz, cut into a perfect, balanced and symmetrical shape, maintains the greatest integrity of information or charge.

Quartz always crystallizes in a hexagonal form with certain angles and axes or lines of force. Quartz crystal has four axes. Three of these are arranged in a transverse plane at 120° to each other and are called the "X", "Y", and "Z" axes. Penetrating through the center and perpendicular to these three is the "C" or growth axis. Usually this axis will run right through the center of the crystal from the base to the tip.

Each quartz crystal has six sides with the relationship between these faces called the law of constancy of interfacial angles. This law states that the angles between adjacent corresponding faces in any given crystal are the same for every crystal of its mineral type. In quartz this angle is 120° . The angle between each body face and its corresponding termination is 141° . If a right angle is subtracted from the body to the termination angle of the crystal, the remaining angle is 51° ($141^{\circ} - 90^{\circ}$). This angle is virtually the same as the Khufu pyramid in Egypt. Quartz crystal demonstrates pyramidal energy dynamics.

Like everything else, crystals vibrate, and they can be said to have their own frequency or note. Due to

its highly organized composition, the crystal maintains a regular and consistent vibration. Each tetrahedron unit cell of silicon dioxide oscillates at the same primary frequency, inducing a profound rhythm entrainment. Once set into motion, this system requires a minimum amount of energy to maintain its vibration. It becomes a phase-locked resonant system.

The vibration generated by an appropriately charged crystal can be used as an adjunct in meditation to amplify and cohere the energy fields within and around the body. We can attune to the frequency and access the information available at that frequency or level of consciousness. This is very similar to tuning in to a particular frequency band with a radio. Once we do this we have access to the information being transmitted. When we use a crystal in this way it is functioning as a resonant oscillator.

It can be helpful to think of the interior of the crystal as being primarily space rather than matter. The patterning of the trillions of molecules is a template of Light that forms an energetic configuration around the crystalline space. Invisible lines of force created a form with which the energies of mind can be patterned, stored, amplified, cohered, and transmitted.

The crystal matrix is very highly ordered and stable, preventing the information that is projected into it through the mind of a user from being distorted. The greater the symmetry of

the external geometry of the crystal, the greater will be its capability to maintain the integrity of the information programmed into it. The integrity and coherence of information will be maintained most easily by a crystal faceted into a precise symmetrical shape.

The program placed within a crystal is only as reliable as the precision of the programmer's coding, and is as accessible as the user's abilities to retrieve it. The mind, in resonance with the crystal, tends to become more focused and stable as the energetic entrainment penetrates more deeply into one's being. One will tend to become entrained with whatever information or frequencies that the crystal is maintaining.

In order for an object to maintain information, an orderly internal patterning and appropriate internal geometric spacing is necessary. Crystalline quartz meets these requirements and consequently has the capacity to store information or charge. A quartz crystal will store information as patterned thought in much the same way as a computer disk will store information as bits. This charge transfer is effected through the power of focused thought projected by the mind of the user, via the vehicle of breath, to the crystal.

It has been speculated that the light or electro-magnetic energy projected by mind into the crystal interacts with the crystalline matrix which causes it to move in a spiral

and become circularly polarized, creating a small EMF (electro-magnetic force). When light becomes curved, its electric and magnetic components vibrate in and out of the circle of rotation rather than up and down, as is usually the case with the straight movement of light. Normally, in the movement of light, the up and down vibrations are equal and cancel each other out with the result that there is no charge created. With circularly polarized light, the oscillations of the light created a charge differential: the outward vibration becomes greater than the inward vibration. This energy is patterned by the crystal and can be utilized by the healer or meditator as is appropriate.

The charge induced in a crystal can be readily transferred to water, to another crystal, to self, or to another individual. The crystal can also be used as an interdimensional communication device. These operations have been found to be more effective with the use of specially faceted crystals known as Vogel-cut_{tm} crystals, named after their creator, Dr. Marcel Vogel, than with uncut quartz crystals.

Quartz has been found to be able to store, amplify, and transmit an energetic impulse. In an appropriately faceted crystal, this energy can also be made coherent. Unfaceted crystal, as naturally occurs, does not demonstrate a cohering ability.

The amplification process in a crystal tends to occur in the body of the crystal resulting in the emission of a spiralling stream of light from

the tip. In a Vogel-cut_{tm} crystal this light is quite coherent and maintains its integrity. Such is not the case with uncut crystal.

It is speculated that the amplification by the crystal occurs through various means. As energy enters a crystal there is a shift in acceleration that occurs. The energy can accelerate or decelerate depending upon its dimension of origin. As energy initiated from a higher dimension is stepped down, energy from a lower dimension will be stepped up. This is the ability of the crystal to transduce an energy or farce.

As the energy pulsed into the crystal rotates along the line of the spiralling pattern of the quartz unit cells, there will also be an internal reflection of this energy at discrete angles (the interfacial angles). When an intense coherent light is focused through a crystal with specific angles, such as the Vogel-cut_{tm} crystal, the energy becomes increased rather than decreased.

Some researchers maintain that when an intensely focused energy is stored in a crystal, it creates a pumping action in a large percentage of the atoms resulting in a higher quantum state called a "population inversion". The source of the intensely focused energy can be a laser or maser, sound, or higher consciousness. The potential linking lasers and crystals for healing, information storage is quite profound!

Quartz crystal also demonstrates what is known as the piezo-electric effect. This means that if mechanical pressure is applied to quartz, a minute electrical charge will be generated on its surface. The layers of silicon dioxide forming the crystal are stacked like hexagonal plates. When pressure is applied these "plates" are rotated or vibrated, causing electrons within the outer electron shells of the SiO_2 molecules to be displaced. The result is that a small and palpable electrical charge is built up on the surface of the crystal.

You can experience this charge by rubbing the surface of a crystal with your thumb. Very soon you are likely to feel the surface of the crystal become somewhat "sticky". A resistance is built up by the small electrical charge on the surface. Sometimes the charge will be enough to cause an audible squeaking sound to occur as you continue to rub the crystal. Another crystal that will demonstrate this property to an even greater degree is tourmaline.

The converse is also true. If you apply an electrical charge to quartz it will begin to vibrate. In some cases you might even hear a tone being emitted from the crystal!

It is important to understand that it takes very little energetic input to effect the energy fields of a person. This is referred to as the sensitive dependency on initial conditions in chaos theory. A dynamic known as the Butterfly Effect suggests that the

flight of a butterfly through the skies in China might have a dramatic effect on the weather conditions in New York. If this is so, then it may be that the small charge induced through the piezo-electric stimulation of a crystal is sufficient to effect a change within the crystalline matrix and from here to a chosen destination. To a certain extent, subtle changes that are developed in a hand held crystal stimulate sensors in the fingers called pacinian corpuscles which effect the nervous system and in turn the subtle energy field.

For the most part, however, when working with crystals, the energy being accessed is much more subtle than than an electric or magnetic force. Attempting to explain the effects of crystals exclusively through concepts of traditional electromagnetics does not really address the issue. The charge present in crystal when measured with an instrument called a milli-gaussmeter is rather negligible, being somewhere in the area of .05 milli-gauss. Based on the concept of the Butterfly Effect, this may indeed be enough to create some of the outcomes we have seen in working with crystals, but it might be more productive to look at the idea of the tachyon energies and the physics of virtual state for a more plausible model.

One speculation as to the force utilized in crystal energywork is the scalar. The term "scalar" is bandied about by many in the field of subtle energies without clear definition.

Although not being an authority in this area, I can offer an understanding, however incomplete,

Traditionally in physics when a group of forces sum to zero, the actual force is considered to be zero, or non-existent. However, this may not be the case. This zero point may be derived from a multitude of forces whose sum is zero, but whose potential is much greater.

We can sum to zero in many ways: $2 - 2 = 0$; $4 - 5 + 1 = 0$; $8 - 8 = 0$; Each of these equations sum to zero, yet each component (other than the zero) is different. If each of the numbers represents a force, we can see that small or profound forces may be quite quite active in the potential or virtual state, yet their effect seems to be zero or no effect. If one accesses and alters the components (so-called scalar, tachyon, or zero-point energies) rather than only paying attention to the apparent resultant, a great source of energy becomes readily available with little effort.

In a sense, a quartz crystal could be viewed as a multi-dimensional piezo-electric matrix. There is, separating each dimension of consciousness, a kind of semi-permeable membrane, each with its own charge potential and threshold. When this charge threshold is reached or surpassed, there is an information transfer that occurs through the membrane. Accessing and penetrating through these barriers via what one might call a doorway has been known for centuries

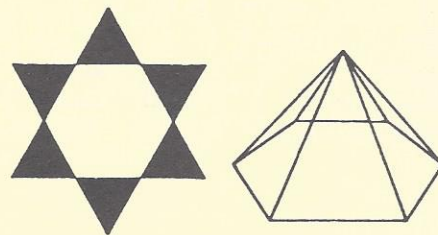
in most shamanic traditions. In the Native American tradition such inter-dimensional gateways are known as *sipapus* (see-pa-pu).

It is probable that the greater the coherency of the energetic stimulus (lasered light or consciousness), the greater the charge generated. This energy can be modulated to the discrete charge required for the particular dimensional access sought.

We can see, then, that the crystal, on a purely physical level, is an energetic transducer. It will convert energy from one form to another: pressure to electrical charge, electrical charge to oscillation, heat to an electrical charge, electrical charge to heat, and even pressure or impact to light.

When quartz is impacted, it will emit a visible spark of light. The flash of light resulting from this impact is called triboluminescence. It is not an electric phenomena but a luminescence, as is the light emitted from the cells of our body. Luminescence is a cold light, the type we can see in glow worms and fire flies. The light in most our lamps is an incandescence, a hot light resulting from the burning of a filament.

Luminescence is the Light of the Soul. It is the record and information of Spirit's experience in form.





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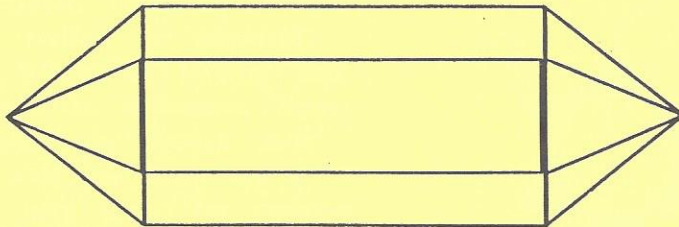
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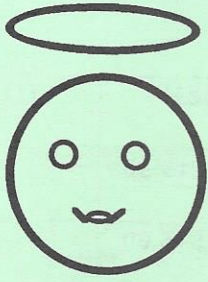
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Special orders for over-sized crystals are also available upon approval. Because the quality of quartz that we use is increasingly difficult to obtain, please expect 8 to 16 weeks for the delivery of your custom cut crystal. We make every effort to expedite your order.

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It is recommended that you attend a workshop with a certified Instructor. Contact LIFESTREAM ASSOCIATES for information about workshops and seminars. If this is not possible you might consider purchasing the video tapes of Dr. Marcel Vogel demonstrating the use of the crystals: VT101 and VT102. See tape descriptions for details regarding contents of the tapes. In addition there are numerous other audio cassettes available of both Dr. Vogel and Ron Carson (Rumi Da) offering instruction on the use of the crystals as well as other interesting and informative topics.





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