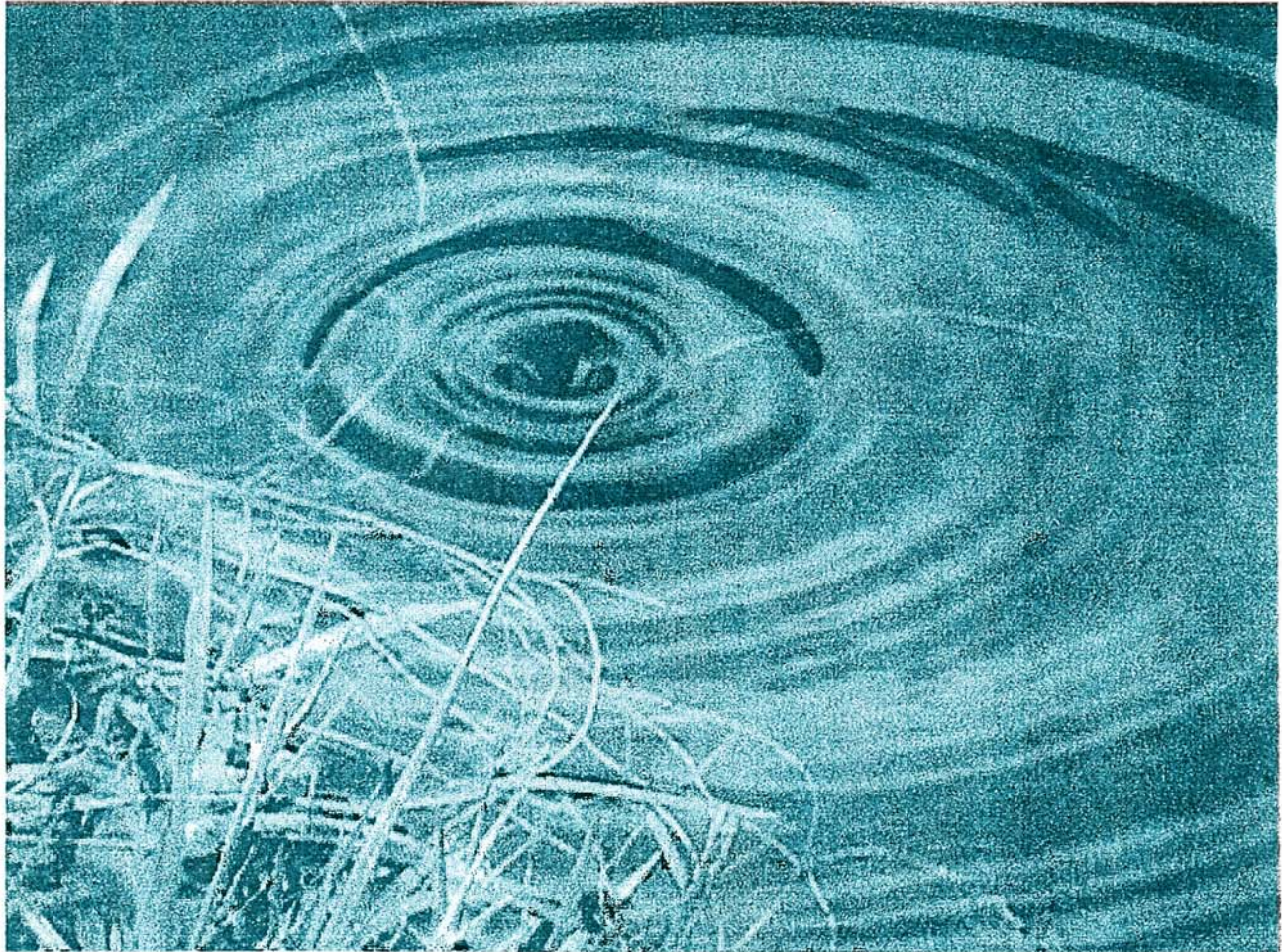


# Sound and Spirit

RT-SSI-11



# Vibrations

compiled by Christina Tourin

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a compilation by Christina Tourin

## A Note

The material that is presented in this compilation comes primarily from an Ancient Mystery School and from modern science. It is presented to you for the sole purpose of helping you to understand the power of vibrations - those of Sound and of Spirit in our work as Harp Practitioners. By understanding the relationship and nature of all vibrational energies, we then can understand how everything from matter (rocks, wood, etc.), odors, flavors, sounds, ultrasounds, radio waves, microwaves, infrared rays, visible colors, ultraviolet rays, X-rays, gamma rays, and cosmic rays are truly interconnected.

I share this information through sacred sources and ask that you not reproduce it but study it for your own understanding and transmit to others through your own special divine voices.

Sincerely,

*Christina*



## UNDERSTANDING THE METAPHYSICAL WORLD THROUGH OUR PHYSICAL ENVIRONMENT

It is important to study and understand the laws governing the whole of material creation - both organic and inorganic in order to understand the metaphysical world. Humans live permanently in contact with matter because it is necessary for our evolution. To state the contrary would come down to saying that the Universal Intelligence conceived and then created something that was unnecessary or even useless. From all evidence, everything existing on the physical plane has its reason for being and is necessary.

In mystery schools, students are taught that the material world owes its existence to a universal energy which we can call Spirit. We will look at how these laws and principles manifest, not only in material substances, but also in the apparent space that separates them.

Because some of the following material comes from teachings of a Mystery school, many of today's scientists are still unaware of some of these laws - notably on the subject of spirit vibrations. You are invited to approach these laws with a mental attitude as open as possible.

By starting from the principle that all forms of matter owe their existence to a single energy, it follows that they vary only in their appearance, and that this diversification arises simply because they contain differing quantities of the energy. Thus, it can be said that if Spirit were to manifest itself identically in all material substances, we would be absolutely incapable of distinguishing one thing from another. In other words, wood, stone, glass, steel, etc., would manifest in exactly the same way to our objective faculties. Consequently, everything forming part of our environment would appear to be a perfect unity, in the image of its cosmic source. As we well know, we live in a multiplicity of phenomena and, because of that fact, we must recognize that spirit energy does not manifest in the same way in all material substances. The question then arises: Why does this single energy give birth to so many different manifestations on the material plane?

**SPIRIT VIBRATIONS:** Let's consider the nature of Spirit. You know that it is a vibratory energy - that is to say, an energy composed of vibrations. But what is a vibration?

### VIBRATION

For physicists, all vibration is a propagation of waves having a rhythm characterized by a constant or variable frequency, length, and amplitude. (See example 1.)

Let us use the analogy of a stone thrown into a pool of water to illustrate this matter. As soon as the stone touches the water's surface, it produces waves which spread out in concentric circles from the point of impact. In this particular case, the *frequency* of propagation is the number of waves that reach the bank of the pool within a second. The *length* of a wave is equivalent to the distance that separates two successive waves. And the *amplitude* corresponds to the height of each wave.

The farther away the waves are from the point of the impact, the fewer they will be in number. They will also be farther apart and lower in height. To convince yourself of this, you should carry out the experiment yourself. Another important point is that the waves do not induce any displacement of water no matter what their frequency, wavelength, and amplitude may be. This is readily observable by the effect they have on a cork or other small floating object: it will bob up and down, but will otherwise



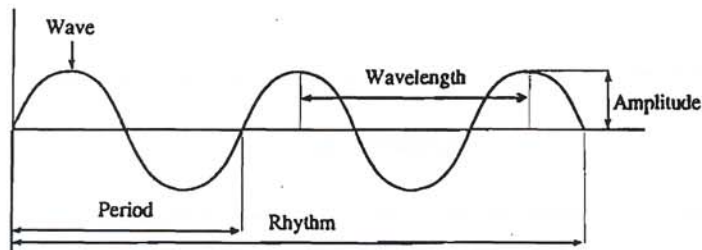
stay in the same position. **(Let's really think about this one - think about the sounds you play on the harp - how they will move and effect people and their bodies - yet, when I asked once if playing the harp would ever cause someone to die, the answer was a strong negative - the person in transition has that power.) (And how about the work being done with sound vibration on unhealthy cells?)**

To a large extent, this same principle applies to spirit vibrations. In fact, spirit vibrations are generated from an energy source situated in the universe and are propagated across the cosmic ocean. Generally speaking, the farther they are from this source, the lower their frequency, the longer their wavelength, and the lower their amplitude. Otherwise, however, there is no comparison between these vibrations and the waves produced when a stone disturbs the surface of water. The number of these waves does not exceed a few dozen, even in as long a period as a minute. The distance separating them may possibly be as much as a few meters, and their height will not exceed a few centimeters. By comparison, spirit vibrations may reach billions per second, have such short wavelengths that no scientific equipment can measure them, and may be amplified over considerable distances. Furthermore, their propagation is not in one plane, but covers the space-time continuum.

This last comment is important, for it suggests the complexity of any study of vibrations. It is relatively easy to observe and study wave movements produced on the surface of a substance such as water, but it is much more difficult to gain an accurate idea of the motions of spirit vibrations as they are propagated in the three dimensions of space, with their frequency constituting a fourth dimension. Furthermore, although it is not yet scientifically proven, some of them have speeds of propagation exceeding that of light - namely, 300,000 kilometers per second (about 186,000 miles per second). Beyond this speed, scientists consider all vibratory phenomena to exceed our space-time frame of reference and thus beyond human objective interpretation.

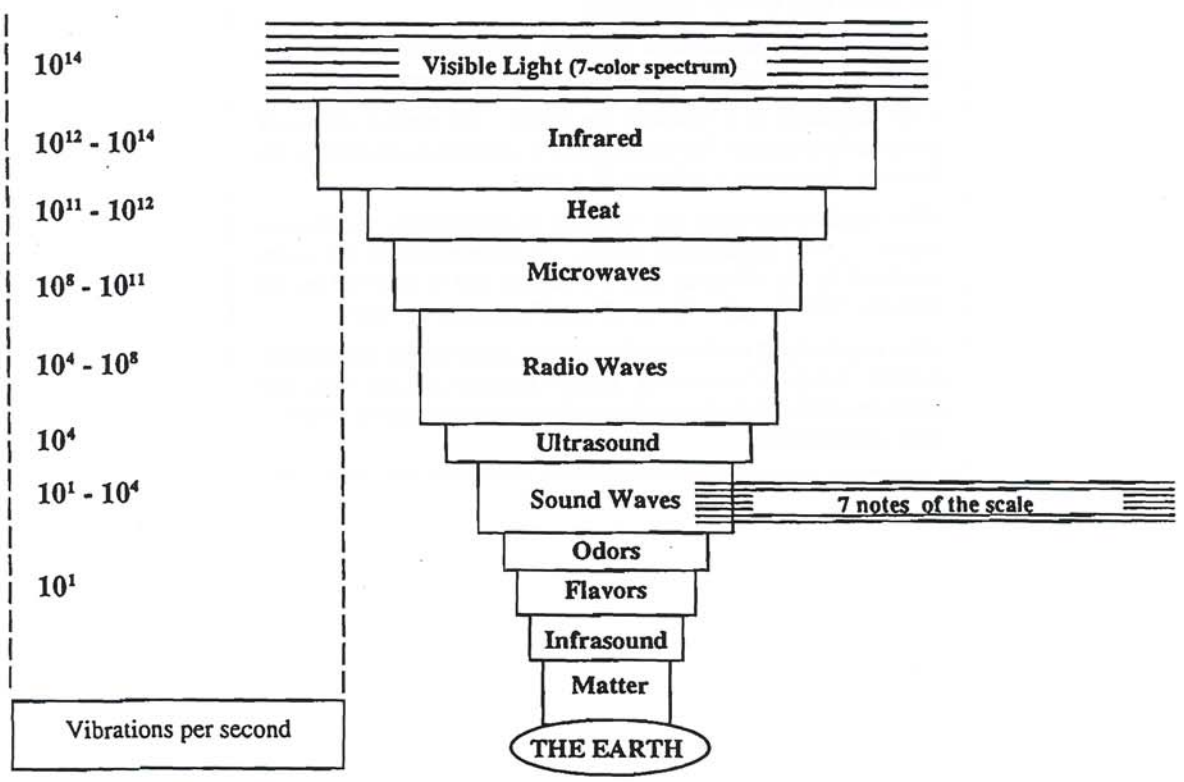
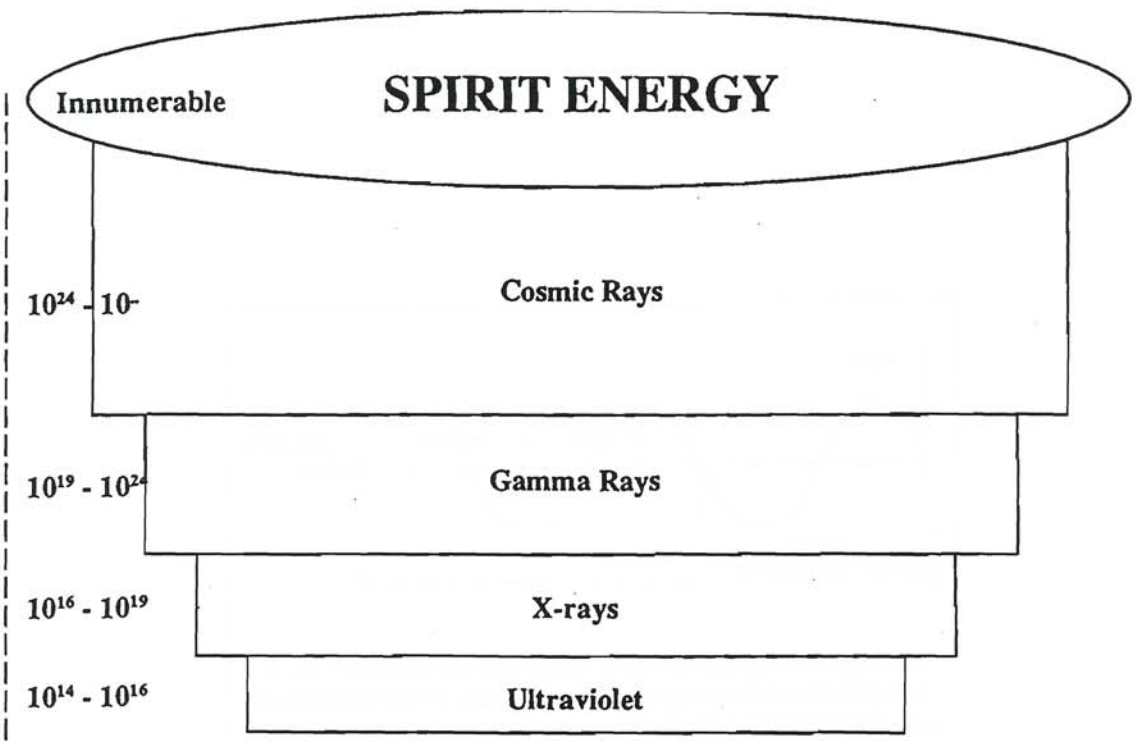
While on this subject, we should note that some mystical traditions state that whoever would succeed in moving faster than light would go beyond the limits of time and thus experience eternity - that is to say, achieve a fusion between the past, present, and future. People experiencing such a fusion would find themselves instantly at the time and place of their thought. In other words, at the moment they thought of a specific place, they would be there in consciousness. From a mystical point of view, they would then be in perfect harmony with the highest planes of Cosmic Consciousness. Thus we see that the study of vibrations, at the outset the province of physicists, concerns also metaphysicists, for at the limits of the world of matter begins the world of consciousness - illustrating that both are intimately linked in the plan of Creation as a whole.

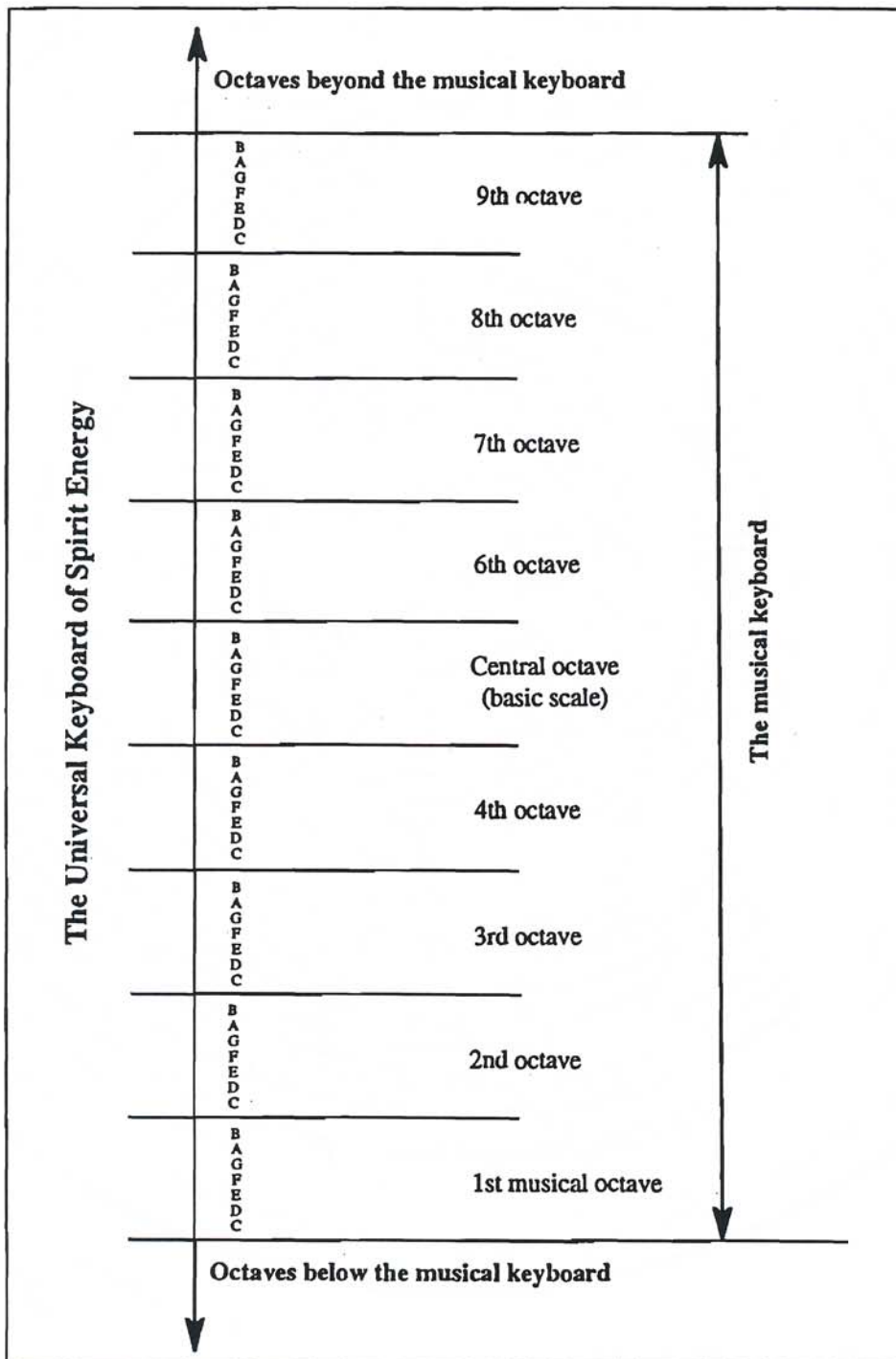
When we look at the study of Spirit, we will see its vibrations can be thought of as a keyboard ranging continuously from cosmic rays to the densest forms of matter. Thus you will gain a full understanding that the energy giving rise to all manifestations is single in essence but multiple in its manifestations.



This diagram illustrates how spirit vibrations are propagated in space. As explained in this monograph, this propagation occurs according to a rhythm characterized by the frequency, length, and amplitude of the corresponding waves. These major definitions in this field, which have been simplified to make them more readily understandable, should be remembered, although there are other elements which are of interest to those who wish to explore this matter in greater detail.

- The rhythm of a vibration: the space traversed by these waves during the whole time they are propagated.
- The period of a vibration (in seconds): the time taken between the instant it loses its state of equilibrium and that of regaining it.
- The frequency of a vibration (in hertz): the number of waves generated per second. The frequency of a vibration is obtained by the formula:  $\text{Frequency} = 1/\text{Period}$  ( $F = 1/T$ ).
- The length of the wave of a vibration (in angstroms): the distance separating two consecutive waves. It corresponds to the space traversed by the vibration during a period, and is obtained by the formula:  $\text{Wavelength} = \text{Speed of light}/\text{Frequency}$  ( $l = C/F$ ).
- The amplitude of a vibration (in microns, millimeters, centimeters, meters): height of each wave. From a physical point of view, this height is equivalent to the maximum distance that separates it from its state of equilibrium.







## KEYBOARDS

### THE KEYBOARDS OF SPIRIT:

Certainly the word keyboard is known to you. However, contrary to the usual meaning of the word, it can refer to something other than musical notes played on a piano. In fact, the mystery schools have used it for a long time to indicate the various phenomena to which spirit energy gives birth as it descends into matter. Thus, in referring to our diagram, you can see that this energy generates a number of keyboards. There are keyboards of cosmic rays, gamma rays, X-rays, ultraviolet rays, visible colors, infrared rays, caloric (heat) rays, microwaves, radio waves, ultrasound, sound waves (including musical notes), odors, flavors, infrasound, and finally a keyboard appropriate to matter itself. Naturally, within each of these keyboards we find vibratory subdivisions.

As you will notice, the average vibratory frequency varies considerably from one keyboard to another. Using two extreme examples, the average vibratory frequency of cosmic rays is approximately several billion billion vibrations per second. As for that which is appropriate to the very essence of Spirit, it is as yet impossible to define. It is precisely the considerable variations between these average frequencies that give rise to the various vibratory keyboards. Moreover, the keyboards all interpenetrate and each one of them is an extension of the previous keyboard, which explains why there is an exact correspondence between them.

What is important to know here is that the great phenomena with which humanity is confronted result only from the fact that the vibrations causing these phenomena do not have the same frequency. This being so, they owe their existence to a single, essentially self-consistent energy: Spirit.

A simple experiment can be used to illustrate what we have just explained. Unfortunately, despite its simplicity, this experiment can only be carried out properly in a laboratory. However, this description will thus enable you to visualize it. John Dalton, of the 19th century, demonstrated it for the first time and provided the experimental proof of the above. by means of a fairly complex mechanism, he succeeded in making a steel ball turn on its own axis. when the speed of rotation was relatively slow, observation of the ball was no problem. but as the ball was made to spin even faster, its contours could no longer be perceived. And, then, there came a point when the rotation was so rapid that the ball emitted a sound. when the speed of rotation of the ball was further increased, the sound became louder and increasingly shrill, and the steel itself took on a reddish glow. at the maximum speed it was mechanically possible to spin the ball, it was noted that heat was generated in its immediate vicinity. According to Dalton, an infinitely more rapid rotation would have made the ball invisible and then would have caused it to disintegrate.

It has been scientifically proven that any movement applied to a material body causes an increase in its vibratory frequency. Thus, turning a steel ball at greater speed alters the rhythm of its vibrations and causes a transmutation of its material structure. given that it is always spirit energy that is the basis of this transmutation, the effects obtained necessarily follow the ascending order of the keyboards mentioned previously.

The experiment just described confirms that there is no boundary or even any gap between the keyboards of Spirit. To use an analogy, they are like different landings of the same staircase. In other words, they are on increasingly higher levels, but form part of the same whole. This is why it is impossible to understand completely the nature of these keyboards if they are studied separately.

For a long time, scientists have tended to partition off and differentiate the fields they claim in



stay in the same position. (Let's really think about this one - think about the sounds you play on the harp - how they will move and effect people and their bodies - yet, when I asked once if playing the harp would ever cause someone to die, the answer was a strong negative - the person in transition has that power.) (And how about the work being done with sound vibration on unhealthy cells?)

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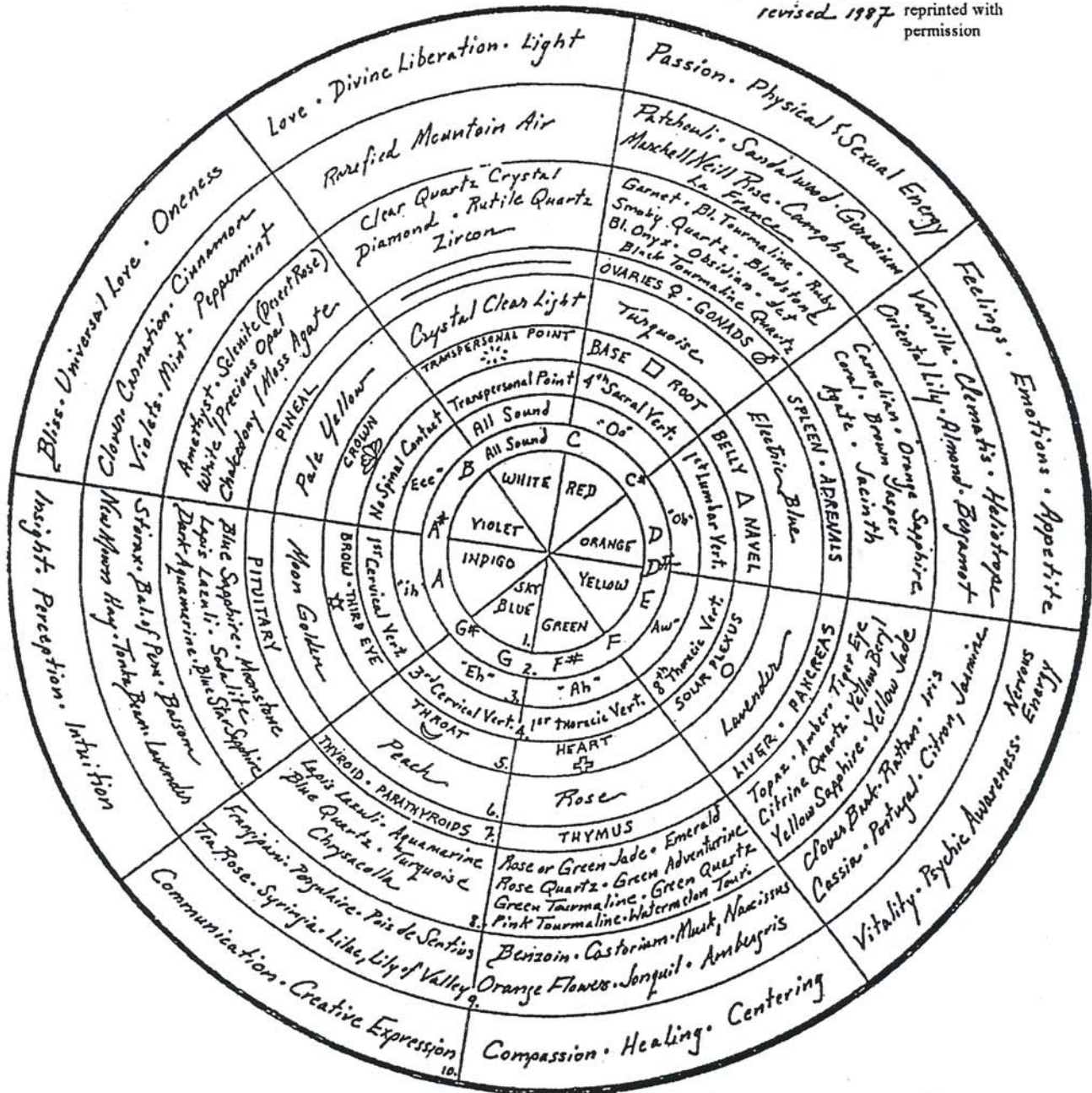
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CHART OF COLOR, SOUND & ENERGY CORRESPONDENCES

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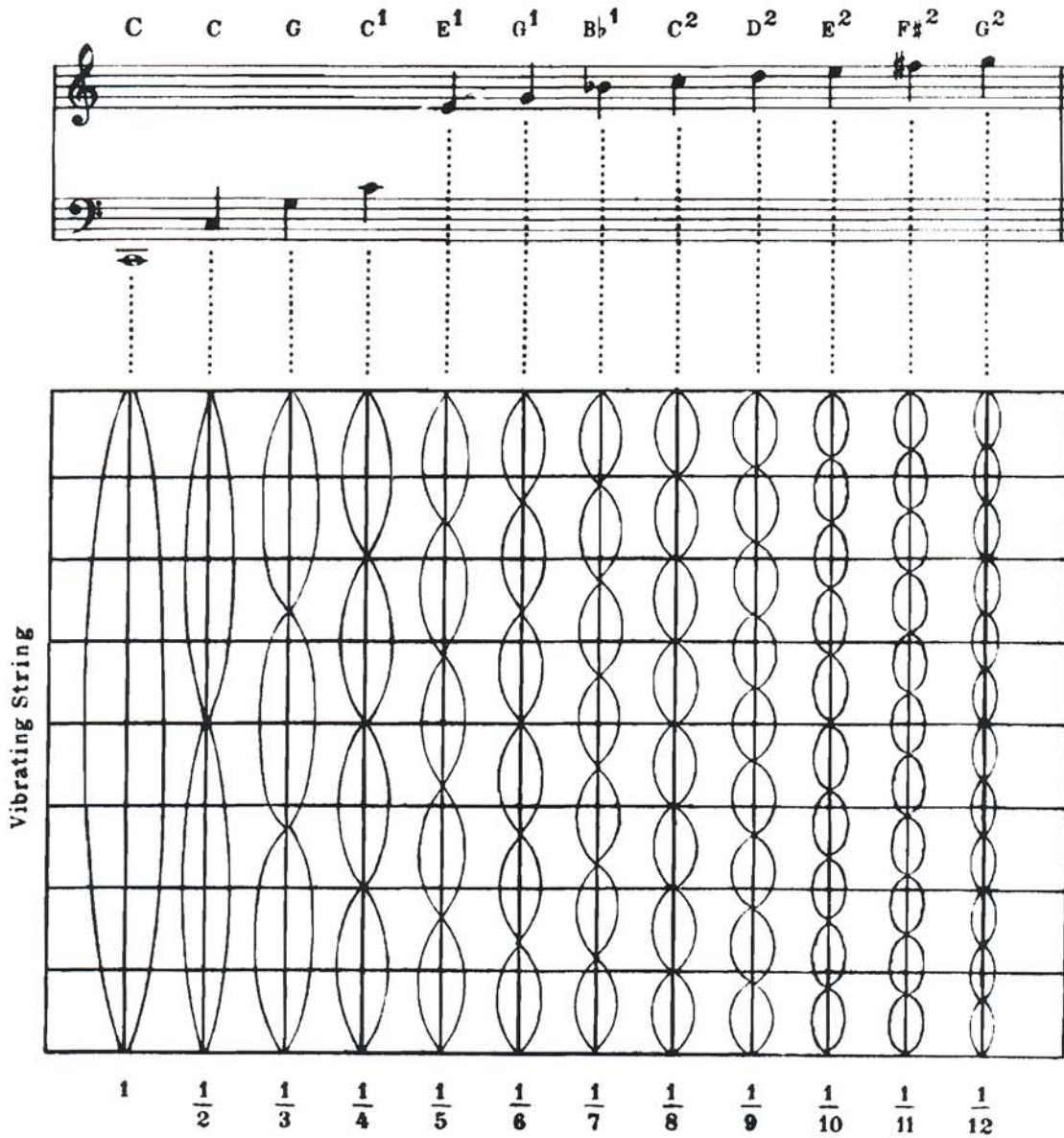
- 1. COLORS (1<sup>ST</sup> OCTAVE) ABSORBING
- 2. MUSICAL PITCHES (CHROMATIC SCALE)
- 3. VOWELS
- 6. COLORS • TRANSMITTING
- 7. ENDOCRINE GLANDS & ORGANS
- 8. GEMSTONES



## TABLE II

### OVERTONE SERIES

Harmonics Generated by a Fundamental  
(Great C\*)



\* Harmonics are generated by any given note serving as the fundamental producing the same intervallic relationship.