

Resonance and Vibration

Our Universe is a system of vibration. This world of vibrations is the world of resonance. There are countless waves and octaves of sound and light constantly occurring all around us at any given moment. This oscillation or “harmonic” motion has a tremendous effect on every form throughout the galaxy. Vibration, frequencies, rates and tones cater to our very existence in the form of light, heat, sound and all forms of matter. Everything gives off a vibration. Even the smallest of matter has a pulse. Everything wields a certain electromagnetic attraction and generally speaking, the less the attraction between molecules, the greater their motion relative to one another. This in turn helps define the object in relation to its particular phase of matter. The basic building blocks of the Universe seem to be either waves or vibrating strings, and most of the things they make up move in bigger waves and vibrations.

Resonance takes place at a level invisible to the human eye. This is so because the particles in which matter consists are nothing more than vibrating “strings” on the smallest scale and molecules or balls of energy graduating to a larger scale and finally physical matter in the form of what appears to be solid objects to include the human body. Basically, when molecules are moving at high speeds, with very little attraction for one another, gases are formed. Although with liquids, the rate of motion is moderate which determines the loose molecular structure. On the other hand, in a solid, there is little relative motion, and therefore molecules put forth massive attractive forces. Consequently, the molecules that make up a solid tend to vibrate in place. Though we seldom witness it directly, our entire Universe is in a constant state of motion, and where solid objects are concerned, this motion is manifested as vibration.

Technically speaking, whenever the vibrations produced by one object come into alignment with that of another, this is called “resonance” which is a very powerful analogy for understanding how various types of energies operate. So, resonance is simply a matter of one object or force getting in tune with another object. This is akin to the concept of a tuning fork. Whenever you strike a musical note on a stringed instrument, other stringed instruments in the immediate surroundings begin to vibrate or resonate along with the pitch. It sets the “tone” so-to-speak. The same holds true for all forms of vibration. If you were to hum a perfect E, then you can actually see the string on a guitar start to vibrate at the same frequency. This is because it is resonating with your voice.

Resonance helps to explain all manner of familiar events, from the feedback produced by an electric guitar to the cooking of food in a microwave oven. Gregg Braden describes in his book *Awakening to Zero Point* how when two electronic modules are placed near one another, with one vibrating faster than the second, something interesting begins to happen where the module of lower frequency will have the tendency to match that of the higher pitch through resonance or entrainment. This also holds true with the human energy system.

The dictionary defines resonance in terms of physics as: “*The increase in amplitude of oscillation of an electric or mechanical system exposed to a periodic force whose frequency is equal or very close to the natural frequency of the system.*” In essence we are nothing more than electromagnetic beings oscillating

between constant frequencies of higher and lower pitches and vibrations. Be that as it may, the living Earth is also vibrating at a particular rate and as its inhabitants, we too are affected by any oscillations or instabilities in its frequencies. This is known as “homeostasis.” Braden attests to this where he says:

“The net result of this increase is that each cell of our bodies seeks to match the rhythmic ‘heartbeat,’ or reference frequency, to that of the Earth. Moving into the resonant pattern of a higher tone, each life form, including human, is attempting to map out a new rhythm, or ‘signature’ frequency.”

What’s important to know about the concept of resonance is that whenever an object is vibrating at the same natural frequency of a second object, it forces that second object into vibrational motion. Applying this science to the electromagnetic field in which we all exist will help us better understand how individuals can be affected by the vibrations coming from others through “inductance.” This principle explains why we can sometimes feel as if our energy is very low or that we’re depressed whenever we come in contact with certain people that are resonating on a much different frequency than the one we’re accustomed to. Certain people have the ability to drain us of our vital energies simply because they may be functioning more towards a negative polarity while we’re trying to maintain a vibration that is consistent with higher frequencies and beliefs. As they begin to draw upon our energy, our vitality becomes lowered causing a shift in our moods, attitudes and overall outlook towards life.

Terrence McKenna writes in his book *True Hallucinations*, that resonance is a mysterious phenomenon in which a vibrating string seems magically to invoke a similar vibration in another string or object that is physically unconnected. It suggests itself as a model for the mysterious property that related one thing to another even though they may be separated by days, years, or even millennia. He became convinced that there is a wave, or a system of resonance, that conditions events on all levels. This wave is fractal and self-referential, much like many of the most interesting new curves and objects being described at the frontiers of research mathematics. This “time-wave” is expressed throughout the Universe on a number of discrete levels. It causes atoms to be atoms, cells to be cells, minds to be minds, and stars to be stars. What he suggests is a new metaphysics, a metaphysics with mathematical rigor; something that is not simply a new religious conviction. Rather this insight takes the form of a formal proposition.

Everything resonates, the question is, what are we resonating or sending out as our vibration. We each have the ability to attract into our being anything we desire through the practice of sending out powerful vibrations with our thoughts, words and deeds. Consequently, whenever we find ourselves in the presence of someone that is not in alignment with that in which we believe, our efforts can become thwarted as long as we allow ourselves to be subjected to their contrary ideas. If the wave and the oscillation have different frequencies, then sooner or later they will drift out of phase and the motion of one will work against that of the other. The wave will actually reduce the energy of the other through destructive interference. Conversely, a vibration matching the resonant frequency of the first wave will cause larger and stronger vibrations. This occurs as an enhanced coupling between quantum states with the same energy. One analogy would be if you were to drop a pebble into a lake, it would cause a ripple or a wave to travel across the lake. By simultaneously dropping another pebble into the lake, you create another wave sending out ripples to meet with those of the previous pebble. If the waves are in sync, then they will combine energies causing greater momentum as a unified force. By the same token, if the waves are not in alignment, then the force generated by each wave will ultimately cancel the other out. The key is to always stay conscious of the energy around you especially the energy coming from the people you most frequently associate with. My good friend always says “If you hang around 9 broke people, you’ll end up number 10.” The same holds true for all forms of association. If you hang around 9 negative people, you’ll end up being number 10 and so on.

Positive people resonate comfortably around other like-minded people. In fact, they typically gravitate towards one another. And like the pebbles in the lake, their combined energies become much stronger as they unify. Subsequently, negativity breeds more negativity.

Be that as it may, there are certain independent studies that show the Earth's fundamental vibration has gradually been accelerating. Historically, planet Earth's frequency has been stabilized somewhere around 8 Hz. or cycles per second. The amount of time it takes to complete one cycle is called a period, and the number of cycles in one second is the frequency of the oscillation. Frequency is measured in Hertz (Hz.) named after the German physicist Heinrich Rudolf Hertz. Throughout history, 8 cycles has become the Universal constant. Based on the principle of Fibonacci sequence where you advance to the next number in a series by adding the last two integers such as $1+1=2$, $1+2=3$, $2+3=5$, $3+5=8$, $5+8=13$ and so on, Braden feels that the Earth's target frequency will be 13 cycles per second with this becoming our new "base resonant frequency." Accordingly, this is the frequency that may trigger resonance with the new grid heralding the close of the present cycle of evolution and the beginning of the "New Age."