The Lightworks Foundation

A place for expanding awareness through Light

Vibration

This is what you need to know about sound!

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by Tanaaz

sound healing 528 hz

Everything in this Universe, including you is vibrating at a frequency. This is because you and everything around you is energy.

The energy of the Earth vibrates at a 528Hz frequency which is the same frequency as Love, the Universal Healer.

The frequency of 528Hz is believed to be so powerful that it can help repair and restore DNA damage, bring peace and harmony and restore equilibrium to everything around it. Talk about good vibrations!

528Hz is the sound of Love however, there are many conspiracy theorists out there that believe that modern day music, TV commercials and the like are programmed at a lower and unnatural 440Hz frequency which is designed to stimulate fear, sickness and oppression.

Influences on art and music

Devices for displaying nodal images have influenced visual arts and contemporary music. Artist <u>Björk</u> created projections of cymatics patterns by using bass frequencies on tour for her album *Biophilia*.

Hans Jenny's book on Chladni figures influenced Alvin Lucier and helped lead to Lucier's composition Queen of the South. Jenny's work was also followed up by Center for Advanced Visual Studies (CAVS) founder György Kepes at MIT. His work in this area included an acoustically vibrated piece of sheet metal in which small holes had been drilled in a grid. Small flames of gas burned through these holes and thermodynamic patterns were made visible by this setup.

In the mid-1980s, visual artist Ron Rocco, who also developed his work at CAVS, employed mirrors mounted to tiny servo motors, driven by the audio signal of a synthesizer and amplified by a tube amp to reflect the beam of a laser. This created light patterns which corresponded to the audio's frequency and amplitude. Using this beam to generate video feedback and computers to process the feedback signal, Rocco created his "Andro-media" series of installations. Rocco later formed a collaboration with musician David Hykes, who practiced a form of Mongolian overtone chanting with The Harmonic Choir, to generate cymatic images from a pool of liquid mercury, which functioned as a liquid mirror to modulate the beam of a Helium-Neon laser from the sound thus generated. Photographs of this work can be found in the Ars Electronica catalog of 1987.

Contemporary German photographer and philosopher <u>Alexander</u>
<u>Lauterwasser</u> has brought cymatics into the 21st century using finely crafted <u>crystal oscillators</u> to resonate steel plates covered with fine sand and to vibrate small samples of water in <u>Petri</u>

dishes. His first book, *Water Sound Images*, translated into English in 2006, features imagery of light reflecting off the surface of water set into motion by sound sources ranging from pure sine
waves to music by Beethoven, Karlheinz
Stockhausen, electroacoustic group Kymatik (who often record in ambisonic surround sound) and overtone-singing. The resulting photographs of standing wave patterns are striking.

Lauterwasser's book focused on creating detailed visual analogs of natural patterns ranging from the distribution of spots on a leopard to the geometric patterns found in plants and flowers, to the shapes of jellyfish and the intricate patterns found on the shell of a tortoise.

Composer <u>Stuart Mitchell</u> and his father T.J. Mitchell claimed that <u>Rosslyn Chapel</u>'s carvings supposedly contain references to cymatics patterns. In 2005 they created a work called *The Rosslyn Motet* realized by attempting to match various <u>Chladni</u> patterns to 13 geometric symbols carved onto the faces of cubes emanating from 14 arches.

Like many claims in the cymatics community, the hypothesis that the carvings represent Chladni patterns is not supported by scientific or historical evidence. One of the problems is that many of the 'box' carvings are not original, having been replaced in the 19th century following damage by erosion.

The musical group, "The Glitch Mob" used cymatics to produce the music video "Becoming Harmonious (ft. Metal Mother)".

Influenced by <u>Yantra</u> diagrams and cymatics, artist and fashion designer <u>Mandali Mendrilla</u> created a sculpture dress called "Kamadhenu (Wish Tree Dress III)" the pattern of which is based on a Yantra diagram depicting goddess <u>Kamadhenu</u>.