

Composer Dimitri Voudouris
Work title Pamos
Composed 2002
Duration 33min34sec

As we examine ever smaller particles of matter-people made of cells, made of molecules, made of atoms, made of protons/electrons, made of quarks, etc-we eventually reach a state of reality where the smallest particles of matter, when broken further, do not yield smaller particles which we can put names on, but rather a universal energy matrix of relationships of vibration patterns .In actuality there is nothing solid in the universe at all. Consciousness itself is a vibration pattern and it is these vibration patterns that through our subconscious state of mind give one the experience of being in a sound environment that is alien and familiar at the same time. Since the discovery of neuro-transmission it was understood that the body's internal rhythm patterns would follow the strongest, naturally occurring pulse patterns. The strongest communicating energy is exemplified as none other than a pulse that can be found as an energy source in all that exists. As the originality of sound can be routed as none other than a sine wave who's different shapes imitate the sound of nature, made me search for instruments that would allow me to explore pulse vibrations thus trying to reach within this research a deeper state of consciousness. I chose three Western instruments the Hammond organ, oboe and the bandoneon whose overtones and harmonic capabilities allowed for interlocking moments to take place a phenomenon that is ever present in African traditional music. Spectrographic analysis of sounds produced by each individual instrument was carefully monitored which allowed for a deeper understanding of timbre [harmonic content], attack, decay and vibrato Subtractive synthesis further allowed for the isolation of certain inaudible frequencies to be enhanced to an audible level and the elimination of others. These compositional elements allow the listener to perceive the sound as stable individual tone and noise spectra, frequently of surprising purity.

