

Harmonaea

by Kevin Halpin

A model of perfection has always been presented to us by nature. For almost three thousand years the Music of the Spheres has addressed the idea that the harmonious interrelationships between all things in the cosmos have the ratios of music as their basis. It was and remains today a beautiful dream, one which remained at the level of a philosophical concept. But a model has been developed in the previous works of how information interrelates irrespective of form or process, animate or inanimate. Everything in nature from atoms to whole galaxies do exhibit a common share in certain attributes. The geometric and mathematical expressions of those attributes too are common and interrelate perfectly, and they correspond to the new quantification of harmonics. The 'harmonic continuum' is a new music of the spheres, a quantitative, qualitative and proven system of thought which can be revealed in the structure of physical entities, abstract entities or processes, not just the physics of sound.

Harmonaea reveals the 'natural ellipse', a figure defined by pi's relationship with the circle which corresponds precisely to the gravitational relationship of two bodies in elliptical orbits. Simple harmonic motion is augmented by revealing its correspondence to energy as radians, natural arcs and logarithmic spirals. The harmonic continuum's logarithmic spiral then brings all these concepts together with periodic functions and the comma-free ratios for music, harmony and harmonics, and these too are found to correspond to other forms of gravitational attraction. In the new music of the spheres the mystery of gravity's relationship with the tuning of the perfect notes evaporates under the light of knowledge, allowing for nothing less than a new theory of gravity and a profound insight into the information which lies behind the symbolism of numbers.