

The Pythagorean Skein

At the heart of the solfeggio scales is a mathematics attributed to Pythagorus, called the "Pythagorean skein." This is said to have come from Pythagorus' secret mathematics. In today's terms, this system is known as "modular 9" arithmetic or mod-9. I like to think of this as fractal mathematics or vortex mathematics.

Oftentimes associated with the Pythagorean skein is a system that assigns numbers to alphabets, sometimes called gematria. The Pythagorean skein and gematria are at the heart of the discovery of the first solfeggio system, unveiled by Dr. Joseph Puleo.

Because the solfeggio frequencies are being given conflicting names, I have decided to separate the three solfeggio systems more clearly: the archetypal solfeggio (earthly) unveiled through Dr. Puleo; the divine solfeggio (heavenly), unveiled through Joseph Crane and G.W. Hardin; and the universal solfeggio (cosmic), decoded by G.W. Hardin.

Simply put, the skein works by adding together (base 10) while leaving out zero. So the following numbers are all equal in the Pythagorean skein:

$$437 = 77 = 41 = 5 \quad \dots \quad 4+3+7 = 14 = 1 + 4 = 5 \quad \dots \quad 77 = 7 + 7 = 14 = 1 + 4 = 5$$

likewise

$$437 = 4 + 10 = 4 + 1 + 0 = 5 \quad \text{or} \quad 437 = 7(4 + 3) + 7 = 14 = 1 + 4 = 5$$

So a frequency of 186 hz and 1086 hz are mathematically equivalent even though they don't sound the same, in much the same way the various octaves of the note C are still considered C even though they don't sound the same. With this in mind, various frequencies are played together on the CDs provided because they are mathematically equivalent. For instance, the frequencies of 396 hz, 639 hz, and 963 hz are played together because they all equate to a Pythagorean skein of 3:

$$396 = 3 + 9 + 6 = 12 + 6 = 18 = 1 + 8 = 9$$
$$639 = 6 + 3 + 9 = 9 + 9 = 18 = 1 + 8 = 9$$
$$963 = 9 + 6 + 3 = 15 + 3 = 18 = 1 + 8 = 9$$

All solfeggio scales behave this way. Every frequency either adds up to 3 or 6 or 9. Which points to one of Nicola Tesla's great quotes: **"If you only knew the magnificence of the 3, 6 and 9, then you would have a key to the universe." And thus we begin to understand the importance of the solfeggio scales.**