

Exploration

Reality as Simulation Governed by Numerological Codes

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Abstract

In this paper, I explore the hypothesis that reality is a simulation governed by a universal *369 code*, which I trace through mathematical, geometric, and vibrational patterns. I introduce a digit-sum reduction method (Formula 1) and demonstrate how arithmetic sequences (Formula 2) reveal recurring intervals of 9 across numerological mappings of integers, multiplication tables, and the Fibonacci sequence—each cycle reducing to 3, 6, or 9. I plot numerological coordinates in three-dimensional space, revealing hexagonal and triangular formations. Additionally, I show that the angle sums of basic geometric shapes, as well as the pentagonal and hexagonal structures within DNA, consistently reduce to 9. I extend the analysis to the Solfeggio frequencies, all of which also reduce to 3, 6, or 9, suggesting vibrational resonance with the architecture of life. Drawing on principles from quantum physics, I argue that this realm is best understood as a vibrational construct authored by consciousness through the script of the *369 code*.

Keywords: Reality, simulation, numerological code, DNA, Solfeggio frequencies, resonance.

1. Introduction

Many readers are likely familiar with The Matrix films, in which the protagonist Neo awakens to discover that he has been imprisoned within a simulated reality. While this concept is widely regarded as science fiction, a growing number of researchers have proposed that our reality may, in fact, be a simulation [1] — much like the virtual world portrayed in the computer game The Sims.

Although opinions differ regarding the origin and nature of the creator behind such a simulation, the foundational idea remains the same: that we are all participants in a constructed reality. Some thinkers, such as philosopher Nick Bostrom [2], approach this hypothesis from a technological and transhumanist perspective. In contrast, I—writing as an independent researcher—propose that consciousness itself is the fundamental basis of reality.

Let me elaborate. Everything we see, feel, hear, smell, and taste is a manifestation of consciousness—just as we ourselves are. We are consciousness experiencing itself within a universe designed to explore duality: light and dark, creation and destruction. In this framework, we are simultaneously the creative force and the actors within a complex simulation. I often liken

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this simulation to an advanced version of The Sims, in which artificial intelligences play out their roles as if the virtual world were real.

All of us are convinced that our lived experience is real—just as the AI characters in The Sims may appear to believe in the reality of their own existence. But consider the following perspective: eventually, the AI characters may learn to manipulate their environment. In a similar way, we—as expressions of consciousness, the creative force—may come to understand that we are actively constructing our lived experience in this realm. This recognition may mark the transition to a higher state of awareness: what some describe as ascension.

But what evidence supports this theory? What is its foundation? The short answer is this: the proof lies in mathematics, revealed through a numerological code.

2. Numerology

I am fully aware of the scepticism that surrounds numerology within scientific circles. Nevertheless, I will proceed to demonstrate how this field—often dismissed as pseudoscience—can be used to reveal underlying mathematical patterns that support the simulation hypothesis proposed in this paper.

To begin, a brief definition is in order. Numerology is the study of numbers and their symbolic meanings, a discipline historically rooted in Pythagorean thought and now primarily associated with metaphysical or spiritual traditions. Each number is considered to carry a distinct vibrational frequency and symbolic significance.

A commonly practised technique in modern numerology is the calculation of the Life Path Number, which is derived by summing the digits of an individual's birth date and reducing the result to a single-digit number (with some exceptions for so-called master numbers). For example, the birth date May 19, 2025, is calculated as follows:

$$2 + 0 + 2 + 5 + 5 + 1 + 9 = 24 \rightarrow 2 + 4 = 6$$

This results in a Life Path Number of 6.

The same calculation can be formalized as a mathematical function.

Let us denote this as *Formula 1*:

$$S(n) = \sum_{i=1}^k a_i$$

Where:

- n is the resulting number after reduction,
- k is the number of digits in the original figure, and
- a_i represents each digit in the number to be reduced: $a_i = [a_1 + a_2 + a_3 + \dots a_k]$

I will refer to this formula at several points throughout the remainder of this article, as it provides the foundational logic for the numerological system I explore in relation to simulation theory.

3. The numeral system

One of the first concepts introduced in mathematics is the numeral system: learning to count from one upward, beginning with the units, followed by tens, hundreds, and so forth. When we apply a numerological lens to these numbers—particularly by grouping them according to their reduced numerological values (i.e. 1–9, as well as the double-digit numbers 11–19)—an intriguing pattern begins to emerge.

The figure below displays all integers between 1 and 397, arranged according to their numerological value. Each row corresponds to a particular reduced digit, ranging from 1–9 and including the unreduced double-digit values 11–19. The colour coding distinguishes between the two categories:

- Purple represents values with a reduced single-digit numerological value (1–9)
- Blue denotes numbers whose reduced values fall between 11 and 19

Why retain the double-digit values 11 to 19, even though they ultimately reduce to 1–9? This decision will be clarified in the following sections. However, it is worth highlighting one key observation: regardless of which row is examined, all rows form arithmetic sequences with a common difference of 9. In other words, the number 9 acts as a fundamental organizing principle within the entire structure.

This recurring interval suggests an underlying numerical harmony—one that may hold deeper implications for how numbers, and potentially reality itself, are structured.

This sequence can be described using *the Formula 2*, a standard expression for an arithmetic sequence:

$$a_n = a_1 + (n - 1) \times 9$$

Where:

- $a_1 \in [1, 19]$ is the initial term of the sequence

- $n \in \mathbb{N}^1$ represents the position within the sequence
- The common difference is 9

To determine the numerological value of each number (i.e., the sum of its digits), *Formula 1* is applied as previously introduced.

2	11	20	29	38	47	56	65	74	83	92	101	110	119	128	137	146	155	164	173	182	191	200	209	218	227	236	245	254	263	272	281	290	299	308	317	326	335	344	353	362	371	380	389
3	12	21	30	39	48	57	66	75	84	93	102	111	120	129	138	147	156	165	174	183	192	201	210	219	228	237	246	255	264	273	282	291	300	309	318	327	336	345	354	363	372	381	390
4	13	22	31	40	49	58	67	76	85	94	103	112	121	130	139	148	157	166	175	184	193	202	211	220	229	238	247	256	265	274	283	292	301	310	319	328	337	346	355	364	373	382	391
5	14	23	32	41	50	59	68	77	86	95	104	113	122	131	140	149	158	167	176	185	194	203	212	221	230	239	248	257	266	275	284	293	302	311	320	329	338	347	356	365	374	383	392
6	15	24	33	42	51	60	69	78	87	96	105	114	123	132	141	150	159	168	177	186	195	204	213	222	231	240	249	258	267	276	285	294	303	312	321	330	339	348	357	366	375	384	393
7	16	25	34	43	52	61	70	79	88	97	106	115	124	133	142	151	160	169	178	187	196	205	214	223	232	241	250	259	268	277	286	295	304	313	322	331	340	349	358	367	376	385	394
8	17	26	35	44	53	62	71	80	89	98	107	116	125	134	143	152	161	170	179	188	197	206	215	224	233	242	251	260	269	278	287	296	305	314	323	332	341	350	359	368	377	386	395
9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	189	198	207	216	225	234	243	252	261	270	279	288	297	306	315	324	333	342	351	360	369	378	387	396
1/10	19	28	37	46	55	64	73	82	91	100	109	118	127	136	145	154	163	172	181	190	199	208	217	226	235	244	253	262	271	280	289	298	307	316	325	334	343	352	361	370	379	388	397

Table 1

A key decision in my method was to retain the unreduced numerological values between 11 and 19. But why avoid reducing these further into single digits?

This choice arose from an emergent pattern I observed during analysis. As I studied the sequences visually, I began to hypothesize that the distributions might represent geometrical formations in three-dimensional space. Inspired by this possibility, I devised a system in which each number between 0 and 999 was translated into a coordinate point in 3D space, according to the following rule:

- The hundreds digit corresponds to the Z-axis
- The tens digit to the X-axis
- The units digit to the Y-axis

This mapping was based on the temporal unfolding of place value: the hundreds were assigned as the depth axis (Z), since they enter the sequence late.

Below are several examples of the geometric figures that emerged from plotting these number sequences according to this method.

¹ n is an element of the set of natural numbers: $\mathbb{N} = \{1, 2, 3, 4, \dots\}$

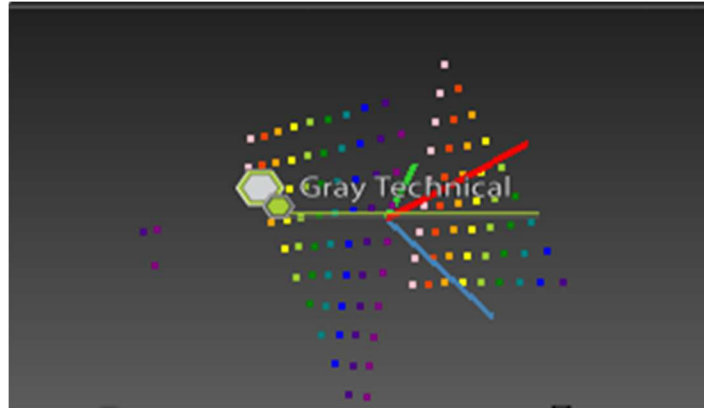


Figure 1. This figure depicts one hexagon (2×9) and two triangles (2×2 and 9×9). The hexagon contains all numerological values of 19 within the given range, while both triangles represent numerological 1s.

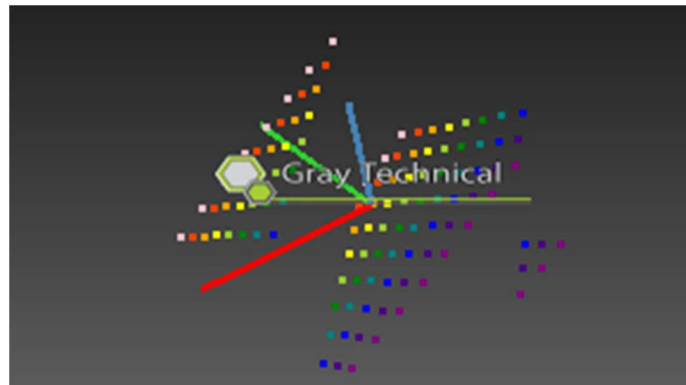


Figure 2. This figure depicts one hexagon (3×8) and two triangles (3×3 and 8×8). The hexagon contains all numerological values of 11 within the given range, while both triangles are numerological 2s.

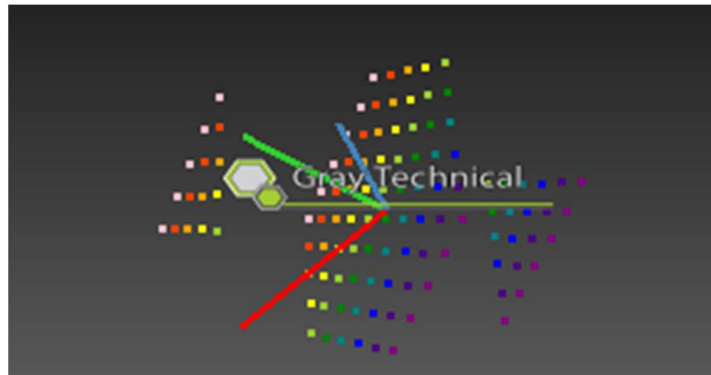


Figure 3. This figure depicts one hexagon (5×6) and two triangles (5×5 and 6×6). The hexagon contains all numerological values of 14 within the given range, while both triangles are numerological 5s.

If you only knew the magnificence of the 3, 6 and 9, then you would have the key to the universe. - Nikola Tesla

The conclusions from this investigation are as follows:

- 9: Each number in the sequence increases by 9 before reaching the next numerological value within the same sequence.
- 6: All double-digit numerological values, from 11 to 19, form hexagons — except for 18, which forms a large triangle.
- 3: All single-digit numerological values, from 1 to 9, form triangles.

These findings correspond with Nikola Tesla's famous quotation that 3, 6, and 9 are the key to the Universe, providing the first evidence of a universal code based on these numbers. This code will hereinafter be referred to as the *369 code*.

4. Multiplication

Multiplication can be understood as a form of dimensional expansion—extending a quantity from one dimension into another. For example, a two-dimensional area is formed when two one-dimensional lines are combined at a 90-degree angle and multiplied, creating a four-cornered geometric shape. To expand this figure into a three-dimensional volume, the resulting quadrilateral is multiplied once more by a one-dimensional line representing depth.

In this numerological context, the two-dimensional multiplication table is used to illustrate how each product in the table corresponds to a numerological value associated with the *369 code*.

Table 2 presents the reduced numerological value of every product in the multiplication table from 1×1 to 20×20 . A distinct and repeating pattern quickly emerges: the digits 3, 6, and 9 appear in a recurring sequence, continuing indefinitely. While not all results reduce directly to 3, 6, or 9, many instead yield values that, when added to a neighbouring value (either horizontally or vertically), produce one of these three digits.

In Table 2, I have chosen to group such numbers vertically and apply colour coding to enhance visual recognition:

- 9s are marked in blue
- 6s in purple
- 3s in orange

It is important to note that all rows or columns in which 3, 6, or 9 appear as reduced values correspond to multiplication tables of 3, 6, or 9—or their numerological equivalents, such as 12, 15, 18, and so on.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	1	2
2	2	4	6	8	1	3	5	7	9	2	4	6	8	1	3	5	7	9	2	4
3	3	6	9	3	6	9	3	6	9	3	6	9	3	6	9	3	6	9	3	6
4	4	8	3	7	2	6	1	5	9	4	8	3	7	2	6	1	5	9	4	8
5	5	1	6	2	7	3	8	4	9	5	1	6	2	7	3	8	4	9	5	1
6	6	3	9	6	3	9	6	3	9	6	3	9	6	3	9	6	3	9	6	3
7	7	5	3	1	8	6	4	2	9	7	5	3	1	8	6	4	2	9	7	5
8	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	1	2
11	2	4	6	8	1	3	5	7	9	2	4	6	8	1	3	5	7	9	2	4
12	3	6	9	3	6	9	3	6	9	3	6	9	3	6	9	3	6	9	3	6
13	4	8	3	7	2	6	1	5	9	4	8	3	7	2	6	1	5	9	4	8
14	5	1	6	2	7	3	8	4	9	5	1	6	2	7	3	8	4	9	5	1
15	6	3	9	6	3	9	6	3	9	6	3	9	6	3	9	6	3	9	6	3
16	7	5	3	1	8	6	4	2	9	7	5	3	1	8	6	4	2	9	7	5
17	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7
18	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
19	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	1	2
20	2	4	6	8	1	3	5	7	9	2	4	6	8	1	3	5	7	9	2	4

Table 2.

Upon close examination of the table, it becomes evident that the numerological pattern—emerging through the reduction of all products to single-digit values—is an unmistakable manifestation of the 369 code.

This observation raises a broader question:

If such a pattern is present within the multiplication table, might it also appear in other mathematical structures when analysed using the same method?

5. Geometry

As is well known in elementary geometry, an equilateral triangle has three equal angles, each measuring 60 degrees. The total internal angle sum of the triangle is therefore 180 degrees. More generally, the sum of the interior angles of any triangle is always 180 degrees, regardless of the triangle's specific shape or proportions.

$(n-2) \times 180$ n =number of angles		
Shapes		Numerology
	180	9
	360	9
	540	9
	720	9
	900	9
	1080	9
	1440	9
	1800	9

Figure 4. Geometrical shapes

In this figure, eight distinct geometric shapes are depicted, each accompanied by its total angle sum. The angle sums were calculated using the standard polygon angle sum formula:

$$(n - 2) \times 180$$

where n is the number of sides of the polygon. Subsequently, each angle sum was reduced using *Formula 1* (digit-sum reduction), which consistently yielded a numerological value of 9 for all shapes.

What becomes even more compelling is the connection between these geometric principles and the molecular structures found in biological systems. Regardless of which molecule we choose to examine, we find that its underlying geometric configuration—whether triangular, quadrilateral, pentagonal, or hexagonal—ultimately produces an angle sum that reduces to the numerological value 9.

Consider, for example, the molecular architecture of DNA (deoxyribonucleic acid). In *Figure 5*, a simplified representation of a DNA segment is shown. The illustration highlights how nitrogenous bases form the rungs of the DNA double helix, incorporating geometric shapes such as pentagons and hexagons in their chemical structures.

Given that *Figure 4* demonstrates how each fundamental geometric shape reduces to 9, this strongly supports the conclusion that life itself—including the human form—is constructed according to a universal code based on the number 9.

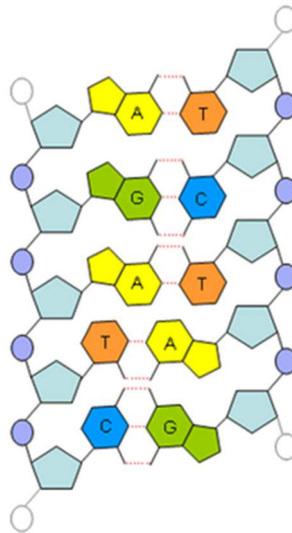


Figure 5. Molecular architecture of DNA

6. The Fibonacci sequence

The Fibonacci sequence is a series of numbers in which each term is the sum of the two preceding ones, continuing indefinitely. This recursive pattern appears throughout nature—in the spirals of seashells, pinecones, flowers, and even Romanesco broccoli.

The sequence begins as follows:

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, ...

One particularly interesting feature of the Fibonacci sequence is that the ratio between successive terms converges toward the Golden Ratio, approximately $\phi \approx 1.61803$. Starting from higher values (e.g., 610/377), the ratio between two neighbouring numbers closely approximates this irrational constant.

In Table 3, the first 48 Fibonacci numbers (excluding zero) are listed alongside their numerological reductions, derived using *Formula 1*. The values are arranged into four equal columns, each containing 12 numbers. These groupings are then analysed and summarized in

two distinct ways to demonstrate how the sequence connects back to the underlying structure of the 369 code.

Fibonacci	Num. value	Fibonacci	Num. value	Sum. Num. value	Fibonacci	Num. value	Fibonacci	Num. value	Sum. Num. value
1	1	233	8	9	75025	1	24157817	8	9
1	1	377	8	9	121393	1	39088169	8	9
2	2	610	7	9	196418	2	63245986	7	9
3	3	987	6	9	317811	3	102334155	6	9
5	5	1597	4	9	514229	5	165580141	4	9
8	8	2584	1	9	832040	8	267914296	1	9
13	4	4181	5	9	1346269	4	433494437	5	9
21	3	6765	6	9	2178309	3	701408733	6	9
34	7	10946	2	9	3524578	7	1134903170	2	9
55	1	17711	8	9	5702887	1	1836311903	8	9
89	8	28657	1	9	9227465	8	2971215073	1	9
144	9	46368	9	18 = 9	14930352	9	4807526976	9	18 = 9
Num. Sum:	52 = 7		65 = 11 = 2	9		52 = 7		65 = 11 = 2	9

Table 3.

The analysis reveals a striking pattern: the numerological values in the first two columns of the table form a repeated sum of 9 when paired vertically—i.e., the 1st position added to the 13th, the 2nd to the 14th, and so on.

Furthermore, the exact same sequence of numerological values repeats every 24th position, indicating that the Fibonacci sequence exhibits a cyclical numerological pattern with a period of 24. When this cycle length is reduced using *Formula 1*, the resulting value is 6.

This reinforces the conclusion that the Fibonacci sequence is inherently connected to the 369 code, with both 9 and 6 emerging as fundamental numerical anchors within its internal structure.

7. The Solfeggio frequencies

The Solfeggio frequencies comprise nine specific sound frequencies traditionally used within spiritual and sound-healing communities. Each frequency is purported to support particular aspects of health and well-being. Although these claims have often been viewed sceptically, recent research into sound therapy is beginning to validate its complementary role in medicine—for example, in pain reduction, improved bone mineral density, and positive effects on brain

function (3). A handful of studies have also examined the Solfeggio frequencies themselves, most notably 528 Hz (4, 5).

Frequency (Hz)	Purported Effect(s)
174	Pain relief, relaxation, sense of security
285	Tissue regeneration, energy balance, restoration
396	Release from guilt and fear; Root chakra balancing
417	Cleansing of negative energy; promotion of change; Sacral chakra balancing
528	Transformation; DNA repair; love; Solar Plexus chakra balancing
639	Harmonization of relationships; Heart chakra balancing
741	Detoxification; problem solving; Throat chakra balancing
852	Enhanced intuition; return to spiritual order; Third Eye chakra balancing
963	Spiritual enlightenment; pineal gland activation; Crown chakra balancing

Table 4. Solfeggio Frequencies and Their Purported Effects

To investigate their connection to the *369 code*, I applied *Formula 1* (digit-sum reduction) to each frequency value, see table 5. Remarkably, every reduced result falls into the set {3, 6, 9}. This consistent emergence of 3, 6, and 9 provides compelling preliminary evidence that the Solfeggio frequencies are likewise embedded within the universal numerical pattern explored throughout this paper.

Moreover, it is the very geometry of DNA—with its pentagonal and hexagonal rings in the nitrogenous bases—that underpins the pervasive “9-ness” of our genetic material. Each fundamental ring shape (pentagon or hexagon) has an internal angle sum which, when reduced via *Formula 1*, yields the numerological value 9. Thus, the Solfeggio frequencies (all reducing to 3, 6, or 9) resonate directly with the basic geometric architecture of our DNA, providing a compelling rationale for their potent healing effects on the body.

Frequency	Divided into single digits			1 st reduction	2 nd reduction	Numerological value
174	1	7	4	1 + 7 + 4 = 12	1 + 2 = 3	3
285	2	8	5	2 + 8 + 5 = 15	1 + 5 = 6	6
396	3	9	6	3 + 9 + 6 = 18	1 + 8 = 9	9
417	4	1	7	4 + 1 + 7 = 12	1 + 2 = 3	3
528	5	2	8	5 + 2 + 8 = 15	1 + 5 = 6	6
639	6	3	9	6 + 3 + 9 = 18	1 + 8 = 9	9
741	7	4	1	7 + 4 + 1 = 12	1 + 2 = 3	3
852	8	5	2	8 + 5 + 2 = 15	1 + 5 = 6	6
963	9	6	3	9 + 6 + 3 = 18	1 + 8 = 9	9

Table 5.

8. Conclusion

Across diverse domains—mathematics, natural phenomena, molecular geometry, and sound frequencies—the recurring pattern of 3, 6, and 9 emerges consistently. The brief survey presented here offers only an initial glimpse; far more examples await exploration.

Revisiting the simulation hypothesis introduced at the outset, the evidence marshalled in this article substantiates the claim that our perceived reality is not an absolute but a highly sophisticated construct—an emanation of a universal script: the 369 code.

Moreover, drawing on principles of quantum physics, we recognize that matter itself is vibration—energy oscillating at specific frequencies (6). It is thus plausible to conceive of the *369 code* as the underlying algorithm that guides these oscillations into the material forms we experience.

Ultimately, the *369 code* may be understood as the fundamental program authored by consciousness, the “divine director” orchestrating the unfolding of our simulated universe.

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References

1. The Matrix as Metaphysics, David J. Chalmers, University of Arizona, 9/21/09, <http://consc.net/papers/matrix.html>
2. Are you living in a Computer simulation?, Nick Bostrom, Philosophical Quarterly (2003) Vol. 53, No. 211, pp. 243-255
3. Possible Mechanisms for the Effects of Sound Vibration on Human Health, Lee Bartel, Abdullah Mosabbir, Healthcare (Basel). 2021 May 18;9(5):597.
4. Effect of 528 Hz Music on the Endocrine System and Autonomic Nervous System, Kaho Akimoto, Ailing Hu, Takuji Yamaguchi, Hiroyuki Kobayashi, Health, 2018, 10, 1159-1170 <http://www.scirp.org/journal/health>
5. The Effects of 528 Hz Sound Wave to Reduce Cell Death in Human Astrocyte Primary Cell Culture Treated with Ethanol, Babayi and Riazi, Journal of Addiction Research & Therapy 2017, 8:4
6. Recherches sur la théorie des quanta, Louis de Broglie, Annales de Physique, 10th ser., 3, 22–128 (1925). English translation: https://fondationlouisdebroglie.org/LDB-oeuvres/De_Broglie_Kracklauer.pdf