
INVESTIGATING LOUIS PASTEUR'S DISSYMMETRY (CHIRALITY) PRINCIPLE

By Pierre Beaudry, 6/29/2025

My response to EIR colleagues on the following statement by Louis Pasteur on his principle of dissymmetry quoted from the bibliography of Hilaire Cuny.

"If the mysterious influence which is responsible for the dissymmetry of natural substances were to change its direction, the constituent parts of all living things would assume an inverse dissymmetry. Perhaps we should find ourselves confronted by a new world. Who can say what the structure of living creatures would be like if cellulose, instead of being right-handed, became left-handed, and if blood albumen, which is left-handed, became right-handed? These are mysteries that will call for immense efforts of investigation in the future, and which already demand the most serious scientific consideration."

"What is the source of these dissymmetrical actions, which may arise from cosmic influence; does that source lie in light, or electricity, or magnetism, or heat? Is it related to the movement of the Earth, or to electric current by which physicists account for the Earth's magnetic poles? We are not yet in a position to put forward any conjecture whatsoever concerning the problem. But I believe we are compelled to conclude that dissymmetrical forces are concerned in the construction of all organic products; forces which seem to be absent or without effect in chemical reactions induced in the laboratory, either because these reactions take place so abruptly, or through some other, unknown cause." [[LOUIS PASTEUR: THE MAN AND HIS THEORIES](#), A Fawcett Premier Book, by Hilaire Cuny]

You are correct to focus on Pasteur's principle of dissymmetry (chirality) and reversibility in the universe as a whole, and primarily with life, electricity, and magnetism, because all three domains are triply-connected as in a spherical dodecahedral manner as I discuss in my May 6, 2025 report: [THE ZEPP-LAROUCHE SPHERE OF CHANGE](#)

My *hypothesis of the higher hypothesis* for Pasteur's concept of dissymmetry¹ is that there are three fundamental forms of human knowledge (music, geometry, and arithmetic), which are fundamentally determined by triply-connected dissymmetrical forms of time-reversal chirality. The process is, to some degree, reflected transformatively in the paradox of the One and the Many within the domains of geometry and of counting numbers. The One of the Many demonstrates the reason why prime numbers are missing in waves **3, 6** and **9** in Figure 2. Think of these two Figures as geometrical metaphors of the dissymmetrical nature of the human mind, which both express the paradox of the One of the Many.

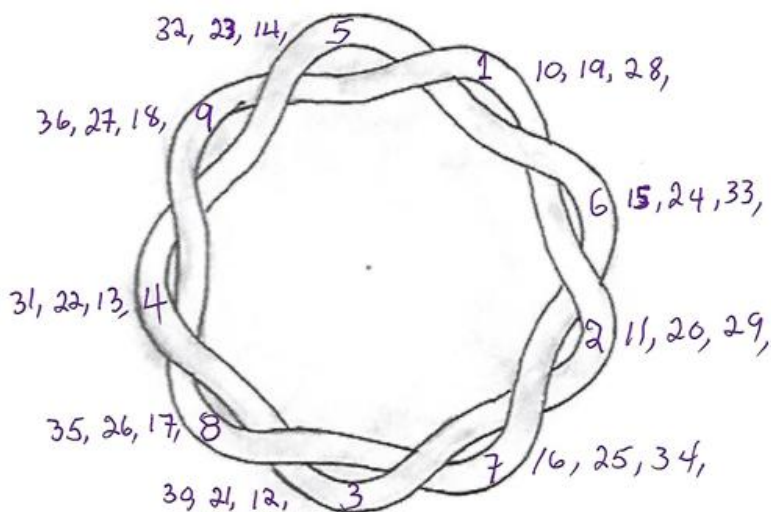


Figure 1. Geometrical-arithmetic metaphor for the One of the Many.

¹ Louis Pasteur, [La Dissymétrie moléculaire](#), Belgian Public Domain Association Publication (BPDA), Conférences de la Société Chimique de Paris, 1884.

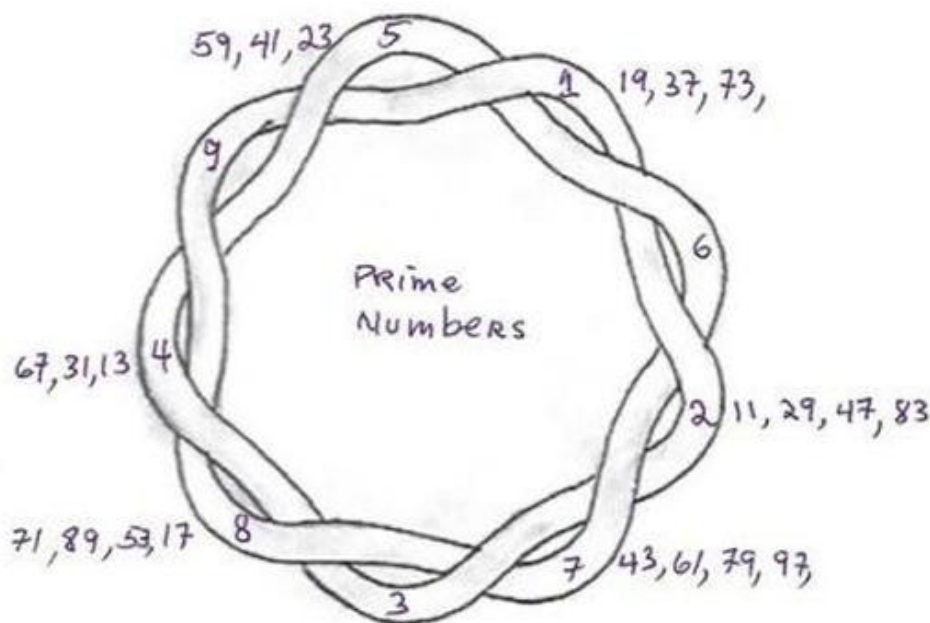


Figure 2. Metaphorical motion of prime numbers (2 Mod. 9).

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The prime numbers from 1 to 100 are 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97...

If you study the preestablished harmony of prime numbers in Figure 2, you will discover that by locating them as opposites, two by two, in parallel positions, they will all be equal to 9; that is: $[4+5=9]$, $[8+1=9]$, $[3+6=9]$, $[7+2=9]$. The singularity, here, is that three wave locations, that is, 3, 6, and 9, will remain empty of prime numbers, indefinitely, in such a cycle. The question is: why are these wave locations empty? The reason is because, as you count all of the prime numbers by rotating clockwise, their ordering will demonstrate the left-right dissymmetrical principle of triple-connectedness. Moreover, those three wave positions of 3, 6, and 9, are the only ones among all numbers which follow such a dissymmetrical principle. All other numbers are doubly-connected reciprocals depending on these three numbers from a higher standpoint. To demonstrate this higher domain's existence, you must add-up all of the units of all of the prime numbers in a way such that they will reveal the underlying process of their left-right parallel dissymmetry.

$$\begin{aligned} [4+5 = 9] \quad 23+13 &= 36 \text{ or } (3+6) &= 9 \\ 41+31 &= 72 \text{ or } (7+2) &= 9 \\ 67+59 &= 126 \text{ or } (1+2+6) &= 9 \end{aligned}$$

$$\begin{aligned} [8+1 = 9] \quad 17+19 &= 36 \text{ or } (3+6) &= 9 \\ 53+37 &= 90 \text{ or } (9+0) &= 9 \\ 89+73 &= 162 \text{ or } (1+6+2) &= 9 \end{aligned}$$

$$[3+6 = 9] \quad \quad \quad = 9$$

$$\begin{aligned} [7+2 = 9] \quad 43+11 &= 54 \text{ or } (5+4) &= 9 \\ 61+29 &= 90 \text{ or } (9+0) &= 9 \\ 79+47 &= 126 \text{ or } (1+2+6) &= 9 \\ 97+83 &= 180 \text{ or } (1+8+0) &= 9 \end{aligned}$$

$$\begin{aligned} [4+2 = 6] \quad 13+11 &= 24 \text{ or } (2+4) &= 6 \\ 31+29 &= 60 \text{ or } (6+0) &= 6 \\ 67+47 &= 114 \text{ or } (1+1+4) &= 6 \end{aligned}$$

$$\begin{aligned} [2+1 = 3] \quad 11+19 &= 30 \text{ or } (3+0) &= 3 \\ 29+37 &= 66 \text{ or } (6+6) &= 3 \\ 47+73 &= 120 \text{ or } (1+2+0) &= 3 \end{aligned}$$

Why do all of the prime numbers added to their parallel opposite reciprocals add up to the triply-connected unity of **9, 6, or 3** without exception? My hypothesis is that it is because the underlying preestablished harmony of all prime numbers reflects Pasteur's dissymmetrical reciprocity principle of chirality. Remember also that a clockwise-counterclockwise time reversal action is also a form of chirality dissymmetry. I am interested to know what you think. You may reply to: pierrebeaudry@larouchepub.com

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