

THE ALLIANCE OF DOUBT WITH CERTAINTY

Antonio Cassella¹

¹ President of Research Autism LLC (FL) and Director of Imerisya (Instituto merideño de investigación de la inteligencia social y del autismo, Mérida, Venezuela).

Correspondence: Antonio Cassella, 1270 N. Wickham Rd. 16-613, Melbourne, FL, 32935, USA.

Received: July 6, 2022 Accepted: July 25, 2022 Available online: August 24, 2022

doi:10.11114/ijsss.v10i5.5692

URL: <https://doi.org/10.11114/ijsss.v10i5.5692>

Abstract

Hitler assaulted the USSR in June 1941. The Russian resistance in Stalingrad/Volgograd, Moscow, and Leningrad/Saint-Petersburg, together with the American factories of vehicles and ammunitions, won WW2. The West forgot the heroism of Russians when refusing to approve about thirty years ago a Marshall-like Plan to redistribute the assets of the communist state, thus firming the hand of the Oligarchs who bought major properties in Russia with few and cheap legal pieces of paper. America and Europe forgot then that the Soviets had half the deaths of WW2, with 40% Ukrainians. Today most people forget that Russia and Ukraine can help us avoid now WW3 and a possible avalanche of global warming, an action more vital than the war between two Slav nations coined in the Rus' of Kiev 1000 years ago.

1. Introduction

Can we say now that a West-European politician does not exist (1st attention) if she doubts (2nd attention) the dumb strategy of feeding a war that ambitious politicians without discernment (3rd attention) find justifiable? People without doubts—for instance, those helping a victim (i.e., Ukraine) from the atrocities performed by a disrespectful aggressor (e.g., Russia)—have no need for hope. After getting the ironic ways of the 3rd Attention, however, hoping individuals may emulate Saint George, or Saint Volodymyr/Vladimir, in taming their inner dragon(s) and saving both civilization and nonhuman species. For many are called (the cluster of options inherent in quantum coherence), but few are chosen (choosing a major problem and an ironic solution through quantum decoherence) (Matthew 22: 14, KJV).

2. Hypothesis

Hope is needed only by doubting people who know that the future is rigid, flexible, and ironic simultaneously, as was the true mother who lied to King Solomon, denying her maternity, to save her child from death. Another example is the plane of complex numbers (z), the Third Attention, and nature's nature. Repentance in the actors involved in the Russian-Ukrainian war could save two billion children from dying too early under the irreversible consequences of the social and physical havoc raised by WW3 or by a global-warming avalanche: the true problems of all species on Earth.

3. Discussion

In Act III of the tragedy *Hamlet*, the eponymous Prince of Denmark expresses his doubts through words as “to be or not to be.” Hamlet suspects that his uncle Claudius, the actual king, has murdered his brother and the previous king, Hamlet's father. If Hamlet believed the accusations of his father's ghost in Act I, his ire would kill Claudius. And if he believed the honesty of his uncle, who had even married Hamlet's mother (the autistic-like Queen Gertrude), the prince would marry Ophelia, his fiancée. Hamlet takes neither action. His doubts prevent the hasty ending of *Hamlet* in Act I.

Since Act I, Hamlet must believe in the coincident innocence and guilt of Claudius, a doubting (coherence) incoherence that revives the spectators of the five Acts of *Hamlet*. Hamlet wants justice, and while he searches for it, he remains in doubt, as with a judge/juror who must hear both the defense lawyer and the prosecutor.

When a fair trial starts, a fair judge/juror doubts, within the quantum coherence that hugs chaos and order at once. Quantum coherence is not schizophrenic chaos. Although Hamlet may seem mad, he is not so. Similarly, within quantum coherence, a fair judge/juror tries to understand who is right. Few people realize that the doubts of whoever hopes and searches cause the clarity of whoever finds a new, repetitive, and stable truth—an illusion, since most truths are unstable, except the anthropogenic cause of the ongoing global warming and manufacturing of weapons of mass destruction (WMDs). Yet the opponents to Roosevelt's Lend-Lease Act in 1941 deny today this actual truth.

In 1868, the American logician Charles Sanders Peirce (a family name pronounced as the word “purse”) advanced two propositions: a) “the **griffin** does not exist; and b) “the **griffin** is a quadruped with wings.” Peirce implied then that the two affirmations make together the **science of irony**. But his friends and enemies misunderstood him, abandoned him as if he did not exist, and forced him to live a life of poverty and solitude. He hid from creditors in a stairless, elevated room of his Pennsylvanian house and in New York, while his Harvard friend William James kept that Peirce had founded with him philosophical pragmatism; thus showing that James’s psychology never **conceived of** Peirce’s **irony**.

Through a **fantastic centaur** or a **griffin** in whom the head, chest, and paws of an eagle have behind them the stomach, paws, and tail of a lion, Peirce pointed at two **principles of cerebellar nonlocality** associated with **fantasy** and **doubt**:

- a) “**a thing may lie (nonlocal entanglement) in separate places simultaneously**” (e.g., a schizophrenic eagle in the sky and an autistic lion on earth), which conveys an **infinite speed**; and
- b) “**separate things may share the same space at the same time**” (in the **nothingness** of the **nonlocal superposition** by which a lion and an eagle share the same self).

Since **infinity** and **nothingness** are absurd, denying their existence in a **skeptical leader** is normal. Our rigid side (classical computing in the cerebral cortex) makes us take the cerebellar **griffin (quantum computing)** as a Jezebel.

Yet we **unconsciously use Jezebel** when the “you” marked by an interlocutor becomes an “I” in our reply. Autistics’ cerebrum **cannot use** pronouns right (Kanner, 1943). If we tell an autistic kid, “You are tying your shoelaces,” he will call himself “you.” Autistics are mentally blind, for their **cerebellar-nonlocal quantum computing** is damaged.

In Homer’s *Iliad*, the Greek Achilles kills the Trojan Hector by denying the **griffin**. Achilles knows that his spear cannot penetrate his former armor, which Hector had taken away from Patroclus, the best friend of Achilles. Thus, Achilles launches his pointed spear toward the exposed neck of Hector. Since Achilles’s spear and Hector’s neck **cannot share the same space at the same time**, the Trojan hero remains mortally wounded. Alike, unexploded cluster bombs maim innocent civilians, years after they are launched. After killing Hector, Achilles drags his corpse over the Trojan soil for weeks, before abandoning it to Greek spears, the teeth of stray dogs, and the beak of birds of prey. Yet Achilles delivers that same corpse intact to Priam, the king of Troy and Hector’s father. Homer implies that Hector’s corpse, the rocks of the Trojan soil, the canines of wild dogs, and the beak of vultures and crows “**shared the same space at the same time**,” a principle of **griffins**, **ghosts**, and **Jezebels**. For that same principle, Achilles cannot hug the **ghost** of Patroclus.

From there we can deduct the two principles of classical computing set in cerebral locality:

- a) “the same thing cannot exist in separate places simultaneously (akin to Einstein’s finite speed of light; and
- b) “Separate things cannot share the same space at the same time (akin to Pauli Exclusion Principle in physics).

Peirce’s **science of irony** (the **3rd attention**) **joins** the reason of our cerebral cortex (our **1st attention**) **with** the reason of our cerebellar cortex (our **2nd attention**). By denying the value of brotherhood, the misplaced **2nd attention** of Russian and Ukrainians militaries hides the **irony** of the **3rd attention**, as in the **spite** that abuses the tryzub.

The Slavic trident (tryzub) stamped in the coins of Saint Volodymyr/Vladimir at the Rus’ of Kiev about 1000 years ago represents the union of the three attentions **recognized** by Peirce. Sadly, Ukrainians and Russians are now involved in a war fed by hatred, the clarity of their **1st attention**, and the **malice** of a militarized **2nd attention**, far from **doubts** and **hopes**. Ukrainian President Volodymyr Zelensky wears a tryzub on his green/black flannel when he meets his allies; but his tryzub shows little when he receives **skeptical** people unfamiliar with his constitutional tryzub. Why?

The tryzub/tryzub wanted by Saint Volodymyr/Vladimir is illegal to Russians and legal to Ukrainians, although both nations venerate their common ancestor of 1000 years in the past. In the end, the war between legality and illegality belongs to the **1st attention**, as does the central tooth of the Ukrainian tryzub and the spear **Achilles** used to kill **Hector**.

Leonardo da Vinci knew that, without **knowledge**, the respect/idiocy of the **1st attention** and the **diabolical malice** of some military and political leaders cannot **improve reality**. That is why when Pier Soderini, the Republican **gonfaloniere/dictator** of Florence, asked him in 1503 to paint in the Hall of the 500, at the Palazzo Vecchio, the 1440’s *Battle of Anghiari* won by the Republic, Leonardo’s art **emphasized ironically** (e.g., the **z of complex numbers**) the bestiality of the Milanese “condottiere” Niccolò Piccinino and of his son Francesco in trying to seize Florence’s Standard from its Venetian, Florentine, and Papal defenders, idiotically horrified by Milan’s drive and lack of respect.

In his mural *Battle of Anghiari*, over a battle won by the Florentine League against Milan, Leonardo separated the respect/disrespect of the **1st attention** from the **artistic talent** inherent in his **2nd attention**. In so doing, he highlighted the eventuality of the alliance of the **1st** with the **2nd** attention, within the **3rd attention**. Unfortunately, that alliance never **entered** the battlefield of Anghiari. Although they were all Christians, the contending factions never **caught** the hidden meaning of the verse: “Hail Mary, full of Grace, the Lord is with thee.” No **1st**, no **2nd**; and no **2nd**, no **3rd**.

Since he did **catch** the **ironic promise** (the **3rd attention**) hidden in Leonardo's **2nd attention**, Giorgio Vasari hid the center of the *Fight for the Standard* (the central part of the *Battle of Anghiari*) at 7.035 meters under the center of his *Battle of Marciano*. He **knew** that the upper part of the *Battle of Anghiari* had melted under Leonardo's choice of a calcium carbonate cast, instead of the Volterra gypsum he had used in the lower portion of the East Wall, on which he had painted the *Fight for the Standard*. Further, when he fired a few cauldrons on the floor, Leonardo was seemingly unaware that in a heat cell the heat goes up. Thus, Vasari's words "**cerca trova**" on his *Battle of Marciano* and his decision to protect the upper empty wall of the *Battle of Anghiari* makes a **promise of progress** for all species on Earth.

4. Conclusion

The finding (**z** and the **3rd attention**) (<https://doi.org/10.11114/ijsss.v10i3.5532>) of a 4.2 (height) x 6.2 (length) meters *Fight for the Standard* in the Hall of the 500 at Florence's Palazzo Vecchio, with a center at 7.035 meters under the center of Vasari's *Battle of Marciano*, would illustrate:

- a) The **grace** that **skeptical** European politicians associate to the **union** of **Volodymyr** with **Vladimir** and the **repentance** of the two Slav nations involved now in a useless **war**;
- b) the **simultaneous** **legality/illegality** behind the **tryzub**;
- c) the effort by Russia, Ukraine, Europe, USA/Canada, China, India, Australia/New-Zealand, and Israel to bar a global warming slide and another Great Dying, as in the Permian-Triassic about 252 million years ago;
- d) the meaning of the phrase, "**égalité, liberté, fraternité**," uttered in France about two centuries ago;
- e) the fact that without **fraternity**, global warming and WMDs would destroy civilization;
- f) the **seven dragons** that **Christ** moved out of **Mary Magdalene** before **she got** the **ironical meaning** of **fraternity** in the French church of Rennes-le Château, where **Asmodeus funds** the **holy water bowl**;
- g) the **hope** and **progress** brought by **Fa Mulan** to **China**, as a metaphor for **saving** civilization and all of **us**.

Brotherhood makes the best **alternative** to changing the wavy **order** experienced by humans in the last million years into a million-year **chaos**, which would take away all **hopes** of a future **progress** in our descendants.

The tenfold increase of global population and of the per-capita energy consumption in the two centuries that succeeded the Great Divergence of 1825 has not been crucial in raising the **artistic** and **spiritual progress** of our confused young.

By contrast, **knowing** the **true meaning** (**z**) of the **tryzub** may **keep** the **smile** of our descendants. Let us face it: The **devil/dragon(s)** in the first **half-circle** of **z numbers** equals our **Guardian Angel**. Both the **devil** and our **Guardian Angel** belong to the **2nd attention**. Yet only the **grace** of our Guardian Angel (**Michael, Saint Volodymyr/Vladimir, or Saint George**) can give us the **complex circle** (**z**) of the Third Attention, which includes a 2π , or tau, angle in radians. (See Figure 13 at <https://doi.org/10.11114/ijsss.v10i3.5532>.)

Geronimo upheld that "No one can **stop** the **wind** with **bullets**." **Old age**, though, **stopped** that **Apache dreamer** and **medicine man**. Before it is too late, let's **trust** a new **Govaalé** to open the door to **progress** and leave **madness** behind.

Acknowledgments

I thank my wife Ligia Josefina Uribe.

About the author

The website <http://researchautism.com/> offers free documentaries about the author's "logos heuristics."

References

- Cassella, A. (2022) A cognitive view of the cosmos and the universal grammar. *International Journal of Social Science Studies*, 10(3), 91-110. <https://doi.org/10.11114/ijsss.v10i3.5532>
- Kanner, L. (1943). Autistic disturbances of affective contact. *Nervous Child*, 2, 217-250.
- Peirce, C. S. (1868). On a new list of categories. *Proceedings of the American Academy of Arts and Sciences*, 7, 287-298. <https://doi.org/10.2307/20179567>

Copyrights

Copyright for this article is retained by the author(s), with first publication rights granted to the journal.

This is an open-access article distributed under the terms and conditions of the [Creative Commons Attribution license](#) which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.