

# The Alliance of Classical and Quantum Computing

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## Abstract

The author posits that the eight billion humans on Earth cause global warming. We have halved most nonhuman species, woods, and aquifers. Unless we re-educate our young, we will destroy the permafrost, our world, and all life. Re-education in the family will allow us to value God's three gifts: (1) memory (autism, classical physics, finiteness, or the first attention lodged in our cerebral cortex), (2) our freedom to lie (quantum physics, infinity, Tree-of-Knowledge, or the second attention bust in autism and lodged in our cerebellum), and (3) the alliance of memory and freedom into a third attention, or the Tree-of-Life. In any dolmen of Stonehenge (Wiltshire, England), the two vertical stones (classical computing, finiteness, or the universe and anti-universe) ally with the horizontal stone (quantum computing, infinity, or simultaneity), as rigidity (e.g., bread) allies with flexibility (e.g., water or wine). Rigidity allies with flexibility in a Virgin Mary that courageously opposes malignity in returning to a newer light. Mary returns with the grace, hope, blessing, pain, humility, love, and kindness of any person interested in the welfare of others, mostly those that badly need help to live.

**Keywords:** autism, classical physics, complex plane, dolmen, finiteness, global warming, infinity, life, light, lying, quantum physics, Stonehenge, Tree-of-Knowledge, Tree-of-Life

## 1. Introduction

As I did one year ago and eight in the past (Cassella, 2024, 2017), in this article I praise the finiteness attached to autism (the first attention-intention [abbreviated into the first attention]). To me, autism stands for classical computing and the laws of memory lodged in our cerebral cortex: "separate entities cannot share the same space" (Pauli Exclusion Principle) and "any entity exists in one place at a time" (Locality). Without these laws, the Roman Longinus could not have speared Christ, nor could we sit or stand on a chair. Yet in London's King Cross Station, the fantastic Harry Potter boards a train between platforms 9 and 10. In going to his Hogwarts school, Potter (or the creative J. K. Rowling [1997]) must ALLY the local laws of autism with the nonlocal laws of magic, as in any dolmen of the circle of Stonehenge (South England).

Unlike the laws of local computing (the first attention), nonlocal quantum computing (the second attention) goes by the laws of lying: "Separate entities (e.g., Harry Potter and the bricks between platforms 9 and platform 10) can share the same space" (Coincidence) and "the same entity may exist in several places simultaneously" (Entanglement). The traveling of Potter by train denotes an ALLIANCE of the cerebral laws that rule the autism spectrum disorder (ASD) with the cerebellar laws *absent* in that spectrum.

Within locality, we could open the door of a music room, read the musical notes above a piano, and even play that instrument. Through nonlocal Entanglement we could enter that music room imagining of being Beethoven. Finally, by ALLYING locality with nonlocality, we could match Beethoven's creativity. Can music teach patience to autistics?

The ALLIANCE (the 3<sup>rd</sup> attention) of local finiteness with nonlocal infinity allows the just to walk with God. Divinity might help us stun malignity by skipping global warming (Figure 1). Hope feeds the good intentions of God's mother.

A year ago (Cassella, 2024), I tried to show that *in my view* our excessive number and the use of fuels generates global warming. The wearing of Earth's Commons (e.g., its air and aquifers) could erase life on Earth. Having halved nonhuman species and forests, eight billion human beings alive are too many. Yet our planet could sustain 800 million people if we taught our children to "tak" (in Scottish) a cup of kindness by helping the poorest amid the poor (e.g., disabled children).

We can and should teach all children to walk with God. As the philosopher Blaise Pascal showed four centuries ago, people should bet in the existence of a God that *can have any want* (in Italian: "Vuolsi cos'icolà dove si puote ci d'è che si vuole" ["it is thus wanted where wishes come true"]). The latter verse fits the Florentine Dante Alighieri's "Comedy" of

the 14<sup>th</sup> century (Alighieri, 2016). *I believe* that global warming will vanish if we walked with God as did Dante.

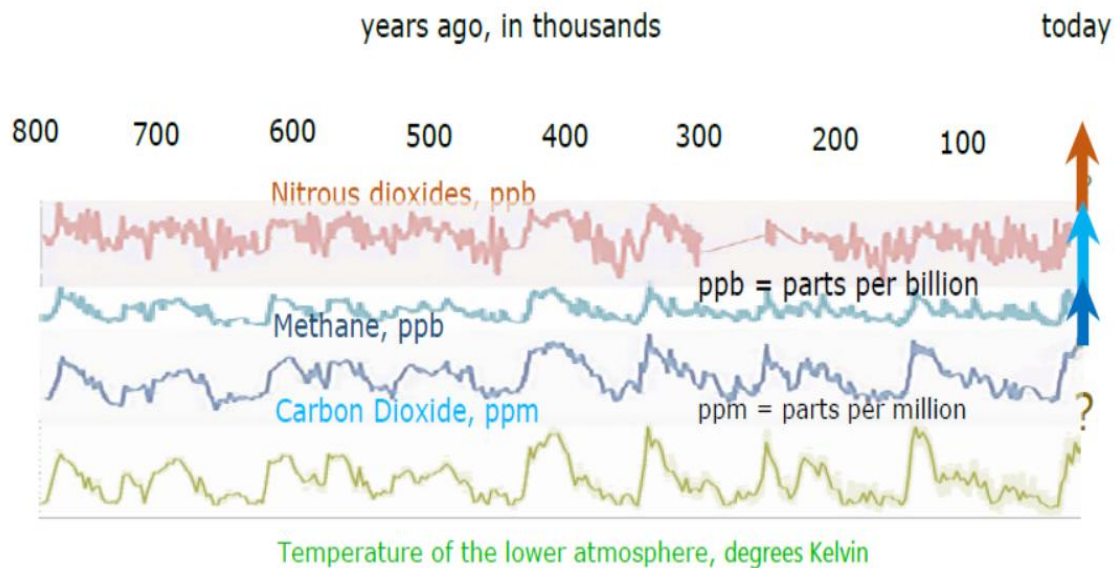


Figure 1. Dilution of Nitrous Dioxides, C<sub>4</sub>, CO<sub>2</sub>, and temperature of the lower atmosphere in the last 800 000 years.

The exceptionally high concentrations of nitrous oxides (red, ppb), methane (ppb), and carbon dioxide (ppm) shown at the right end of Figure 1 (Cassella, 2024) *shows to me* that ice ages and hairy Neanderthals will not come about anymore. The Sixth Report of the IPCC (International Panel on Climate Change, 2021) admits that a *climate crisis* is on our way. *In my view*, the Paris Agreement of limiting the rise of global temperature to 1.5 °C (degrees Celsius) will fail. I told so (Cassella, 2017) USA's Senator Robert Kennedy since twenty years ago (Figure 2). Yet if China and India helped other countries change the composition of our air and we re-educate our kids, then, we will never see the cruel effects of global warming.

As Dante Alighieri did six centuries ago, we could re-create the future of our children's children by reflecting on and then valuing three gifts that God gave us: (1) the finiteness of autistics' memories, (2) the infinite freedom to lie (the Tree of Good and Evil), and (3) their ALLIANCE in the divine Tree of Life.

The first gift (classical computing, or any vertical stone in any dolmen at Stonehenge [Wiltshire, England]) supports the second gift (quantum computing, or any horizontal stone there); and the second gift supports the third gift (the ALLIANCE of classical computing with quantum computing, or any dolmen of Stonehenge). Early cavemen knew!

In Stonehenge, for instance, upon breaking a vertical leg of any dolmen, it would fail. Unlike horizontal stones there, autistics cannot consider that a real thing (e.g., the horizontal stone) shared the reality of two other things (the vertical stones). Yet, keeping autistics' memories allows us to repent in life, love needy neighbors, love God, and get God's love.

In 1995-1997, I studied in Harvard University the cognition left in autistics (Cassella, 1997). I found there that, unlike nonautistic controls (e.g., Down individuals or normal ones) autistics pass performance IQ (Intelligence Quotient) protocols (e.g., Proper Self) and fail verbal-IQ one (e.g., Theory-of-Mind).

As did Leo Kanner in his article of 1943, in Harvard I too found that my autistic subjects incurred pronoun reversal. Kanner described the autistic spectrum disorder (ASD) 82 years ago. Yet autism and our minds continue to be mysterious.

Kanner wrote that autistics like repetition, incur echolalia (the senseless repetition of words and sentences uttered by others), and seldom take context into account. He also observed that autistics are absorbed by the perfection of roundness.

Thirty years ago, I supposed that a unique defect motivated autistics' inclination to repetition, echolalia, and the inability to pay attention to context. Yet I could not explain then the unique reason underlying ASD, which includes mild together with severe cases. What charms autistics? (Consider that there are four times more autistic males than females). What is the quality that refreshes females? What causes the progress of societies where females are free to do what they want?

In Figure 2, I deal with my early worrying about global warming, which we can dispel by exploring autism and our minds.

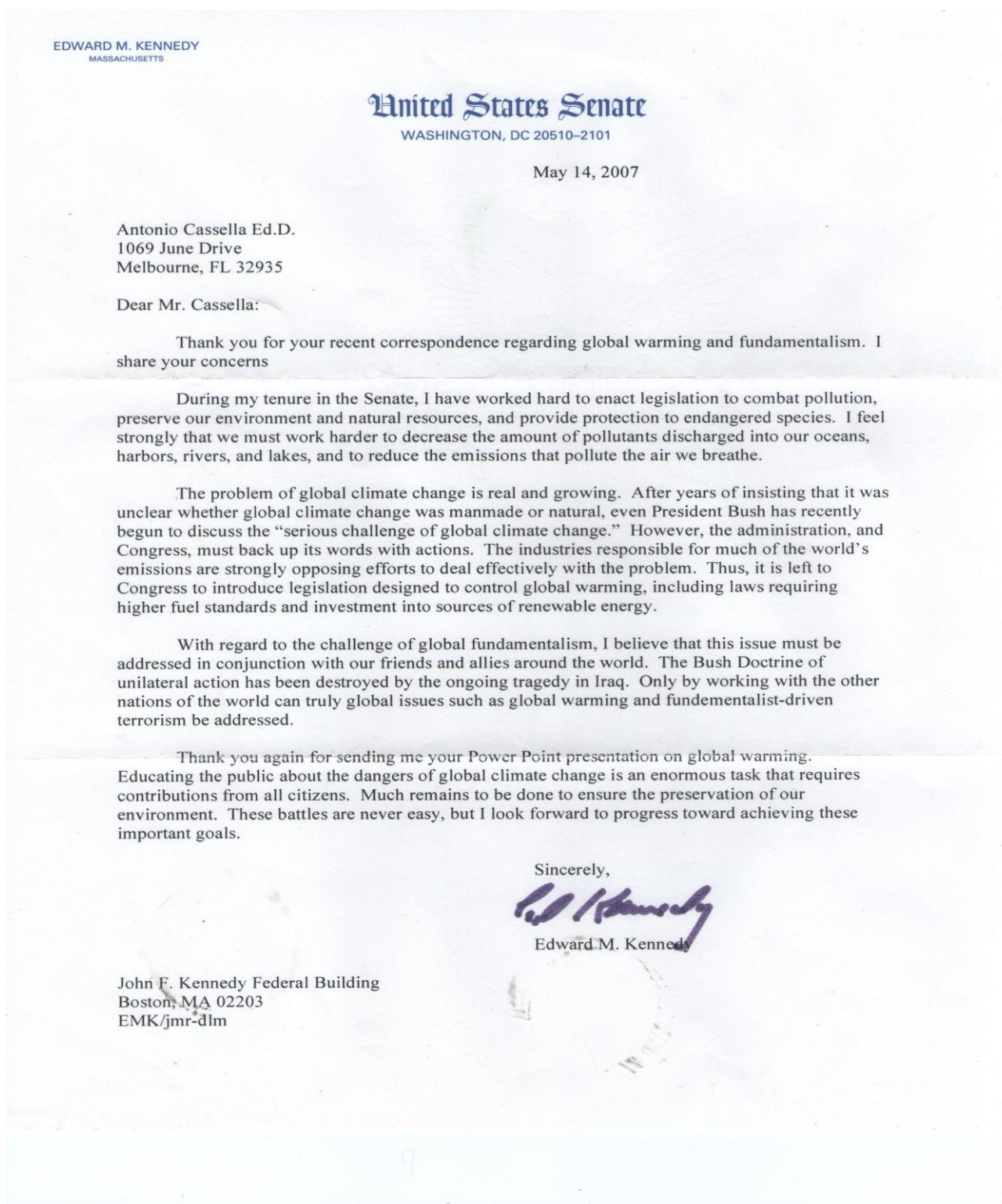


Figure 2. The letter that USA's Senator Edward Kennedy wrote to me in 2007.

The fact that nonautistic controls pass performance and verbal IQ protocols always **intrigued** me. In this article I explain the **reason** for the superior **skills** of nonautistic controls. Simply, a malfunction cuts **quantum computing** in the cerebellum and brainstem of autistics. Since **autistics** cannot **lie** nor **sin**, they are true **angels**. Through **them**, **God** shows how the **human brain** (Figure 3), the **universe** in the sky, **life** on Earth, **Divinity**, and **Sacred Texts** work their **wonders**.



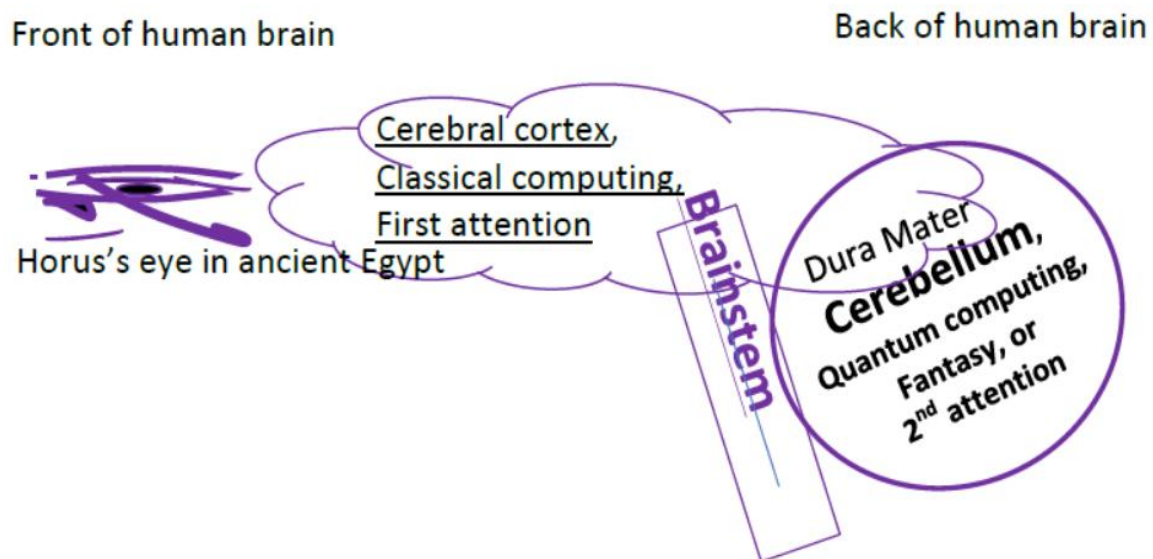


Figure 3. Classical computing, quantum computing, and their ALLIANCE in the brainstem.

## 2. Hypotheses

My latest hypothesis (that autistics lack a dimension of quantum computing), rises 30 years after my research in Harvard University, the CEEPR (Center for Energy and Environmental Policy Research) of M.I.T. (Massachusetts Institute of Technology), and my research at UNESR (Universidad Nacional Experimental Simón Rodríguez) in Venezuela.

Now I posit that, unlike a dolmen, autistic toddlers sense only our vertical asymmetry (finiteness, classical computing, and my first attention). I also hypothesize that nonautistic children develop both our vertical asymmetry and our horizontal symmetry (the second attention, infinity, and quantum computing). Yet in intending only what meets their urgencies, nonautistics befit the best actresses (girls excel at controlling their innocent keepers with their stacy comedy).

In the view of autistics' finite memory and locality, nothing can share the space it occupies with another thing (as it happens in good actresses) or exist at once in various places. Yet, quantum physics is as real as autism. The ALLIANCE of our vertical finiteness (e.g., locality) with our horizontal infinity (e.g., the grace of water-blood) is real.

As Figure 3 indicates, three shades of reality reside in water and anything alive: (1) witnessed locality in the finite and reliable memory kept in our cerebral cortex, (2) cerebellar infinity in the quantum nonlocality protected by the "dura mater" ("tentorium cerebelli" [Latin for "tent covering the cerebellum"]), and (3) the ALLIANCE of cerebral locality (rigor) with cerebellar nonlocality (elasticity) in about 5,000 microcomplexes (Ito, 2011), which include the brainstem.

That ALLIANCE includes the evasive dynamics of cerebellar Purkinje cells (Ito, 2011), the deep cerebellar nuclei, and the brainstem. Nonautistics may feel free to sin and to negate God's existence. Nevertheless, each of us lives because of God's love for creatures that can lie (the Tree of Good and Evil) to save (the Tree of Life) others from a senseless death. Badly, many of us lie to enjoy indulging (e.g., unlawful sex, drugs, superior and abundant food, luxurious houses, etc.).

## 4. Results

Cassella (2002) quantifies my research on the autistic brain in Harvard University, the CEEPR, and U.N.E.S.R. I emphasize that the research I undertook in Harvard was quantitative. Twenty autistic and nonautistic subjects were examined in relation to two protocols: Proper Self and Theory of Mind. The first protocol included a meta-representation ruled by Performance IQ (Intelligence Quotient) in the terms dealt with by Piaget (1983), whereas the second protocol covered a meta-representation that was ruled by Verbal IQ. Surprisingly, autistics subjects outperformed normal subjects in passing Proper Self, but failed all instances of the Theory-of-Mind protocol. Hence, a qualitative question rose from the quantitative experiment undertaken under the direction of the psychological department of Harvard University: what was the reason for the ability of autistic subjects to easily pass Proper Self? The fact that I needed about 30 years to arrive at a possible answer indicates that answering autistics' surprising and outstanding performance makes a very relevant issue. Understanding what limits autistics could allow us to skip global warming and our descendants to explore the universe.

## 5. Background

### 5.1 Leonhard Euler, Catherine the Great, and Woldemar Voigt

As in a **CROSS**, the **ALLIANCE** of our vertical asymmetry **WITH** our **horizontal symmetry** creates four quadrants. **We** respond to the **complex plane** imagined by Leonhard Euler in the Russian Saint Petersburg University, under the leadership of **Catherine the Great**. Yet, seemingly opposing the perfect beliefs held by autistic individuals, Euler's **complex plane** echoes our finite vertical uniqueness along its horizontal axis, and our **infinite horizontal symmetry** along its vertical axis. For example, Einstein represented horizontally the finiteness of the speed of light (300 000 km/sec).

Unlike cavemen 400 000 years ago, a 90 degrees difference in representing horizontally our vertical finiteness and vertically our **horizontal infinity** has misled many mathematicians. A ninety degrees turn also misled Niels Bohr in his dialogs addressed to fight Einstein's confidence in viewing the link between known science and **quantum physics**. Bohr adhered to finite probability, while Einstein (1935) preached the incompleteness of **quantum physics**. Both ignored the **third attention**. Einstein acted as if he never noticed the simultaneous and opposite forces that transformed the **tension** of his upper and lower lips into a **kind smile**; and Bohr (Einstein, 1935) disregarded his **complementarity**.

Einstein may have read the article written in 1887 by Woldemar Voigt (1887), at the University of Göttingen, on the Doppler effect (e.g., the frequency change in an ambulance surpassing us). Whatever the case, Einstein never credited Voigt. *In my view*, Voigt saw that  $c^2$  (the square of the speed of light [c]) feeds the equality that Einstein presented in 1905: Energy=Mass multiplied  $\times c^2$ , the path to atomic and hydrogen bombs. Did Einstein's first wife (Mileva Marić) **know**?

### 5.2 Ettore Majorana, Hydrogen Bombs, Neanderthals

I consider that the Italian nuclear physicist **Ettore Majorana understood** before WWII that danger for civilization lied in our denial of memory, more than in the making of hydrogen bombs. The making of a hydrogen bomb by blasting an atomic bomb was affirmed by Enrico Fermi in Rome's La Sapienza University. *In my view*, the design of hydrogen bombs already hid in the creative speech of Neanderthal hunters. They could injure and devour bisons while tenderly **chanting**.

I posit that those cavemen **realized** in 400 000 BCE (Before the Common Era) that human beings can **create divine schemes** or incur a **diabolic lying** that could endanger their future. **Greedy liars** resemble the 1<sup>st</sup> Roman emperor (Octavian) more than **Julius Caesar**. E.g., drug cartels that offer drugs to children follow the **devil** and not **justice**. I also posit that Romans never outdid their best lawyer and guard: "**Cicero**" (the mole on his nose resembled a "chickpea" ["cicero" in Latin]). **Cicero realized** that dictators learn too easily how to embrace injustice and dominate others.

Neanderthal women cooked in caves adorned by hanging stalactites and matching stalagmites on the floor. They must have found that cutting horizontally any stalactite or stalagmite resulted in a circle with a focal point at its center. Inclined cuts (conics) gave ellipses, parabolas, and hyperbolas with two focal points, one of them frequently located in **infinity**.

In some French caves, Neanderthals left stalactites and stalagmites placed in circles and ellipses (Jaubert et al., 2016). Perhaps, Neanderthals saw that finiteness and infinity court **void** on the tip of a stalactite or stalagmite and in the **water** that unites them. E.g., finiteness and infinity combine in **spiral galaxies**. In them, matter grows from **central nothingness** toward **external infinity**. As in a **spiral**, autistic finiteness and **outer infinity** derive from an **empty center**.

Neanderthals expanded to the Far East, as proved by the 2% Neanderthal genes found in modern Chinese. They faded in 50 000 BCE with European glaciers. I posit that, before waning, Neanderthals educated the Yellow Emperor and Laozi in China, as well as priests of the "House of Thoth," who trusted **Isis**, the Egyptian goddess that assisted her husband **Osiris**.

### 5.3 Mark Antony, Cleopatra, and Cicero

As Isis, the Ptolemaic Greek **Cleopatra VII** was the last Egyptian Pharaoh, whose son Caesarion with the inspired and lucky **Julius Caesar** was killed by the first Roman Emperor, **Octavian**. Cleopatra **knew** that the laws of memory are different from the laws of strategy. Also, that we can **ALLY** memory **with** strategy. Although Mark Antony was a good strategist, he lost to an Octavian aided by the awfully bright and lucky **Marcus Agrippa**. Cleopatra **understood** that neither **Antony** nor **Octavian** would ever absorb her ancient knowledge. After that **realization**, **she** abandoned Antony.

As Cleopatra **intuited**, Octavian Augustus finally conquered supreme political power, hoarding all the gold that Egypt could gather from Punt. He loved Greek **theaters**, where actors briefly abandon the memory of their real self. By killing faulty children, Roman senators forsook to stop Octavian and Mark Antony from proscribing **Cicero**, the just defender of their ancient Republic. As with **Cicero**, in any **dolmen** of Stonehenge, the **horizontal stone** courts **nonlocal infinity**. But the two vertical stones embedded in gravity court finiteness and locality (or the universe that sustains the anti-universe).

Cleopatra VII could not change the evil mind of **Antony**. Thus, Cicero placed his head outside the curtain of his going stretcher, easing the aim of the speedy *assassin* that Antony had placed behind him. Cicero's severed head was exposed in the Roman Senate, together with his right hand, under the belief that he had used it to write his speeches. Unlike **Julius Caesar**, Roman senators never **got** the hidden **ALLIANCE** of classical **and** quantum computing in their **Sacred Texts**.

That is not surprising, considering that the creative **Marcus Agrippa** built the Roman Pantheon after beating **Cleopatra**.

#### 5.4 The suicide of Queen Boudicca

According to the Roman historian Tacitus (Church and Rodrib, 1876), after destroying London around the year 61 CE (Common Era), 80 000 Britons headed by Boudicca (queen of the Iceni [a Celtic tribe located near East Anglia]) were destroyed by the Roman governor of Britain, Gaius Suetonius Paulinus. Boudicca had killed 70 000 Roman-Britons out of her rage over two daughters raped by Roman soldiers. Finally, her ignorance over how Roman legions fought, and her inability to understand the Sacred Beliefs prized by her **druids**, forced Boudicca to poison herself after her defeat.

#### 5.5 The Illumination of Siddhartha Gautama

Around the fifth century BCE, an illuminated sage, **Siddhartha Gautama**, found the cause of suffering near Magadha in north-east India (west-central Bihar State today). Siddhartha decided to communicate his findings along the three stages of meditation. Buddhism was thus born and brought to the Egyptian Alexandria by the Hindu Emperor Ashoka in the third century BCE. Later, Buddhist monks shaped “Chan” in China and “Zen” in Japan. Yet illumination *remained personal*. E.g., **Mahatma** (great soul) **Gandhi** exemplified the wonderful ability of some human beings to **walk with God** in life.

#### 5.6 The Failure of Theory-of-Mind Protocols by Autistics

In 1985 Uta Frith and Simon Baron-Cohen asked if autistics have a Theory-of-Mind (Baron-Cohen, S., Leslie, A. M., and Frith, U., 1985). The cause for autistics’ failure of Theory-of-Mind protocols is described in depth in the Discussion Section of this research paper. Just recall that autistics *cannot sense* that different entities **can share the same space simultaneously**, or that the same thing (e.g., one single hair on our head) may **exist in several places** (on the head). Their injury *allows me to posit* now that the autistic spectrum disorder (ASD) obeys the lack of our **ability for lying: quantum computing**. *I hope that I will be refuted* and that the *global warming underway* (Figure 1) is only my fantastic chimera.

In a film about Homer’s Odyssey, released in 1954, Kirk Douglas (Odysseus) and Anthony Quinn (Antinous, the head of Queen Penelope’s [Odysseus’ wife] suitors) returns to his Ithaca Island and greets his dog Argos. Odysseus had no time to enjoy Argos’ innate swiftness for he had to leave for the ten-years Trojan war depicted in Homer’s Iliad. Although ten years more had passed, according to the Odyssey, **Argos** recognized **Odysseus** before he secretly entered his royal palace. The goddess **Athena** had transformed Odysseus in an old man, but Argos wagged his tail before dying on his manure bed. The death of the forgotten and tick-infested Argos makes a fundamental verse of the Odyssey: “the eyes in the dream of death he closed” (my translation). Odysseus’ tears mark his personal concern and justify his  **fury** on Penelope’s suitors. He had delayed by ten years his return to Ithaca after bragging his mental superiority over the one-eyed Polyphemus, son of sea-god Neptune. Neptune punished Odysseus by leaving him many years in the island of the enchantress Circe.

In his book “Through the Looking Glass and what Alice found there,” Lewis Carroll (1871) devises a wasp who tells Alice (the protagonist of “Alice in Wonderland”) that one eye (in the like of Polyphemus) in humans would suffice. The wasp emphasizes indirectly the difference between the vertical asymmetry and the **horizontal symmetry** in human beings. Humans should acknowledge the difference between the vertical and the **horizontal** elements of our body.

## 6. Discussion

### 6.1 Sacred Texts and Artificial Intelligence

Though venture capitalists back Artificial Intelligence (AI), they are unable to **read** the teachings concealed in all **Sacred Texts**. For example, most readers cannot **read** Laozi’s “**Tao Te Ching**,” the “**Bhagavad Gita**,” the “**Bible**,” the “**Popol Vuh**,” and the “**Qur’an**.” Since bankers do not know what intelligence is in human beings, they cannot back an intelligent computer, able to **solve problems** and to **devise jokes**. At present, no machine can be as creative as human beings **are** after age three months. At present, we deal only with autistic computers that cannot add anything **creative** to their rigidity.

Antony (Julius Caesar’s main general) knew that a soldier can survive the loss of one arm, hand, leg, brow, or eye, but not the loss of his neck. Despite his experience in war, he never split the vertical from the **horizontal** elements of a human being. In his writings about “Alice in Wonderland” (Carroll, 1865, 1871), Oxford’s logician Lewis Carroll made up a Queen of Hearts who often asks for cutting the head of her card-guards. Her husband, the King of Hearts, **pardons** all.

### 6.2 Why Autistics Are Important

Only autistics show us that we need both fictional characters of Carroll’s novels. In a **just life**, we need both the cruel queen **and** the **bland king**. Similarly, Russian Empress **Catherine the Great** believed in the fairness of the Roman historian **Tacitus**. He realized that greedy characters do not understand the **justice** of **walking with divinity**. **Just souls**, however, **walk with God** because **God walks with them**. So did **Enoch**, son of **Cain** (Alter, 1996), in the retelling of **Moses**. Only autistics can explain to us why **Moses** commented the ability of the seventh patriarch to **walk with God**.

As with angels directed by the voice of **God**, autistic toddlers sense only our vertical finiteness (classical computing).

They can lay in one place only but cannot lie at once in separated places (as it happens in a bow), share the same space with another thing, or exist simultaneously in opposite worlds. Their defect is an absent quantum computing.

Autistics cannot comprehend treason because they cannot reason with the patience brought by the ALLIANCE of classical computing and quantum computing in a bow under tension or in loving a neighbor with a desperate need.

The psychologist Jean Piaget (1983) wrote that, after consolidating the proprioception of their self around age three months, egoism may induce children to manipulate their caretakers, for example by crying to change their intention.

The study of Piaget suggests that after age three months, all nonautistic children can develop a theatrical capacity.

In other words, after the age of three months, most of us become too sensitive to the diabolical power granted by God to the infinity of our horizontal symmetry. After age three months, we can lie to bend reality (e.g., children's acting).

We forget that the true, angelical, and innocent memories kept by autistics in our cerebral cortex support especially the voice of God. We also forget that our complacency with food, sex, vices, devilish power, and greed cannot dismiss illnesses or inescapable death. We forget that avoiding the second death (as preached by Saint Francis) is a foremost aim.

Some nonautistic children can thus realize too early in life that play-pretend can boost their power and comfort. Actors, for example, learn to stop temporarily the memories of the self, as if they were not part of the love of God for creative human beings. Unfortunately, some actors end up believing their own lies. E.g., if Hamlet went home dressed as Hamlet, and asked his wife to call him "Hamlet," she would send him to a madhouse. (Recall that the cerebellar mad cannot return to cerebral autism). Without the help of a good psychoanalyst or psychiatrist, mad people cannot return to cerebral autism.

Unlike the few prehistoric builders of Stonehenge, extremely good actors lose the possibility of returning.

The greedy and the crazy do not realize that the only way to return is to better the future of others who greatly need help.

Greedy liars, people with bad intentions, and wild individuals do not see that lying to help a neighbor in need may feed justice and walking with God. Malevolent and greedy liars, then, cannot walk with God. Malevolent liars do not realize that eating the fruit of the Tree of Good-and-Evil (e.g., the diabolical act of lying) is *crucial but insufficient*.

Thus, the decision to ban their autistic memory may disallow their spiritual dolmen and prevent malevolent liars from repenting while living. Hence, the ALLIANCE of classical and quantum computing will forever spurt malevolent liars.

Malevolent liars are thus free to deny both the existence of God and a divine judgment after our unavoidable death. As it goes, God will not protect nasty liars or guide them along their lives. Malevolent liars may even endanger the riches stored by their relatives (e.g., properties, bank accounts, or social status). Aiding them regain their decency is not easy.

### 6.3 Catherine the Great

For example, bad pronunciation in the Russian uttered by the Queen Catherine the Great and her gross errors of Russian grammar and syntax hid from many ambitious courtiers of her her capacity to comprehend by instinct the ALLIANCE of reality and fantasy. As in every dolmen of Stonehenge, that ALLIANCE feeds the Trinity held by the Eastern Orthodox Church. That compassionate empress kindly valued the Orthodox Russian Church and its liturgy and values.

As with Enoch, Catherine the Great "walked with God as much as God walked with her." She believed in the goodness of her Illuminist ideals to Russian commoners. No illness and circumstance of her life could destroy her thought of Russia and its leaders as the backers of the Third Rome and of the Trinity believed by the Orthodox Church in Russia.

The Third Rome (a local-nonlocal concept not to be confused with the local Italian Rome, the Turkish Istanbul, and the Russian Moscow) would carry to fruition the ALLIANCE of quantum computing (the Second Rome) and classical computing (the First Rome). The ALLIANCE of the First Rome (memory in classical computing) with the Second Rome (symmetry in quantum computing) will fuse quantum and classical computing (as in any dolmen of Stonehenge).

In other words, classical computing (the First Rome) *cannot be abandoned*. I presume that Catherine the Great realized that in human beings protected by the capacity of God to remember the future, classical computing seeks to ALLY with the fantasy introduced by quantum computing.

Again, finite classical views will remain indispensable to our wellbeing after death. We need not die twice in a cosmos and Churches (all of them) in which God walks with just people and just people walk with God.

Whatever denies witnessed memories also denies the existence of God and of the creative and repented people who love God as much as they are loved by God (e.g., the return of Quetzalcoatl to the moon pyramid in Teotihuacan).

### 6.4 The Alliance between Finite and Infinite Speed

Finite speed allows our cerebral cortex to see only one face of a coin, within the memory of the reality perceived by our senses, also located in our cerebral cortex. Yet infinite speed would let us see both faces of a coin at once. ALLYING local finiteness with nonlocal infinity is equivalent to walking with God in life in order to avoid the second death.

“**Walking with God**” implies seeing both faces of a coin **simultaneously** while enhancing our **kindness** with a needy other. E.g., the **Good Samaritan** who paid an innkeeper to *cure a needy stranger was in two locations at the same time* (his own **and** the location of the wounded neighbor), while he never abandoned the **finite memory of his real self**. We need the **ALLIANCE** of **finiteness** and **infinity** to help our neighbors in need or to re-create witnessed reality. The memory cherished by our **cerebral cortex** is surely physical. Yet our **kindness** toward a stranger courts **reality**, **reality**, and **reality**. E.g., upon seeing a coin minted by Tiberius Caesar, Christ said (Luke 20:25): “Render therefore unto Caesar the things which be Caesar’s and unto God the things which be God’s.” He meant that there is a **reality** beyond **personal memory** and **fantasy**. The **ALLIANCE** of **memory and fantasy** reveals God’s **love** for us and our **love** of the poorest poor.

Without **ALLYING** **finiteness with infinity**, or **classical with quantum** computing, no one can “**walk with God**.” Chinese folks believe in the help of their ancestors. But the tale of the bold *Mulan girl-male soldier* shows that Chinese ancestors will send their keenest **dragon** to help only creative and just liars. Unrepented and uncreative liars will fail God’s after-death judgement. Unlike Saint Francis of Assisi, uncreative **liars** will be devoured by hungry wolves, or rats.

#### 6.5 Heroes, Celtic Cemeteries, Circles, Spiral Galaxies, and Gaza’s Pyramids

Christian knights conquered Jerusalem in July 1099. They rejected then the **ALLIANCE** of **finiteness and liars’ infinity** by eating children born to Islamic and Jewish women. Christian heroes as the Italian-Norman Tancred, however, sought justice by **solving problems**. Thus, Tancred **walked with God**.” And God **guided him** along his personal course.

We can especially “walk with God” in a Celtic cemetery. Most Celtic tombs show a **cross** with a circle in its center and a **devil** resting on its left upper arm. Any circle has an **infinite** number of radiuses that **meet** in the **nothingness** of its **center**. For instance, **spiral galaxies** grow to any **finite size** by hurling **central nothingness** into **peripheral infinity**.

The **devil** can travel only along the upper two quadrants of a tombstone. The lower two quadrants of a tombstone denote the possibility of returning to the initial startup location. But, unlike the **Virgin Mary**, the **devil** cannot return by touching a **blessed repented soul** sleeping under a tombstone. Because the **lying devil** wishes only the subjugation of weak souls, he or she cannot consider a **return** to a better world for his victims, as did the Tathagata (“**Thus returned**”) **Buddha**.

Perhaps the Chinese masters Kongzi and Laozi educated the Buddha. Perhaps Buddha **understood** Laozi’s “Tao Te Ching.” Perhaps practicing Buddha’s three meditation techniques helped his monks to **ALLY** their **first attention with** their **second attention**. In any case, success would remain a personally experienced event: *no need for a fake certificate*.

Neanderthals, priests of Thoth in ancient Egypt, Cleopatra VII, Moses, the Colombian El Dorado, the Italian philosopher Antonio Rosmini, and all poets **knew** and **know** that we need to **ALLY** two sets of forces to **walk with God**.

**Moses** called them **Thummim** and **Urim**, whereas Toltecs, located in the ancient Teotihuacan (about 12 miles north of Mexico City) called them **Tonal** and **Nagual**. Only by **ALLYING** the **Tonal with** the **Nagual** can we **walk with God**. The Turkish poet Junus Emre (Junus Love) **walked with God** after meeting **justice** in the abbey of the dervish sage Taptuk Emre. Junus’ **name** became so known among Turkish Muslims, that the Iranian poet Rumi felt a divine link with him.

**Names** are **repetitive**. Robert Alter (1996), a recognized expert of ancient Hebrew, affirms, however, that the name “**Adam**” means only “**human being**.” My hunch is that God decided to **walk with human beings**. Those **humans** that **repent** and follow **justice** before dying, **win** a better existence *after death*. To achieve that aim any person must go beyond his or her abusive habits. The driver who always violently opens the door his car, for example, is a negligent loser.

In another example, ancient Egyptians **knew** that the two **diagonals** of the **squared base** of any pyramid **were also** two diameters of the hidden outer **circle** that contained that **squared base**. Dividing the length of the circumference of any circle by its diameter always gives Greek  $\pi$ ; and Greek  $\tau$  when dividing the length of any circumference by its radius (as advised by M.I.T.).

Any pyramid was well built if its left and right sides of its base square (under a north-oriented usual map) pointed **North** while the center of the outer circle hidden at its base was aligned vertically with its **pyramidion**. As it goes, Giza’s three pyramids (Khufu’s, Khafre’s, and Menkaure’s), can be connected to one built more north by Pharaoh Djedefre. The four pyramids define two first-degree triangulation-circles, intersecting at Khafre’s pyramid in the west. The two intersecting circles covered the Nile’s delta and a green area south of Memphis (Cassella, 2018), the capital of ancient Egypt.

Civilization in Egypt could only last if a **just return** to the conditions that preceded a flooding of the Nile River could be reached. **Just pharaohs** would not back injustice by not returning to real borders after a deep Nile’s flood. Today, **knowledge** of the stability of civilizations is gone with the wind. For instance, few politicians **see** the havoc on our way.

Alike, most people ignore why autistics fail ToM protocols. Few people **understand** why autistics cannot **cross** a wall of bricks (as **does Harry Potter**) or **exist in two places at once**. Still, writers in the like of **J. K. Rowling** (1997) do **know**.



## 7. Concluding Remarks

Unlike Egyptian pharaohs, unjust leaders will never solve the **problems** unleashed by the undue growth of human population, egoism, greed, ambition, and their effect: global warming. Today, too many people leave justice behind.

Unjust nonautistics, who falsely allege oblivion of what they witnessed, may not pass God's judgement after death. What God will do with them cannot be known. However, their denial of memory may hamper their rebirth after their death. E.g., if one breaks any column of a dolmen in Stonehenge, the **horizontal stone** and the whole dolmen would cease to exist.

We also know that the Colosseum, built by enslaved Jews under Trajan and his son Titus, destroyed republican values. The buried Pompei showed, however, that the courage of gladiators continued to be prized. There are no survivors on Earth; yet gladiators entered the Roman Colosseum saying: "Ave Caesar, morituri te salutant" ("Hail Caesar, we who are about to die, salute you"). Instead of seeking old age, gladiators obeyed their individual courage. And Roman viewers liked it.

We must wish anybody the possibility of repenting while living. By contrast, unrepentance in the Roman soldiers who used their right to sort the use of Jesus' clothes did not lessen the pain of His Mother. Somehow, agony will touch us all.

Seeking the ways of insatiable wolves cannot avoid an inclement death. Still, whoever walks with God in communal reality (for example, any modern pharaoh who understood the true meaning of the Third Rome) might experience a sympathetic divine judgement after dying. I recall the exhortation of Saint Francis of Assisi to survive our second death.

As in a dolmen, humans and their societies should follow the ALLIANCE of finiteness with infinity. When ALLYING memory (or classical computing) with nonautistics' capacity to lie (or **quantum computing**), no entity needs to fear global warming. Creative persons will retain a capacity for solving tough problems. For example, Pharaoh Sesostri I got that God was with Joseph. Thus, he chose him as a viceroy of Egypt. Perhaps the personal history of the first Joseph is sheer fantasy. However, the story of Rebecca's son with Jacob charms the minds that walk with God at some point in life.

Walking with God does not imply an easy path. If we love God and needy people, however, God will guide our acts. God could even wake us up from a deep sleep to protect us from an event that could disturb our life and his plans.

Around the year 61 CE, God abandoned Queen Boudicca of the Iceni tribe in East Anglia. The Romans reached the bonnie (beautiful) banks of Loch Lomond in Scotland, and set the ground for the eponymous song.

More than Boudicca's inexperience about Roman legions, she was defeated by her rage to defend the honor of two daughters raped by Roman soldiers. Although the "**Tree of Good and Evil**" had helped her kill 70 000 Briton-Romans, rage in her mind muffled her "**Tree of Life**." Boudicca should have visited the nearby Stonehenge. Any dolmen would have shown her that no **horizontal stone** would survive the break of a vertical stone.

Again, I stress the eventuality that modern Russia might acquire through untold pain the true view of Moscow as the Third Rome. The loss of the permafrost in two thirds of Russia would endanger that country and the whole world. Once free, ancient microbes and viruses trapped in the permafrost might result more risky than modern bugs. The world could suffer a plague more horrible than the one witnessed in Florence by Giovanni Boccaccio. Due to the maritime and air traveling incurred today by most humans, it is easy to imagine that world population would shrink a lot if unknown viruses and bacteria (now trapped in the permafrost of Russia, Canada, and Greenland) were freed in modern age.

Yet the UNION of locality and nonlocality in the Third Rome is difficult to understand and teach to modern parents and their **theatrical** children, all anxious of personal satisfaction.

We need not abandon our descendants, however. We might try to understand the ALLIANCE of classical with **quantum** computing in God, universal void, light, any Sacred Text, and the smile that lightens a kind face.

Among the odd solutions we may consider, *which I believe perhaps wrongly, lies the fact* that we could induce the right levels of oxygen and carbon dioxide (CO<sub>2</sub>) in Earth's atmosphere, while keeping the Ozone Layer in the stratosphere.

Dealing creatively and globally with the triple bond in the Nitrogen dioxides that contaminate the atmosphere of the Earth, reducing the concentration of carbon dioxide (CO<sub>2</sub>) there, and controlling the safety of underground methane storage can sustain God's love for us. Re-engineering the atmosphere of our planet will not be an easy task.

Yet any spiral galaxy in the sky shows that love transforms void into hope before transforming hope into living beings.

We enjoy unprecedented **scientific power** to **explore** the sky. We can reach the conditions that surrounded the initial Big Bang and the white holes that led to the universe and its twin anti-universe. Still, we need to choose a Captain that all sailors will trust. Without a knowledgeable and compassionate Captain, ship Earth and the human beings lodged in it will drown. We must choose. And we must choose now.

The conditions we need to overcome are quite serious, and yet we cannot give up.

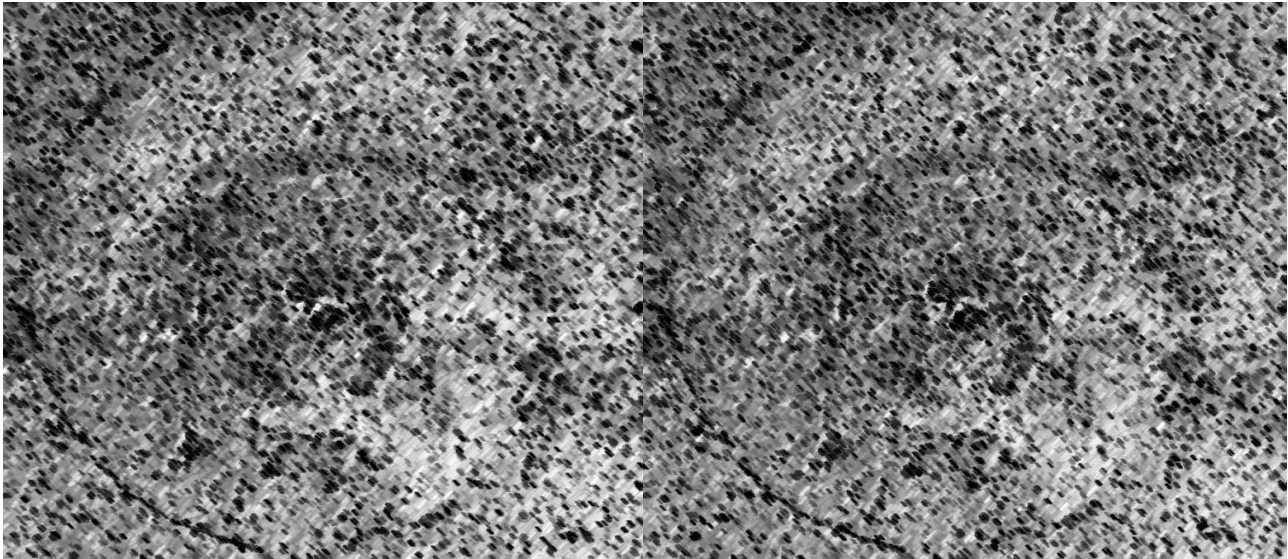


Figure 4. Living beings are born from the love hidden in universal nothingness

As figure 4 suggests, black holes, galaxies, and living beings are born from the love that underlies the void of universal nothingness. We can and should imagine that God's love envelops anything existing. God is distributed in anything and anybody alive. No one knows the reason behind such arrangement.

Perhaps after our unavoidable death we will know the role we play in remembering the past, sinning by killing and eating other live entities, and repenting in life. If we walk with God in life, however, we will know what goes on with reliable memory (e.g., bread), our freedom to sin (water-wine), and their ALLIANCE.

As in the songs "Auld Lang Syne" and "The Bonnie Banks of Loch Lomond" we should see that kindness only sustains our capacity to remember the truth (classical computing), lie impassively, and unite both abilities. In our desire to honor God and our love of needy neighbors, we will meet our love at Loch Lomond and "tak" the cup of kindness offered in the days of Auld Lang Syne.

Kindness cannot be reduced to the sacred Grail sought by medieval knights. Kindness exists only when we ALLY our true memories (classical computing) with our capacity to lie (quantum computing) in favoring the neediest and the poorest.

Within kindness, we realize that love is always a reciprocal phenomenon. God offers his-her love to any creative living being who meets His-Her path by helping a neighbor.

Creativity itself comes from God. Still, no one can feel that his or her creations will end up pleasing other travelers in ship Earth. Recall and hope lighten our love. Memory and hope let us walk with God as did the blessed Virgin Mary.

Human beings remember only local past. **Harry Potter** recalls also magical nonlocality. But just people and God always remember an unwritten and surprising future. If God never abandoned us, should we not meet His or Her divinity as did Saint Francis of Assisi, Saint Anthony of Padua (the Portuguese Fernando Martins), and the Egyptian Saint Anthony the Great?

#### **Brief Biography of Antonio Cassella**

Ed.D in Teaching and Research (UNESR: Universidad Nacional Experimental Simón Rodríguez, Caracas); Master in Psychology (Harvard University, Cambridge [MA]), and B.Sc. in Petroleum Engineering (LUZ: La Universidad del Zulia, Maracaibo, Venezuela).

The web page and the writings of the author can be reached by placing the words "Antonio Cassella, Harvard" in any internet motor, or at Amazon. Readers may also email Antonio Cassella at researchautism.1@gmail.com.

Antonio Cassella was born in Ethiopia in 1940. He had his high-school education in Italy and Venezuela, obtaining a B.Sc. in Petroleum Engineering from LUZ (La Universidad del Zulia) in 1965.

Beginning that year Antonio started working for Exxon's Creole and since 1976 for Strategic Planning of PDVSA (Petróleos de Venezuela). In June 1997, his research of autism brought him a master's degree in psychology, the Thomas Small Prize for exceptional academic achievements (equivalent to a Summa Cum Laude), and the Award for Outstanding ALM Thesis in the Area of Natural and Human Sciences from Harvard University.

In 2001 Antonio Cassella received from UNESR in Caracas a Doctoral degree of Research and Teaching in Education (an Ed.D in the United Kingdom and Canada). His writings in Italian, Spanish, and English (only at Amazon Kindle and Prime) show that **combining** the certainty and reality sought by our autistic self **WITH** the **nonlocal doubt sought by our fantastic self** may allow the **education** of our children after age three months; **save** the remaining nonhuman species, forests, and aquifers; and keep **life** going its own way on planet Earth.

Between 2014 and 2023, Antonio directed the pro-bono research effort of Research Autism LLC. The company published at YouTube and Researchautism.com a series of free four documentary-films on the logos heuristic in English, Spanish, and Italian. The English series goes by <https://youtu.be/DVHGUsVSuow>; the Spanish series goes by <https://youtu.be/pJrrHoNs044>; and the Italian series by [https://youtu.be/M45zQDLA\\_tk](https://youtu.be/M45zQDLA_tk).

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