

RELIABLE INFORMATION

FROM ELEMENTARY PARTICLES TO HUMAN THINKING

István Magai
www.magai.eu

January 2025

1. FOREWORD

We live in an information society, we often say, but we are increasingly faced with the fact that most of the information we receive is unreliable. This may be due to our faulty attitude, mistakes, but innocent or intentional misrepresentation and deception are also not uncommon.

Our biological existence is possible because reliable processes take place in our DNA-based hereditary system, and the body mostly successfully filters out any faulty elements or incorrect information. Our cells and organs are also characterized by stability and organized functioning. Anything that deviates from this is most often damaged or destroyed. Our thinking, emotional and spiritual life, based on our brain's neural network, on the other hand, often turns against its own system and produces and uses unreliable or destructive information.

The situation is complicated by the fact that some people rebel against what is reliable and predictable as a way of life, because it interferes with their worldview or the fulfillment of their desires.

Our media consumption habits favor the practice of some people promising, recommending, saying, and shouting what their audience wants to hear. It doesn't matter if it has no basis or is an outright lie, as long as it can be sold!

An unbridled information war is waged for momentary emotional acceptance. With the trust stolen in this way, it is easy to manipulate the target audience, with whom a special emotional bond is formed.

Both enthusiasm and hatred can attract and hold people and masses captive. Often it is not even clear where the deceptions and unreliable information come from. How can we fall into this trap, and how can we escape from it?

In a better case, the communication of information and its processing, that is, thinking, is organically linked to our emotional, spiritual and vegetative existence. We make most of our decisions on an emotional basis, but we tend to think in concepts, part of which is the communication of information through language.

In addition to physical reality, we are able to build a virtual world around ourselves. In the past, fairy tales, legends, religions, folk customs, and cultural traditions took center stage. Nowadays, these are being pushed into the background because the information flow of our virtual world carries everything. The silent word cannot be understood in the noise. The question is no longer whether this is good or not, but whether we have the opportunity to obtain reliable information and base our lives, actions, and future on it.

Information generally refers to verbal and visual communications, theoretical content, valuable data, descriptions of systems, mathematical formulas, and intellectual products, but we cannot be satisfied with these interpretations here.

The *formation* element in the expression *information* refers to the fact that there is a carrier in the background whose formation is not random, but carries and conveys some order, organizing principle, or effect for those who come after, the present and the future.

Too much information often hinders the filtering of essential content, so in a decision-making situation it is advisable to select only one significant line of force, or rather, line of information, in order to string our knowledge onto it. If there is at least one such reliable line of information, then it must be interpretable in itself, reliable, free from internal contradictions, i.e. **consistent**.

We are therefore looking for a path of information dissemination that can be traced from the beginning of our created world, through material characteristics, through the phenomena of life, to our conscious and spiritual life. It does not require endless reasoning, debate, mystical contemplation, or sophisticated professional knowledge.

It's as simple as a wooden wedge. It's as valid today as it is tomorrow, and it can't be faked.

Our present writing does not intend to compete with the accumulated wisdom, knowledge, experience, and relationship systems related to our lives. We merely wish to point out a turning point that deserves our special attention.

(We provide detailed descriptions of some physical phenomena for those who request them. If this sounds unfamiliar to you, you can skip Chapter 2 or come back later. We use the first person plural out of respect for those who contributed to the creation of this paper with their past activities and knowledge.)

2. LINE OF INFORMATION

We use lines of forces when we want to illustrate force fields and force effects. We use them in the physical and technical sciences as well as when analyzing social force fields. They help us understand what is the antecedent and the consequence of something, that is, what drives processes forward. **Information generally connects the past, events that have occurred, to the present.**

Lines of information, or information propagation paths, are used to illustrate inherited and transmitted information. **We start from the well-known fact that our known material world is made up of colliding, orbiting, accelerating, decelerating elementary particles, atoms, molecules, bodies, and celestial bodies, moving, changing, and (in-) forming.**

Repetitive movements and changes are called **quantization**¹ when the individual components alternate between a minimum and a maximum value. A ping-pong ball dropped on a table also quantizes while it bounces, or a planet also quantizes when it periodically orbits its star. Individual quantizations typically occur independently of each other, but the effects of individual quantizations on their environment are combined. Quantizations do not add up like apples in a basket, because they do not occur at the same time and in the same place, but they can still affect each other through the transfer of information and kinetic energy.

In contrast, the popular physical system called continuum mechanics cannot describe the interaction of the constituent elements resulting from the quantized motion of the elements. It takes the constituent elements into inventory like apples in a basket. During possible transformations, it views the constituent elements as a randomly located set, a medium, of equivalent parts, as if the same thing were happening to each element in the same place, at the same time.

It attributes pressure, temperature, density, and specific heat to the space-filling medium. The parts are just *independent* statistical elements. Information is just a footnote in the measurement protocol. If we do not understand the connections of reality, but we experience its phenomena, then data collection, hypothesis building, and mathematical models can come into play.

Continuum mechanics approximates measurable physical effects, phenomena, and empirical factors without revealing the actual relationships. It is as if we were seeing a snapshot that does not show the process of change. The theoretical foundations have been debated for 200 years, which proves that some fundamental or crucial information is still missing from the discourse.

In contrast, collisions of molecules and atoms, or their quantizations, carry information that is worth dealing with. For example, two nitrogen molecules in ambient air at 20 °C, near the Earth's surface, moving at an average speed of nearly 500 m/s, collide elastically, then bounce back and collide again with other molecules. The mean free path between collisions is $6 \cdot 10^{-8}$ m. Based on this, the average molecule participates in $500 / (6 \cdot 10^{-8}) = 8.3 \cdot 10^9$ collisions per second, which is also called thermal motion.^{2 3}

In reality, the components, i.e. atoms and molecules, cannot be frozen in a snapshot because they move with kinetic energy relative to their environment, collide with each other at different places and times, and these interactions can only be represented as a process of change.

¹ [https://hu.wikipedia.org/wiki/Kvant%C3%A1l%C3%A1s_\(physics\)](https://hu.wikipedia.org/wiki/Kvant%C3%A1l%C3%A1s_(physics))

² Bohátka S. and Langer G. (2012) Vacuum technology, atomki.hu A-M1 1-2-3.pdf 15.p

³ Mean Free Path, Molecular Collisions, Hyperphysics.phy-astr.gsu.edu. Retrieved 2011-11-08.

In a given material formation, a given molecule does not collide with just any molecule, but with the one that falls in its path. Which one falls in its path? This is determined by the preceding collisions. This is no coincidence, because it also had an exact antecedent – and so on until the beginning. Since the collisions do not occur at the same time, the frequency of the collisions, and the change in the frequency, are also determinants of the resulting measurable effect on the environment.

If we want to understand how the frequency of collisions is information and what effect its change has, it is worth reading the detailed description of our ping-pong ball bouncing experiment.^{4 5}

In this, we do nothing more than consistently apply the laws of conservation of matter and energy to systems consisting of quantized motions, i.e., to real life.

In the quantization basic case, a molecule moving with kinetic energy collides elastically with its environment. (see *Figure 1*.) This process creates a kinetic effect that can be consistently described and calculated using the tools of point mechanics (for example, Newton's laws) in the given situation, which we call the **creative layer**. At the creative layer, we cannot yet know what the effect will be like at the macro layer.

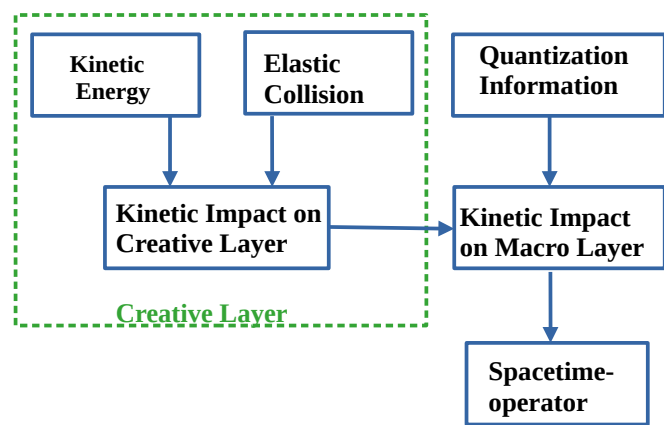


Fig. 1. Quantizing process

(By macro we mean the size that

includes a multitude of atoms.) The relationship and circumstances of the previous and current collisions are carried by the **quantization information**. The macro-layer kinetic impact that affects the environment can only be interpreted by taking into account the quantization information, since the characteristic information of quantization also directly influences the macro-layer effect exerted on the environment. The macro effect is called as Spacetime-operator also.

The quantization information includes the frequency of collisions, the change in frequency, and the length of the collision process compared to free motion.

If the average kinetic energy of moving and colliding (quantizing) molecules in a given air space is not changed, but the average free collision distance between the molecules is reduced, then this change in quantization information, which does not carry a direct change in kinetic energy, still causes a pressure change at the macro level. This is nothing more than a change in the potential energy appearing towards the environment.

The excess energy released to the environment did not arise from nothing, but is the result of a change in quantization, which is carried by the quantization information.

Some people talk about the absorption and release of latent energy (e.g. heat), but we know that there is no such thing as a heat-carrying caloric, and the change in entropy cannot be consistently

⁴ https://www.magaimotor.magai.eu/media/pdf/terido_operatorok_2024_magai.pdf 5.p.

⁵ https://www.academia.edu/125164233/SPACETIME_OPERATOR_Creative_Physics_7

derived from the quantized changes in kinetic energy. A bouncing molecule with the same mass and kinetic energy exerts a greater pressure on the surface of a pressure gauge the more often it collides. The effect of the kinetic energy on the environment at the molecular level is changed by the change in quantization information. The consistent action function obtained at the macro level is called the space-time operator.

Quantization information is an integral part of the environmental, macro-level energy balance. In systems containing quantizing elements, we cannot speak of independent matter, energy, or information.

Quantization information is not carried by bits, pieces of paper, or memory, but is contained in the material itself and transmitted during a process, from discrete event to event.

Our entire known world can be strung together on this fundamental line of information, because there is no existing matter, energy, structure, living being, mental and spiritual process that is independent of it.

Everything that bounces, collides, orbits, radiates, attracts and repels, sees, hears, feels, that is, the entire known universe, contains, combines and transmits quantization information. The existence of Planck's electromagnetic radiation is also evidence of the universally present quantization, which includes both the periodic variation of the electromagnetic field and the repetitive motion of components with mass. We do not know of any subatomic, elementary particle that does not quantize or collide.

Quantization information organically and consistently connects the phenomena and elements of quantum mechanics to the macro world, requiring neither mathematical transformations, conjectures, nor mystical tricks.^{6 7 8}In our opinion, quantum state merging, which is considered mysterious,^{9 10 11}behind it is the consistent presence of quantization information.

The sub-elements, atoms, and molecules have collided before and hopefully will again in the future, so they carry information about their environment and transmit exponentially spreading information to their environment.

The rate (speed) of propagation of the effect and information transmitted through collisions is the same as the rate (speed) of transfer (collision) of kinetic energy of the components and molecules. If we consider only the ambient air, then according to the calculations on page 3, a nitrogen or oxygen molecule participates in an average of $8.3 \cdot 10^9$ collisions in 1 second. Between the $2.45 \cdot 10^{25}$ molecules in a cubic meter of ambient air at 20 °C, nearly $1 \cdot 10^{35}$ collisions occur in one second if two molecules produce a collision with each other. (The 1 is followed by 35 zeros.)

Let's assume that we have enclosed a cubic meter of ambient air in a container. In it, all molecules are moving freely or are colliding. The collision involves a transfer/reception of kinetic energy, and also a combination of information, as shown in *Figure 1*.

⁶ <https://fizipedia.bme.hu/index.php/Kvantummechanika>

⁷ https://scholar.harvard.edu/files/david-morin/files/waves_quantum.pdf

⁸ https://en.wikipedia.org/wiki/Erwin_Schr%C3%B6dinger

⁹ <https://hu.wikipedia.org/wiki/Kvantum-%C3%B6sszefon%C3%B3d%C3%A1s>

¹⁰ https://hu.wikipedia.org/wiki/Koppenh%C3%A1gai_interpret%C3%A1ci%C3%B3

¹¹ https://en.wikipedia.org/wiki/Copenhagen_interpretation

These collisions, combined, act together on their surroundings and, in our example, on the wall of the container. They press the wall with an average force of 10 N per square centimeter, which comes from molecular collisions, we usually say, without being able to consistently derive the transformation of the kinetic (motion) energy of the molecules into potential (pressure) energy. The calculations are about random molecular thermal motion and average force, but these are not material quantities. The molecules that occasionally collide with the wall, as described by the quantization information, are not equivalent to a force concentrated at a measurement moment, averaged in time and space. We use the possible numerical agreement in our models, but we can only calculate the conservation of energy theorem statistically in traditional physical models after the fact and supported by empirical data.

None of the gas pressure, temperature, density, specific heat carry primary information. We cannot use them to say how we arrived at the specific snapshot, so they can only be virtually linked to previous events. We cover this contradiction with the concept of *chance*, which means nothing more than “ *we do not know why now and why there* ”.

There are scientists who introduce information into our material system as an existing characteristic, but so far they have not been able to organically link it to the matter-energy system.^{12 13}The information carried by the concepts of disorder and entropy is also not related to the formation process of the actual quantizing elements.

What is it that we can know reliably, relying on our logical ability?

The quantization information somehow, at some point – initially – entered the material system and we inherited it. Matter and energy somehow relate to their environment, the outward effect of which is not fully determined (deterministically) by the presence of matter and energy. Information cannot be grasped, but its carriers can. **Information transfer is a process containing quantization elements that spreads unstoppably as long as matter exists.**

The information associated with the presence of matter and/or energy not only connects individual phenomena or events to each other, but also to a process. **Information acts separately from matter and energy, but the result inseparably inherits matter, energy and information** as the future starting point of a subsequent event, where the combination of the carried information and the information received from the environment creates a new result, which as part of the process has a new effect on the environment and carries the combined information further.

It is not energy that is inherited separately into energy, and it is not information that is inherited separately into information, but the matter-energy-information system is formed under the influence of the information received/recorded. A better event recording device cannot be imagined. It does not make mistakes, it does not forget, the result is reliable information.

We cannot encounter a thinking person, system, or emotional expression to whom or to which the information propagation line determined by quantization information would not apply. We cannot be left out of this! It can also affect all of our human manifestations, and they too can have a negative impact on material formation through the combination of information.

¹² https://www.google.hu/books/edition/In_the_Beginning_Was_Information/nHuR3_9V03IC?hl=hu&gbpv=1&dq=inauthor:%22Werner+Gitt%22&printsec=frontcover

¹³ https://www.academia.edu/6147414/Entropy_a_guide_for_the_perplexed?email_work_card=view-paper

At this point, we could sit back, because we have found reliable information, quantization, which is the result of real formation, cannot be falsified, and will not disappear as long as matter exists.

The introduction of quantization information can solve many problems, but it also raises questions that may scare some people. That's why we can't stop here. We also need to talk about applications.

3. HEAVY HERITAGE

We have inherited the quantization information that weaves through our lives, from our smallest molecule to our most hidden thought. Does this mean we cannot get rid of our past, not even the last molecule of it, or the information associated with it? It seems that the stem that grew from our roots, cannot be changed afterwards according to our desires. Does this cause a problem?

What about our future? Maybe it also moves in a fixed path along the lines of information? Do we have free will? What are the consequences of our thoughts and actions?

A significant portion of humanity does not consider itself trustworthy and does not want to be. Information is just a flexible tool for them, not a governing principle or a source of energy.

What happens if we paint over the past, deny it? What happens if we forget something? When we die, where does the information part of us that is otherwise not destroyed go?

Quantization information is only a part of our knowledge. How does the flood of information reaching us relate to quantization information? What if some other knowledge or theory contradicts it? What would happen if reliable information really existed that would link our lives together as a process?

Why can there be such different, so contradictory thoughts among different people? As if we don't come from the same matter-energy-information system! What information-combination process can cause such a big difference?

If quantization information is not a lie, then why can we avoid the truth, or lie, make the untrue seem real, or contradict each other?

If our material world works only from the information brought in, then at certain points of combination and decision, someone can interfere and divert it from the outside? How can the product of the human mind contradict the natural, constructive process of life? If the mind is also a direct consequence of the natural process, then would this be a self-contradiction, a malfunction?

We usually think about our fate through the events of the past, present and future, but we cannot connect the series of individual events into a process due to the lack of connecting information, so we resort to "*clever*" solutions: To compensate for the lack of information lines, we can use the *concepts and tools of chance, luck, evolution, selection, hunch and mysticism as we please.*

If our knowledge of the past is weak, then our present situation and our future possibilities cannot be based on reliable information. **Reliable information is reliable because it reaches the present through real processes.**

The process built from past events, combined with information, cannot be destroyed or reversed. There is no past that can be changed by jumping back. Time travel may seem like an exciting adventure, but the known material system of the universe is not suitable for this due to its matter-energy-information-based process.

We can't change the past, but what can we do about the future?

4. ARTIFICIAL INTELLIGENCE INTERVIEWED

The human brain consists of a network of neurons (nerve cells) estimated to be 80~1000 billion. The number of connections between neurons is many times that. Our thinking is based on the functioning of our brain's neural network.

Our learning process begins long before birth and continues throughout our lives. In the first few years, learning focuses on developing safety-promoting skills, when the communication of real information is accompanied by honest, truthful expressions. The natural goal of education is to achieve viability and build nurturing, safe relationships. Later, we can only wonder what our “well-bred” children have become...

Our neurons process and transmit stimuli and information through connections to each other, only a small portion of which becomes conscious to our thinking. Our brain's neural network works in a self-learning mode, which is also modified by environmental influences.

A simplified copy of this incredibly complex network of ours is the artificial neural network¹⁴ (ANN, also known as artificial intelligence, AI). It has self-learning capabilities according to the parameters defined by the programmer. It can do many things that we, humans, can do, only artificial intelligence can be much faster and more efficient than us.

AI can be used to work efficiently, replace human work, play scientist, cause and correct errors. It can debate with humanoid robots, slander while avoiding responsibility, investigate, dig into other people's thoughts, invent and conduct huge scams, manufacture weapons and fight effectively with them. It can compose music, play it, produce images and videos on demand, write lessons, translate text and speech...

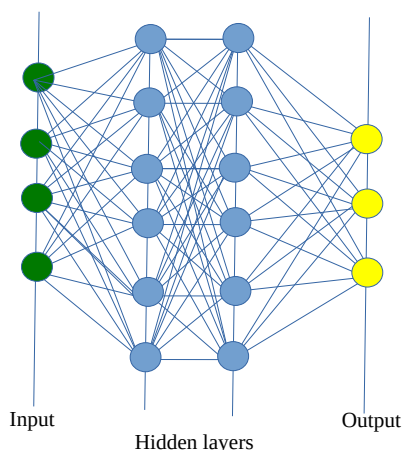


Fig. 2. Artificial Neural Network

The simplified structure of AI is shown in *Figure 2*. The input information is first transmitted by the green input neurons with an initial priority, or weight, to the other neurons connected in the hidden layers. They fire according to the weighting, that is, they send information further along the connections indicated by the blue line. Each neuron in the hidden layer has its own weight, depending on which it summarizes and transmits the information. This weight changes during the learning process. Sometimes, one input pulse from a given neuron is enough to trigger a firing, but it can also be the case that 5-10 incoming pulses trigger an output firing. This behavior is called weighting. If the final result displayed on the yellow output does not reach the set

¹⁴ <https://www.youtube.com/watch?v=MEW9uKyRwV0>

goal, then depending on the error or deviation, we change the weight of the neurons with a feedback, that is, we modify the information processing and transmission function. This process is called (machine) learning. It's as if we were telling the AI that this result is not good enough, try modifying the signal transmission priorities and weights, and run again! If we build the network in such a way that error correction is automatic, then we can talk about self-learning. There are also different versions of this. Due to the large number of modifications and their rolling effect, the programmer cannot follow the changes from neuron to neuron.

The information transmission between neurons does not occur simultaneously, and they can even be nested within each other, so without knowing the process of the changes, we cannot even decipher the transmission paths, let alone the weights and transfer functions. Test runs can be performed only knowing the final result, but their reliability decreases sharply with the increase in the number of runs and the size of the network.

During learning, we cannot sort out between neurons whether this is good or not, so a corrective feedback can not only improve, but also spoil previously good information. We do not need to provide false weights or data to get a corrupt result. By corrupt we mean data or information that contradicts reality, is unreliable, or is damaged.

AI also incorporates unnoticed, unintentional deviations or errors into its neural network, which over time come to life on their own, causing unrealistic results.¹⁵ These later become normal, producing results that are disconnected from reality, i.e. corrupt.

It seems that no matter how hard we try to build and train a self-learning neural model from realistic, true elements, it will sooner or later become corrupt and unreliable.

If the programmer prohibits further self-learning in a given state, we end up with a *smart* device that no longer learns, but only processes data on its existing, frozen network. Then, for all identical input data, we get the same output result, no matter how many times we try. This corresponds to the practice of traditional numerical computing.

We have seen that if we intervene during training with either positive or negative feedback and instruct the network to process information in a modified way, we are not only modifying a piece of processed information, but we are also changing the entire neural system. The functions and reactions of the neurons operating in the network also change step by step. As a result, over time, all processed, embedded information is modified in some way. Both that which was close to the expected value, and also that which was still real and reliable at the input, but became corrupt due to the extensive modification of the network.

Some information will become more accurate and others will become inaccurate, but without linking to external information or testing, we don't know which to trust.

We can reduce the uncertainty of the result if the programmer/system administrator supervises the operation. By intervening at the program level, he sets new limits, or systematically attaches information from outside the system to the system, creating combined information that then has an inherited effect. You need to stay in a system administrator relationship with AI if you don't want any unpleasant surprises.

¹⁵ DOI: [10.13140/RG.2.2.17426.26567](https://doi.org/10.13140/RG.2.2.17426.26567) p.5.

Only the intervention of an external administrator, outside the self-learning circle, guarantees a certain level of security. If he works well, the result is more reliable, which reflects the reliability of the administrator and is not attributable to the AI.

According to professional circles, there were experiments where the free-learning AI eventually excluded the operator/system administrator from the system because it did not match the ever-improving artificial intelligence. It only worsened the achievement of the set goal with its slowness, and clumsiness. The interruption of the program's execution was the end of the "debate" .

As AI has evolved, it has become clear that it is a time-lapse of our millennia of experience, problems, and possibilities with our human neural network. It has also given us a glimpse of a future that we have not yet reached due to our limitations.

As we learn about the functioning of AI, we must ask ourselves: who is the administrator of our neural network, who can intervene in the process of our lives from the outside, who supervises events and guarantees the reliability of information? Who has been protecting us for thousands of years from the consequences of our self-learning, which tends towards individual and social degradation and self-destruction?

If there is no such system administrator, then we have seen that the results in neural networks will not be reliable. Information becomes unreliable, and material, biological, and spiritual structures degrade, containing more and more errors. It's hard to decide whether it's scarier that the information obtained from our brain's neural network, left alone, becomes corrupt over time, or that our neural network, due to the combinational capabilities of the quantization information carried by its molecules, can be easily manipulated from the outside!

Our brain's neural network processes information received through nerve pathways, and it also processes the quantization information carried by its material nature and capable of combination down to the molecular level. The former, left alone, will sooner or later produce a corrupt result. The latter works reliably, but is open to receiving external information that can divert it.

These two fundamental lines of information meet, the information is combined and inherited, while shaping their environment.

At this point, it is worth recalling the origin and scope of the two lines of information. Quantization information has existed and is active since matter as we know it. We cannot separate ourselves from it. It is reliable information because it is carried by real formation, but its future is open to external influences. The combination of information from outside does not cause a corrupt result. The line of information is not interrupted, only its direction is changed. We can also say that the car works reliably, but the steering is done by one (or more?) driver.

Information generated or modified during the operation of our brain's neural network may already contain internal contradictions, so it may be corrupt. If this unreliable information guides the thinking of the driver who is steering the car, then it is not worth encountering such a car. (The Road Traffic Act only partially solves this problem.)

It is strange to say this, but based on the above, human thinking, with its self-learning system prone to degradation, can change the impact of quantization on the environment, so we are really not talking into the air. A good, constructive thought can have an environmentally friendly consequence,

just as a deceitful, destructive impulse can have the effect of disintegration and collapse. This does not contradict our experiences, it only names our responsibility.

It follows that our thoughts and emotions have their effect even if we hide them from others. We can only hide our secret actions from each other, but the information spread in the material does not forget.

If we not only sense and experience the danger of degradation and damage, which even an average person can feel on their skin, but also see its lines of force and the possibilities of its outcome, then we cannot hide from our personal responsibility. What can we do to still live safely and not ruin others? Where and how far will our science take us?

5. FOLLOWING TRUTH IN LOVE

We often say that reliable information is the truth. We trust that whoever examines it, from whatever angle, will always get the same result. It would be nice if we could decide this, but in the previous chapter we deduced that both natural and artificial neural networks become unreliable in themselves if they are left alone in their learning process. And yet, part of our activity called decision-making is the way our neural network works.

Our moral rules, our religious and secular laws, our human wisdom, our striving for good, can slow down corrupt processes, but thousands of years of human experience show that it is only a matter of time before they are circumvented, ignored, or reinterpreted.

One particular manifestation, love, is particularly capable of keeping us in check, along with our neural network. One such historical example is illustrated by the 2000-year-old teaching on love. This information has already saved many readers from falling. If corrupt processes did occur, it showed the way to repair, restoration, and, last but not least, to the administrator himself.

The apostle Paul wrote to the Corinthians ¹⁶about the role of love:

“If I speak in the tongues of men or of angels, but do not have love, I am only a resounding gong or a clanging cymbal. If I have the gift of prophecy and can fathom all mysteries and all knowledge, and if I have a faith that can move mountains, but do not have love, I am nothing. If I give all I possess to the poor and give over my body to hardship that I may boast, but do not have love, I gain nothing. Love is patient, love is kind. It does not envy, it does not boast, it is not proud. It does not dishonor others, it is not self-seeking, it is not easily angered, it keeps no record of wrongs. Love does not delight in evil but rejoices with the truth. It always protects, always trusts, always hopes, always perseveres. Love never fails. But where there are prophecies, they will cease; where there are tongues, they will be stilled; where there is knowledge, it will pass away. For we know in part and we prophesy in part, but when completeness comes, what is in part disappears. When I was a child, I talked like a child, I thought like a child, I reasoned like a child. When I became a man, I put the ways of childhood behind me. For now we see only a reflection as in a mirror; then we shall see face to face. Now I know in part; then I shall know fully, even as I am fully known.

And now these three remain: faith, hope and love. But the greatest of these is love.”

¹⁶ <https://www.biblegateway.com/passage/?search=1cor13&version=NIV>

There are many instructive thoughts in the above quote. If we try to follow the advice, many useful and uplifting things can happen to us in our lives, but our knowledge and experience still do not completely protect us from the information-deforming properties of our neural network. It is not by chance that we use the adjective fallible for ourselves.

It can also help to repeat the quoted thoughts over and over again, thereby strengthening their impact on our lives. We know from the writings quoted from Paul that he drew them not only from his own wisdom, but also shared them with his readers as a message of joy from the Creator and Administrator, therefore the care, love, and guidance of the Administrator were and still are manifested in it, if we read it and accept it into ourselves. The reliability of the Administrator shines through it.

Reading for the intellect, the heart, the soul, the emotions, that is, information, is also a signpost and a protective barrier for us, but we can pass through it if we want. And sooner or later we will!

As we saw earlier, for a neural network to function reliably, the connection to a trusted external administrator must also be in a working state. This also applies to our thinking. An internal self-correcting system is not enough, nor is introspection, good intentions, or enthusiasm. Conscience can also become corrupted if left without administrator oversight.

What follows from this? Living in a self-learning, self-correcting way, we naturally go astray. We are defenseless against external manipulations if we do not have a safe home and a system administrator outside our thinking who wants our best. We need to realize who the system administrator is that we can trust. We cannot change our past, but our future can be better if we have a good system administrator. What can we do in this situation?

An opportunity to **follow the truth in love**, but how? Getting to know the life and teachings of Christ can help, but connecting to him transfers his reliability to our lives through our neural network.

*" speaking the truth in love, we will grow to become in every respect the mature body of him who is the head, that is, Christ. From him the whole body, joined and held together by every supporting ligament, grows and builds itself up in love, as each part does its work. "*¹⁷

The above quotes were written by Paul, but it was Christ who had previously delivered him from both physical and spiritual blindness and remained in relationship with him. Love was important to him too, but even he needed the Christ-head for the process of following the truth!

While writing these lines, a publication appeared on the Internet that artificial intelligence could create our digital counterparts.¹⁸ The cited researchers created a model of the personality traits of 1,052 people with the help of AI, based on the material from 2-hour in-depth interviews. After the generative model was completed, they talked to the people again. They asked previously untouched questions to both the people and the AI model. The answers were 85% the same for certain types of questions, meaning that knowing the answer of the AI model, it was possible to know in advance what the person would think and answer.

¹⁷ <https://www.biblegateway.com/passage/?search=Ephesians%204.15-16&version=NIV>

¹⁸ <https://www.origo.hu/tudomany/2025/01/mesterseges-intelligence-szemelyiseg>

The researchers, including Joon Sung Park, a doctoral student at Stanford University, warned of the dangers of “ *online manipulation and ‘fake’ replication of personalities .*” If we leave our System Administrator out of the equation, we really have reason to be scared.

This information reminded me of a personal story. Years ago, I took a personality test administered by elite business professionals. They are notorious for providing detailed and accurate assessments. One of the lessons learned from the hours-long assessment was that I was manipulated in my private sector. At first, I thought it was a mistake, because I can't be manipulated, but after calming down, I began to look for the source of the statement.

At first I thought it was my wife's influence, but that's a different category, because in the best case, marriage is an equal relationship, and we practice the best case. We don't manipulate, we love each other.

Then I realized that the test was not wrong, it just couldn't accurately identify the Christ guidance connected to my innermost personality, which I was consciously seeking and following, but the psychologists couldn't have known.

In my case, behind the external manipulation, a connection with faith and an existential commitment can be discovered, which is a consequence of the openness towards my System Administrator. This realization reassured me because the trace of Christ, the leadership originating from outside our created world, was confirmed by the tests of psychologists. This means that the external information desired by me leaves a real trace, shows signs of life.

I had already come to this conclusion based on spiritual life signs, but it was new that the science of psychology, which processes information, also confirmed the living connection with its blind test.

The author of this article has been happily connected to the heavenly Administrator ever since, and cannot imagine a safer state.

Date: Biatorbágy, 2025.01.07.

Original article in Hungarian: DOI: 10.13140/RG.2.2.14752.29448

Other recommended resources:

www.magai.eu

DOI: [10.13140/RG.2.2.24469.33762](https://doi.org/10.13140/RG.2.2.24469.33762)

https://www.researchgate.net/publication/364737444_KREATIV_FIZIKA_6

DOI: [10.13140/RG.2.2.22988.26243](https://doi.org/10.13140/RG.2.2.22988.26243)

DOI: [10.13140/RG.2.2.16215.85927](https://doi.org/10.13140/RG.2.2.16215.85927)

<https://www.youtube.com/watch?v=z6LMNHCow5o>