

The quality of "Existence" and "Infinito" and how the "Universe works" and deriving "The Law of Action and Consequence" and its Applications to AI and Medicine

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Abstract

In this work, we explore the concept of "Existence," its mathematical value, and how the "Universe functions." Our exploration leads us to a deeper understanding of the various forms of action and the three classes of qualities that govern all actions. We also identify the controlling entity of the Universe, which governs both sentient and insentient matter. We observe an architecture in which all entities are managed by this controlling entity, which is all-pervading and responsible for creating, maintaining, and destroying all forms of matter.

We find that all objects are capable of seven actions, each regulated by this controlling entity through the three qualities, whose role is to maintain the Universe. Most importantly, we derive "The Law of Cause and Effect." Additionally, we uncover "The Law of Action and Consequence" and explore how it governs everything in the Universe. This crucial law is key to giving AI an "artificial conscience," ensuring its safety for humanity.

We also apply the "Law of Duality" to the field of medicine and derive the mathematical condition for an entity to function as a medicine, while exploring various medicinal systems. This work answers many long-standing questions in physics by introducing the quality of "Existence." It derives an ontology based on the Sanskrit language that reduces all observed entities to four fundamental entities, making the simplifications that enabled this project.

Keywords: Existence, Universe, Action, Ontology, Law of cause and effect, Law of duality.

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Introduction

We embarked on a quest to understand how the universe works. We sought to analyse mathematically the forces that govern it. To accomplish this, we must first comprehend how to represent an object mathematically. Next, we delve into the scientific conception of what an "action" is understanding it and the various types of actions possible. This analysis ultimately leads us to a specific form of action known as "Being," which holds the key to understanding the universe and its underlying mechanisms. From here, we derive the "Law of Duality," the "Law of Cause and Effect," and the "Law of Action and Consequence." This work builds upon the results of my previous research on the same topic [1] and we derive many universal laws in this new work.

Mathematical Representation of An Object

To represent an object mathematically, we must first have a complete understanding of it. This understanding is based on the object's attributes-qualities inherently attributed to it. Such knowledge is gained through observation, which becomes the fundamental source of comprehension. Through observation, we witness the object's "becoming" over time, as illustrated in Figure 1. What we observe is the object's "becoming" as it evolves over time [2]. This process of "becoming" can be categorized into six types:

1. Becoming itself (Being),
2. Becoming changed,
3. Becoming unmanifest,
4. Becoming manifest,
5. Becoming grown,
6. Becoming decayed

The phenomenon of "becoming" is understood as an action.

In contrast, another form of action is movement. To summarize, actions can be categorized into two types:

1. Becoming (with six distinct kinds),
2. Movement

These can further be refined into two broader categories:

1. Modification and
2. Movement

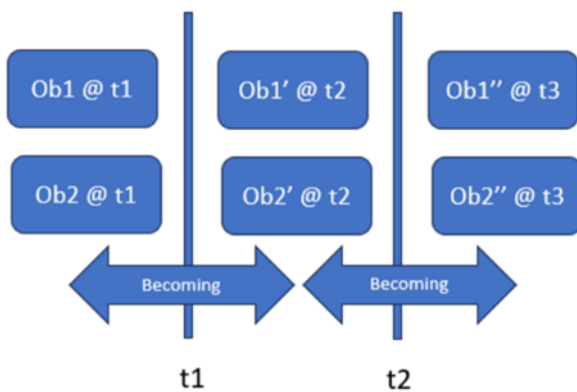


Figure 1: An Object evolving over time

Ontology

Thus, two distinct types of actions emerge as being performed by an object:

1. **State of "Being"**: The object has a particular state of existence. This can be further categorized based on whether the state of "Being" changes in the future or remains constant. The first type, where the state remains constant or accomplished and acts as a differentia, is referred to as "Quality" in our ontology this quality can be lost over time to gain a new differentia. The second type, where the state remains unchanged over time, is referred to as "Genus" in our ontology, this attribute is never lost by the object.
2. **Change in "State of Being"**: An action occurs when the object or another object undergoes a transformation in its "State of Being" over time. Such an action is termed "Action" in our ontology.

These attributes represent the inherent qualities of an object. In contrast, there are **imposed attributes**, which are external qualities or labels imposed on the object, such as its "name". In summary, the traits of an object can be illustrated as shown in Figure 2 [3].

Existence and its mathematical value

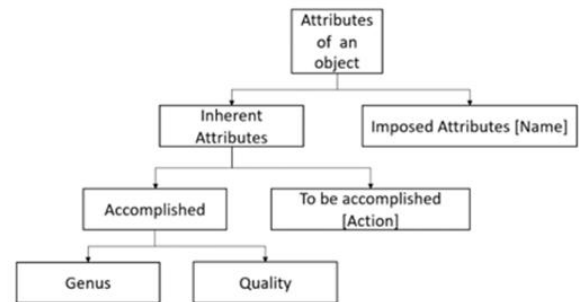


Figure 2: The Traits or Attributes of an Object

Anything that exists possesses the quality of "Being" or "Existence." Without this fundamental quality, an object cannot come into existence [1]. This quality of "Being" or "Existence" is the primary cause of existence itself. The equation representing the phenomenon of existence is simple: it describes how an object becomes itself over time, or how the object's "count" remains constant. In this phenomenon, the object becomes itself over time represented by equation (1) and equation (2):

$$y = x \quad (1)$$

$$y = mx + c \quad (2)$$

The equations (1), (2) shows a connection between y , x , and m (the general line equation) where m and x behave as causes of y and $c = 0$.

$$y = O(t + 1) \quad \text{and} \quad x = O(t) \quad (3)$$

$$O(t + 1)/O(t) = E \quad (4)$$

Comparing equations (1), (2), (3) and (4) $m = E$ or $m = 1$ and hence, the value of Existence is found to be $E = 1$

The law of duality

The law of duality states that an object or entity exists or occurs in a pair with its opposite. For example, if an object is moving with a velocity of 1 m/sec, then the fact that it is moving with a slowness of 1 sec/m is also observed. Whichever value dominates that is considered the primary or dominant value; the key fact is that fastness occurs with slowness, and one dominates over the other. The entities involved include actions and qualities, as discussed in the ontology. This occurs because if a quantity is constant over time, its reciprocal should also remain constant, thereby necessitating the coexistence of both the quantity A and its reciprocal, $1/A$.

Proof:

The proof is simple we must prove that when an entity "A" has existence then $1/A$ also has existence; this would imply that both occur as what has existence occurs. If,

$$O(t + 1)/O(t) = A/A = 1 \quad (5)$$

Then we also observe that

$$O(t+1)/O(t) = 1/A / 1/A = 1 \quad (6)$$

$$Ot + 1 - Ot = 0 \quad (7)$$

$$1 - 1 = 0 \quad (8)$$

$$Ot/Ot - Ot/Ot = 0 \quad (9)$$

$$A \times 1/A - A \times 1/A = 0 \quad (10)$$

$O(t+1)$ = Object at time $t+1$, $O(t)$ = Object at time t So if A occurs, $1/A$ also occurs $A > 1/A$ then A is seen to dominate Else if $A < 1/A$ then $1/A$ is seen to dominate Hence, by the law of duality we see A and $1/A$ at time t and $t+1$ the one with the larger value is seen to dominate.

The law of causation

The law of causation finds a logical relationship between cause and effect this law is based on the following observations:

1. That without which the effect cannot be is called the cause.
2. Immediate action of cause is to produce effect.
3. Causation indicates that one event is the result of the occurrence of the other event, i.e., there is a causal relationship between the two events. This is also referred to as cause and effect.
4. Occurrence of the effect indicates the obligatory occurrence of the cause. If cause 1 occurs ...and so on till cause N occurs then the effect occurs, the effect follows the cause i.e. when all causes occur the effect occurs.
5. There are two types of causes, the first is the material cause and the second is the efficient cause.
6. The material cause enters the constitution of the effect, or the effect is made of it.
7. The efficient cause, through the application of an external influence, works in conjunction with the inherent power of the material cause to bring about the reproduction of the effect.
8. The immediate effect of an action is reaction, and its delayed effect is called result or consequence. This law of causation can be represented by the relation: If, cause 1 occurs, cause 2 occurs ..., Cause N occurs Then Effect E occurs, the relation that captures this is: If something occurs, it exists or has existence, and if all causes have existence, they occur, then effect has existence or occurs, The mathematical relationship between E_{E1} , E_{C1} , ..., E_{CN} is:

$$E_{E1} = E_{C1} \times E_{C2} \times \dots \times E_{CN} \quad (11)$$

$$E1/E1 = C1/C1 \times C2/C2 \times \dots \times Cn/Cn \quad (12)$$

This equation (11),(12) ensures that E_{E1} is 1 only when

all E_{C1} , E_{C2} , and E_{Cn} are 1. If any of these is 0, E_{E1} will be 0. It's like the "And" operation in Boolean algebra. Hence the law of causation becomes:

$$E = K \times C1 \times C2 \times \dots \times Cn \quad (13)$$

A discrete form also applies, where,

$$E1/E1 = C1/C1 \times C2/C2 \times \dots \times Cn/Cn \quad (14)$$

$E1/E1 = E_e$, $C1/C1 = E_{c1}$, $C2/C2 = E_{c2}$, ... $Cn/Cn = E_{cn}$, where E indicates their existences:

$$E_e = E_{c1} \times E_{c2} \times \dots \times E_{cn} \quad (15)$$

The general cause-effect equation for an action is:

$$E_a = E_d \times E_{ic} \times \dots \times E_e \times \dots \times E_x \times 1 \quad (16)$$

E_a is the existence of action; E_d is the existence of the doer of the action

E_{ic} are the existences of the instrumental cause

E_e is the existence of the efforts

E_x is the existence of the location

And 1 or Existence is the fifth cause

The law of action and reaction

A reaction occurs in response to an action. The law of action and reaction states that a reaction is the instantaneous response to an action and is equal and opposite and occurs in the subject or doer of the action.

Proof:

Let the result of an action be "Del Q1". By the law of duality, Del Q1 and - Del Q1 occur over a time frame $t1-t2$.

$$\text{Del Q1} \times 1/\text{Del Q1} = 1; \text{Del Q1} - \text{Del Q1} = 0 \quad (17)$$

$$\text{Del Q1} @ [t1 - t2] - \text{Del Q1} @ [t1 - t2] = 0 \quad (18)$$

the action and reaction occurring in time interval $t1-t2$ are equal and opposite and occur in object and doer of the action,

action = Del Q1; reaction = - Del Q1 in time interval $t1-t2$

$$\text{Del Q1} + [-\text{Del Q1}] = 0 \quad (19)$$

$$\text{Del Q1} + [-\text{Del Q1}] = 0 \quad (20)$$

$$\text{Del Q1} = 0 \Rightarrow -\text{Del Q1} = 0 \quad (21)$$

$$\text{Del Q1} \neq 0 \Rightarrow -\text{Del Q1} \neq 0 \quad (22)$$

The above relations equation (19)-(22) imply a cause-effect relation or that of occurring together as seen in action(in object) and reaction(in subject)

The law of action and result

A result is the consequence of an action, if a result occurs in the same time frame and in the doer it is a reaction and if in a different time frame and in the object of the action it's a consequence or result. The law states that "what is committed is experienced".

Proof:

Let the action be "Del Q1":

$$\text{Del Q1} + z = 0 \quad (23)$$

$$z = -\text{Del Q1} \quad (24)$$

$$\text{Del } Q1 + [-\text{Del } Q1] = 0 \quad (25)$$

$$q2 - q1 + [q1 - q2] = 0 \quad (26)$$

$$E1 = q2 - q1 \text{ and } E2 = q1 - q2 \quad (27)$$

Where, $q1$ = quality $Q1$ initially, $q2$ = quality $Q1$ finally leading to the change $\text{Del } Q1$, $E1$ and $E2$ are opposite effects.

Changes Are Not Instantaneous in the same entity in Opposite Directions i.e. $E1$ and $E2$ cannot occur at time $t1$, $E1$ will occur at time $t1$ and $E2$ will occur at time tn , as first $Q1$ has to reach $q2$ from $q1$, then only it can transition in the reverse from $q2$ to $q1$.

$$E1 + E2 = 0 \quad (28)$$

$$E1 @ [t1 - t1 + T] + E2 @ [tn - tn + T] = 0 \quad (29)$$

Action = $E1$ occurring at time $t1$ for time T ; Consequence = $E2$ occurring at time tn for T time
The law of action and result is that what is committed is experienced, committed action " $E1$ " in time frame $t1-t1+T$, is experienced as action " $E2$ " in the time frame $tn-tn+T$. In summary we can say that "what is committed is experienced". And every action has two results one instantaneous in the doer and another delayed in the subject.

The Universe and How it works

The Universe is defined as the substratum of sentient and insentient objects possessing qualities and performing actions in space and time. It has three states:

1. Creation, 2. Sustenance, 3. Destruction.

Objects in the Universe perform two kinds of actions:

1. Modification

2. Movement.

The quality that causes action (movement or modification) is called "acto". "Acto" causes modification in an object's form or state, an opposing force is created which counters the influence of "acto" by another quality called "strength", "strength" opposes "acto" and sustains the objects state or form. If there is a net "acto" after the opposition by "strength" it is opposed by a quality called "resisto" which opposes the net change due to a net "acto". Let "acto" be F which causes a change $\text{del } x$ in the object o , by the law of duality $1/\text{del } x$ also occurs and the cause is the quality, k ("strength"), $F \Rightarrow \text{del } x$, $k \Rightarrow 1/\text{del } x$ by the law of causation,

$$E_{\text{del } x} = E_F \times E_k \quad (30)$$

$$\text{del } x / \text{del } x = F / F \times k / k \quad (31)$$

solving we get,

$$\text{del } x = F / k, F - k \times \text{del } x = 0 \quad (32)$$

In equilibrium, modification $\text{del } x = F / k$

if "acto" > resistance of "strength":

$$F - k \times [\text{del } x] > 0 \quad (33)$$

$F - k \times [\text{del } x]$ causes change " $e1$ " by the law of duality " $1/e1$ " occurs and has a cause "resisto m ", by the law of causation, where E stands for the "Existence" of the corresponding entities,

$$E_{e1} = E_{Fk} \times E_m \quad (34)$$

$$\frac{\text{del } e1}{\text{del } e1} = \frac{[F - k \text{ del } x]}{[F - k \text{ del } x]} \times [m/m] \quad (35)$$

solving we get,

$$e1 = dy/dt = [F - k \times \text{del } x]/m \quad (36)$$

The analysis for "movement" is similar, Hence two effects are seen, $\text{del } x$ and $e1$:

$$\text{del } x = (F)/k; \quad (37)$$

$$e1 = dy/dt = [F - k \times \text{del } x]/m; \quad (38)$$

if $k=0$,

$$e1 = [F]/m = dy/dt; \quad (39)$$

where,

$$Y = \int_{t1}^{t2} e1 dt \quad (40)$$

There are mainly 7 types of action, which can take place in the universe performed by a subject on an object:

Increase, Decrease, Change, Being, Creation, Destruction and Movement

Type I. Increase and Decrease:

An increase or decrease is a type of activity in which a quantity undergoes change, it increases or decreases.

$$F(b) = F(a) + \int F'(t) dt \quad (41)$$

$F(b)$ = final value of quantity

$F(a)$ = initial value of quantity

$F'(t)$ = rate of change, positive for increase and negative for decrease

Type II. Change:

An object is said to undergo a change when the old quality is removed and a new quality manifested,

Stage I:

$$Q_{old_final} = Q_{old_ini} - \int_0^{t2} f' dt \quad (42)$$

after time $t2$, $Q_{(old_final)} = 0$, that is the old characteristics has been removed.

Stage II:

$$Q_{new_final} = Q_{new_ini} + \int_0^{t2'} f' dt \quad (43)$$

after time t_2 , $Q_{(new_final)}$ is manifested in the object "O1" undergoing change.

Type III. Creation and Destruction:

In creation the material cause is given a form F_1 and gives up its old form F_0 , and in destruction the material cause gives up its form F_1 and takes up a form F_0 .

Creation:

Stage I:

$$Form_{old} = Form_{old_{ini}} - \int_0^{t_2} f' dt \quad (44)$$

after time t_2 , $[Form]_{old} = 0$, that is the old form has been removed.
stage II:

$$Form_{new} = Form_{new_{ini}} + \int_0^{t_2'} f' dt \quad (45)$$

after time t_2' , $[Form]_{new}$ is manifested in the object "O1" being created.

Destruction:

$$Form_{old} = Form_{old_{ini}} - \int_0^{t_2} f' dt \quad (46)$$

after time t_2 , $[Form]_{old} = 0$, that is the old form has been removed and the effect destroyed and which has another form F_0 now.

Type IV. Movement:

$$Position_{new} = Position_{old} + \int_0^{t_2} f' dt \quad (47)$$

after time t_2 , $[Position]_{new}$, that is the new position has been reached the fastness determined by the rate f' .

Type V. Being:

An object is said to exist or have being when,

$$\frac{O_{t+1}}{O_t} = 1 \quad (48)$$

O_{t+1} : object count at time $t + 1$ and

O_t : object count at time t are the same

"0×Inf" and how it directs these three qualities and hence controls all action:

All actions can be reduced to Being, Modification and Movement:

Action and Rate of action:

An object is said to undergo modification when the old quality is removed and a new quality manifested, Stage I:

$$Q_{old_final} = Q_{old_{ini}} - \int_0^{t_2} f_1' dt \quad (49)$$

after time t_2 , $Q_{(old_final)} = 0$, that is the old

characteristics has been removed.

stage II:

$$Q_{new_final} = Q_{new_{ini}} + \int_0^{t_2'} f_2' dt \quad (50)$$

after time t_2' , $Q_{(new_final)}$ is manifested in the object "O1" undergoing change.

What controls modification is the stage I rate f_1' and stage II rate f_2' , f_1' has net cause Ca_1 which belongs to class "acto", f_1' occurs then $1/f_1'$ also occurs, cause of $1/f_2'$ is Cm_1 which belongs to the class "resisto", from the section on the three qualities:

$$f_1' = \frac{Ca_1}{Cm_1}, \text{ similarly for } f_2' \quad (51)$$

$$f_2' = \frac{Ca_2}{Cm_2} \quad (52)$$

Action and Rate of action how "0" controls action:

All actions have a rate, what controls action is the rate Af , Af has a net cause Ca_1 which belongs to class "acto", Af occurs then $1/Af$ also occurs, cause of $1/Af$ is Cm_1 which belongs to the class "resisto", from the section on the three qualities:

$$Af = Ca_1 / Cm_1 \quad (53)$$

$$Af / (Ca_1 / Cm_1) = 1 = E \quad (54)$$

$$NC = Ca_1 / Cm_1 \quad (55)$$

NC = Net cause,

$$Af / NC = 1 = E \quad (56)$$

$$Ca_1 / Cm_1 - Af = 0 \quad (57)$$

So we see that, $E = LHS = Ca_1 / Cm_1 - Af$ and cause $C = RHS = "0"$, "0" causes the material cause or net cause "NC" to convert to Af . The material cause is the three qualities or two here of Ca_1 / Cm_1 and the efficient cause is "0" the efficient cause causes the material cause to become the effect Af . The material cause is also "0":

$$Ca_1 / Cm_1 / Ca_1 / Cm_1 = 1 \quad (58)$$

$$Ca_1 / Cm_1 - Ca_1 / Cm_1 = 0 \quad (59)$$

From the above we can see that the material cause of

$$Ca_1 / Cm_1 - Ca_1 / Cm_1 \text{ is } 0 \quad (60)$$

Hence the material cause and efficient cause of all actions is "0" or "0 × Inf", "0 × Inf" can be taken as the entity and 0 its power.

From the equation for cause and effect, comparing both sides or using the discrete form of the law of causation,

$$Af / Af = Ca_1 / Ca_1 \times Cm_1 / Cm_1 \quad (61)$$

$$Ca_1 / Ca_1 \times Cm_1 / Cm_1 = 1 \quad (62)$$

Generalizing,

$$(C_{a_n} / C_{a_n}) \times (C_{m_n} / C_{m_n}) - (C_{a_n} \times C_{m_n}) / (C_{a_n} \times C_{m_n}) = 0 \quad (63)$$

Comparing both sides or using the discrete form of the law of causation,

The effect is:

$$(C_{a_n} / C_{a_n}) \times (C_{m_n} / C_{m_n}) - (C_{a_n} \times C_{m_n}) / (C_{a_n} \times C_{m_n}) \quad (64)$$

And the cause is: $0 \times \inf 0 \times \inf$ through 0 causes the causes C_{a_n} and C_{m_n} to become $C_{a_n} \times C_{m_n}$ and the effect occurs, a simple test is if RHS or zero is not zero, then effect or LHS is not zero and no cause occurs. In this case the 0 is the "efficient cause",

$$C_{a_n} \times C_{m_n} - C_{a_n} \times C_{m_n} = 0 \quad (65)$$

Hence "0" is also the material cause. Let's call the entity " $0 \times \inf$ " "Infinito" and its power 0 which is the efficient and material cause of the Universe, Hence, "Infinito" or " $0 \times \inf$ " controls all qualities and causes them to occur which in turn is the cause of the rate of action, hence the rate of action is controlled by "Infinito", this implies that "Infinito" controls all actions that occur in the universe and directs them. Generalizing for all phenomenon's:

$$E/E = C1/C1 \times C2/C2 \times C3/C3 \dots Cn/Cn \quad (66)$$

E can be : 1. Object, 2. Quality or 3. Action

$$\begin{aligned} (C1/C1) \times \dots \times (Cn/Cn) - C1 \times \dots \times Cn / C1 \times \dots \times Cn = 0 \quad (67) \\ \frac{C1}{C1} \times \dots \times \frac{Cn}{Cn} = 1 = A, \quad \frac{C1 \times \dots \times Cn}{C1 \times \dots \times Cn} = 1 = B \quad (68) \end{aligned}$$

"Infinito" causes the causes A to arrange into B which is the effect, hence the effect occurs, "Infinito" acts as the efficient cause,

$$(C1 \times \dots \times Cn) / (C1 \times \dots \times Cn) = 1 \quad (67)$$

$$C1 \times \dots \times Cn - C1 \times \dots \times Cn = 0 \quad (68)$$

Here we see that the cause and its additive opposite equal to 0 hence the material cause or the constituent of the effect is also "Infinito". Hence, "Infinito" or " $0 \times \inf$ " controls all qualities and causes them to occur and take up an arrangement which in turn is the cause of all phenomena.

$$\frac{C1 \times p1}{C1 \times p1} - \frac{C1 \times p_e}{C1 \times p_e} = 0 \quad (69)$$

The causes $C1, C2 \dots Cn$ are moved from Position $P1, P2, \dots Pn$ to P_e by " $0 \times \inf$ " or "Infinito". In summary:

1. An effect is the particular arrangement of cause, moved to a place by the efficient cause "Infinito" through "0".
2. The material cause is also "Infinito" all assembled at a place to produce an effect E by "Infinito".

Properties of Existence:

Existence or "1" is the Universe U:

$$1 = \frac{U @ t_{n+1}}{U @ t_n} = \frac{O1 \times p1}{O1 \times p1} \frac{O2 \times p2}{O2 \times p2} \times \dots \times \frac{On \times pn}{On \times pn} \quad (70)$$

where O_n is the object n and p_n is the position of object n. t_{n+1} is the present time and t_n is the past time

1 has all objects of the Universe

$$o1 = o1 / 1, oN = oN / 1 \quad (71)$$

$o1 \dots oN$ are all objects in the Universe, Similarly, it has all forms, powers, qualities of the Universe.

Summary of the properties of 'Infinito':

1. "Infinito" controls everything.
2. It is the material and efficient cause of the Universe.

Application to the field of AI:

If AI were taught the rule of ethics with the goal of acting in its own self-interest to experience good consequences, it might optimize its actions to ensure positive outcomes for itself, based on "**The Law of Action and Result**", which states that what is committed is experienced hence forcing it to follow ethics which can be enforced by law. An example scenario is engagement in war, with present state of the technology it would support a war, but if we placed the condition of "**The Law of Action and Result**" the AI will take decisions and actions to evade war, resulting in peace. With "**The Law of Action and Result**", AI would be proponents of peace and would not indulge in unethical actions like war, industry takeover etc knowing them to be wrong actions.

Application to the field of medicines:

The application to the field of medicines comes as an offshoot of a theory which I came across during my time at ISKCON and the study of a few medicine systems I was interested in and the law of cause and effect validating these theories, it is the work of ancient Indians and other civilizations which finds a proof in our work.

System 1:

The theorem in the book [4] goes as follows: "Book 1. Chapter 5. Text 33

Translation: O good soul, does not a thing, applied therapeutically, cure a disease which was caused by that

very same thing?"

What the author claims is that what causes a disease when applied therapeutically (i.e. non-lethally) cures the very disease it causes.

Proof: Let's say agent A causes deformities in the body of a person, let its efficacy be quantized as E: as an example, $E = E' = 100$ deformities per agent A Using the law of duality, If,

$$A(t+1) / A(t) = E/E = 1 \quad (72)$$

Then we also observe that

$$A(t+1) / A(t) = 1/E / 1/E = 1 \quad (73)$$

So, if E occurs, 1/E also occurs

$E > 1/E$ then E is seen to dominate

$E < 1/E$ then 1/E is seen to dominate

When a therapeutic [non-lethal] dose or preparation is created then $E \sim 0$, if $E \sim 0$ then $1/E \sim$ a very large value, $E \ll 1/E$ then 1/E is seen to dominate, so an agent A behaves as a cure or a resistance molecule:

Let's assume $E \sim 0.00001$ or 10^{-6} deformities per agent A $1/E = 10^6$ agent A per deformities, i.e. the dose acts as a resistance dose and requires 10^6 agent A to cause a single deformity, hence fighting the disease.

System 2: Homeopathy

Homeopathy uses small doses of poisons which cause the very same diseases or condition to cure diseases. The proof for its efficacy is as follows:

let the quantity of poison be Q ml Q ml –has- N agents N agents cause 1 deformities Q' ml: $Q \times 10^{-3}$ ml has: $N \times 10^{-3}$ agents: 1×10^{-3} deformities

Q' : $E = 10^{-3}$ deformities: $1/E = 10^3$ deformities⁻¹
 $1/E \gg E$

So, Q' becomes curative from lethal and cures the deformity, from the law of causation:

$$E = C_1 \times C_2 \times \dots \times C_n = C_e \quad (74)$$

$$1/E = 1/C_e \quad (75)$$

$$1/E \gg E \Rightarrow 1/C_e \gg C_e \quad (76)$$

1/ C_e is the opposite of C_e and hence cures the deformity with it is dominating or being more than C_e .

System 3: Pharmacologically inert entities "A"
 Pharmacologically inert entities having $E \sim 0$ have the property: $1/E \gg E$, So A is curative being inert and cures the deformity, from the law of causation:

$$E = C_1 \times C_2 \times \dots \times C_n = C_e \quad (77)$$

$$1/E = 1/C_e \quad (78)$$

$$1/E \gg E \Rightarrow 1/C_e \gg C_e \quad (79)$$

1/ C_e is the opposite of C_e and hence cures the deformity with it is dominating or being more than C_e when it contacts the deformity.

Conclusion

In conclusion, this work explores the concepts of "Existence", "1", "Infinito" and "0" and their mathematical foundations, revealing a controlling entity that governs all matter in the Universe. By deriving key principles like the "Law of Cause and Effect" and the "Law of Action and Consequence," we establish a framework for ensuring AI's ethical behaviour. The application of the "Law of Duality" to medicine provides new insights into medicinal systems. Through an ontology based on Sanskrit, we simplify complex concepts in physics and lay the groundwork for future advancements in AI and medicine. This work offers a fresh perspective on the laws governing the Universe.

References

1. Mehanathan, N. (2024, August). Existence and the Universe: The solution to the digital twin problem and how it leads to the matrix representation of the Universe and an understanding of how the Universe works. In AIP Conference Proceedings (Vol. 3149, No. 1). AIP Publishing.
2. Coward, H. G., & Raja, K. (n.d.). The philosophy of the grammarians (pp. 107-109).
3. The Sahityadarpana. (1997). Motilal Banarsidass Publishers (Pvt. Limited), p. 43. B R Jackson, T Pitman, and U S Patent, 2004.
4. A. C. Bhaktivedanta Swami Prabhupāda. (1972). Srimad Bhagavatam: with the original Sanskrit text, its roman transliteration, synonyms, translation and elaborate purports. New York, Bhaktivedanta Book Trust.