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Philosophical Relevance Hidden Y=mX+C as Real-World-Sustainer

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A B S T R A C T

The mathematical equation of Y = mX + C, commonly known as the slope-intercept form, is a fundamental equation in algebraic geometry. This equation represents a linear relationship between two variables, where Y represents the dependent variable, X represents the independent variable, m denotes the slope of the line, and C represents the y-intercept. The equation allows us to determine the value of Y for any given value of X, making it a powerful tool in various fields such as physics, economics, and engineering. Understanding the properties and applications of this equation is crucial for analyzing and interpreting linear relationships in real-world scenarios. That the equation Y = mX + C is also representation of the points on the simplest curve-fitting called straight line or the simplest form with an integral power value one of independent variable is well-known in theoretical and practical Statistics contextual to lines of regression/ fitting of linear curves / functional relation between dependent and independent variables.

This Paper aims to provide a different perspective on the above conceptions so as to analyze and interpret various linear philosophical relevancies in our medium of real-world-human-life called the sustainer-phenomena hidden in Y=mx + C as the 'container in exhibition' to explore many fundamental aspects before one would start with trust in applications of scientific beliefs. The latter might be compared to what we learn in our school-times by way of an Aladdin's Lamp!

Keywords: Equation, Human, Life, Linear, Philosophical, Real, Relevancies, Sustainer, World

1. EVERY RESEARCH HAS THE BEGINNING OF UNIQUE INDEX

2. INTRODUCTION

Being a springboard for philosophical reflections offering a deeper understanding of the complexities of the world around us, Y=mX+C becomes our more informed decision-maker affecting various aspects of life.

The equation isolates the relationship between two variables, ignoring other potentially influential factors. This reflects a reductionist approach, breaking down complex systems into smaller, manageable parts. While this can be useful for analysis, it risks neglecting the interconnectedness of things and the potential emergence of new properties from the whole system that cannot be predicted by studying individual parts alone.

The equation Y=mx+C, while seemingly a simple mathematical expression, can indeed hold surprising philosophical relevance when applied to real-world problems. The philosophical relevance of Y=mx+C depends on how we interpret and apply it. It serves as a reminder to be mindful of the assumptions embedded in our models and the limitations of simplistic representations when dealing with the intricate tapestry of real-world problems. So, Y = mx + C, offers a rich philosophical lens to examine the world. By recognizing its limitations and complexities, we can use it as a tool to think critically about determinism, reductionism, causality, prediction and the inherent limitations of models in capturing the full richness of reality.

This Paper mobilizes its utmost philosophical-workshop-maneuvers as a disrober of Y=mX+C in its potential for interpretations of the following tabled insights.

Determinism vs. free will	**Reductionism vs. holism:**	**Cause and effect vs. randomness**	**Idealization vs. complexity:**
Determinism vs. Indeterminacy:	Causality vs. Correlation:	Prediction vs. Understanding	Limitations of Models
Determinism vs. Randomness:	Universality vs. Context:	Beyond the Equation	

3. LITERATURE SURVEY'S LATEST ITEMIZED FOUNDRY MA-THESIS BEFORE MA-THEMATIC(S)

Marius Dumitrescu (2023) Mathesis Universalis and the Cartesian Unification of Philosophy, Science, and Religion

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MARIUS DUMITRESCU is Professor at the Faculty of Philosophy and Social-Political Sciences, "Alexandru Ioan Cuza" University of Iasi. His main fields of interest are modern philosophy, philosophical anthropology and psychoanalysis and philosophy of cinematographic art. His most significant volumes are: Descartes or the Doubts of Certainties (Descartes sau certitudinile îndoielii) (1996), which won "Mircea Florian Prize" of the Romanian Academy, What happens when philosophy is taken seriously? (Ce se întâmplă când filosofia este luată în serios?) (1999), Plato in the mirror of time. A Journey in Philosophical Anthropology (Platon în oglinda timpului. Periplu în antropologia filosofică) (2002), Beyond the mysteries of philosophy and philosophers (Dincolo de tainele filosofiei si ale filosofilor) (2002), Alchemy of Human Becoming (Alchimia devenirii umane) (2007), Psychoanalysis Applied in Philosophy and Art (Psihanaliza aplicată în filosofie si artă) (2014), Baroque Genesis of Modern Philosophy (Geneza barocă a filosofiei moderne) (2016), and Descartes' Prophecies and the Admirable Westphalian Peace (Profeţiile lui Descartes şi mirabila pace westfalică) (2020).

The young René Descartes felt a great disturbance before the truth of faith in the lonely nights spent at Neuburg an der Donau, where he had retired in the autumn of 1619, awaiting the great confrontations of time. It was the moment that pitted two fanatical armies, those of the Protestants and the Catholics that were going to plunge Europe into a bloodbath. Doubt had sown deep roots in the fragile soul of Descartes the soldier, who could no longer understand the reasons for a fratricidal war, which had already made thousands of innocent victims. As the truth delayed to appear to him from under the light of the sensible Sun, the young philosopher delved into his interiority, this time looking for the light of the Sun from within, from the farthest place of his troubled consciousness. Aristotle could not offer him a solution for understanding this world, which had already become totally incoherent and irrational, when it had unconsciously slipped towards religious conflicts. A significant change appeared with Descartes way of thinking as the place of mystical

contemplation is taken by intellectual meditation. In his long meditations during the night, haunted by dreams and hallucinations, the young René will manage to find a new type of relationship with God, different from everything that had been sought until then. He was discovering a God of metaphysical meditations, other than that of Plato, who saw Him in an immutable world of eternal ideas that exists in itself and for itself, beyond the human being. He was also a Creator different from that of Aristotle, who deduced Him from syllogisms, as Thomas Aquinas had accepted but also different from that of the exalted fanatics, who fought endlessly killing Creation Descartes' solution to this desperate search for God was to open a new way in which science, philosophy and religion could work together.

In this work we will try to demonstrate that the main goal of Cartesian philosophy was that of a great unification, which had to start from the field of sciences, then expand to theology and finally build the bridges of dialogue that would overcome the religious conflicts between Catholics and Protestants, laying the foundations of a lasting peace founded on reason.

On the night of November 10/11, 1619, Descartes had the three dreams while he was in the small town of Neuburg an der Donau and which he considered as "coming from Above", from Olympus, a place of the divine, which is found above the sensible world, but also of Parnassus, as a place of human arts. The next day, the young philosopher noted his great enlightenment, which, however, was not sufficiently crystallized in its passage from the level of his unconscious to the levels of consciousness, which was not yet capable of providing a total transfer of unconscious contents

Three days after the bat tale of White Mountain one of the most important battles from the beginning of The Thirty Years' War, on November11th, 1620, one year since his famous dreams, Descartes noted in the Olympica the following words: This wonderful discovery of ‘Inventi mirabilis’ would prove to be the key to a great unification of all human knowledge in a new universal project, whose purpose was to overcome the limits of scholastic thought. The French philosopher saw the gap of all thinking up until then, which had bypassed the principle value of knowledge that mathematics holds.

In the Middle Ages, mathematics was divided into a special cycle called the Quadrivium, meaning the four sciences considered separately, respectively: arithmetic, geometry, astronomy and music. There was no understanding of the unity and the common basis of all these sciences. The unity was reduced only to a unity of the name, which belonged more to tradition than to a clear understanding of the essential unity of the entire branch of mathematical disciplines. Descartes would give a first answer to this misunderstanding in his youthful treatise, which he did not finish, entitled Rules for the Direction of the Mind. Here and only here, Descartes will mention, in writing the idea of Mathesis Universalis, of a universal science, which would have mathematics as its model, understood in the most general sense possible. Descartes brought to this matter an entirely new idea; he noticed that the mathematical sciences are united not only by the common name, but also by the fact that they all refer to order and measure. In this sense, it is not essential that this order and measure is particularized in concrete structures such as numbers, figures, stars, sounds or anything else. Once this discovery was made, Descartes' entire life was channeled towards the discovery of this admirable science, behind all sciences, a general science that captures the intimate nature of order and measure, without entering into the research of particular objects. Descartes explains the name Mathesis by the fact that, if the concept of "mathematics" meant only science for the ancients, then the sciences must name parts of this science of sciences, which is Mathesis Universalis. The idea of Mathesis Universalis which gave wings to his spirit of youth, seemed an extremely dangerous one at a time when universality caught other types of expression.

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Mathesis Universalis and the Cartesian Unification of Philosophy, Science, and Religion

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Abstract: *In this paper we present the manner in which René Descartes discovered the principle of the autonomy of the spirit as a Mathesis Universalis, as a universal science, his perception being much different from the medieval scholastic one, where the intellect corresponded with the sensible reality. Descartes reversed this suitability, considering that the intellect should not be guided by things and build judgments according to them, but, on the contrary, things are analyzed according to the intellect's abilities to give them meanings and sense, to make them intelligible.*
Firstly, we will demonstrate that, for Descartes, the very existence, the reality of a thing depends on this light of the intellect that unifies all knowledge through Mathesis Universalis. For the French philosopher, order and measure, captured by Mathesis Universalis, become the qualities by which God, the only perfect Being, created the Universe that obeys a coherent mathematical model.
Secondly, we will highlight the fact that the starting point of this new metaphysics could be found in Descartes's view that God cannot be considered deceptive, that the world is not the creation of an evil and cunning Genius.
In conclusion, knowledge through Mathesis Universalis leads the spirit to that place where the reasons of universal peace can be founded, whose purpose is to overcome those structures of the imaginary that wing the irrational drives dressed in the clothes of war and death.

4. RESEARCH METHOD & METHODOLOGY

Mathematical Concepts-Mathematical Issues-Mathematical Contexts constitute the constructive educational backbone in this structured human world of ours which is the sole explorer of decoding the super-human, super-natural and divine-capacities. There has been no human-collapse of interpreting equilibrium and/or unity since for every human-support, there exists an anti-human-opposite; for every human-positivity, there is a human-negativity and for every humanitarian-discipline, there is an anti-humanitarian-indiscipline. As a necessary and essential conditionality, secondary sources of research quality, research quantity and research data in their state of plenty availability across the established academic mathematical disciplines have got to be relied upon. This provided umbrella-coverage for the Paper's title which sounds like a debate of a public affair as to which philosophical relevance is operating as the real-world-sustainer.

5. PHILOSOPHICAL FOCUS HIDDEN Y=mX+C SUSTAINER

The central theme of philosophical inquiry revolves around the concept of philosophical focus. In unique words, elucidation of philosophy revolves around the concept of concentrated thinking, comparing the cognitive capacity of the human brain with the boundless expanse of space. Explanation on philosophy concentrated thinking between a brain and unlimited Space varies from creation to creation as well as from time to time

- **Explored-Explanation on Determinism vs. free will**

Deterministic view: This equation can be seen as representing a deterministic view of the world, where every outcome (Y) is determined by the initial conditions (C) and the influence of external factors (m). This aligns with philosophical determinism, suggesting our choices and actions are predetermined.

Free will view: Conversely, one could argue that the equation doesn't capture the entirety of human experience. While external factors and initial conditions play a role, our choices (represented by deviations from the linear path) can influence the outcome (Y), suggesting a degree of free will.

- **Explored-Explanation on Determinism vs. Randomness**

This equation represents a linear relationship, suggesting that for every change in X (independent variable), there's a predictable change in Y (dependent variable). This implies a deterministic view of the world, where cause and effect are clear and outcomes are predetermined. However, real-world systems are often complex and influenced by various factors beyond our control, introducing elements of randomness and challenging pure determinism.

- **Explored-Explanation on Determinism vs. Indeterminacy**

This equation represents a linear relationship, suggesting a deterministic world where one variable (Y) is fully determined by another (X) and a constant (C). This aligns with deterministic philosophies that believe the future is predetermined by initial conditions.

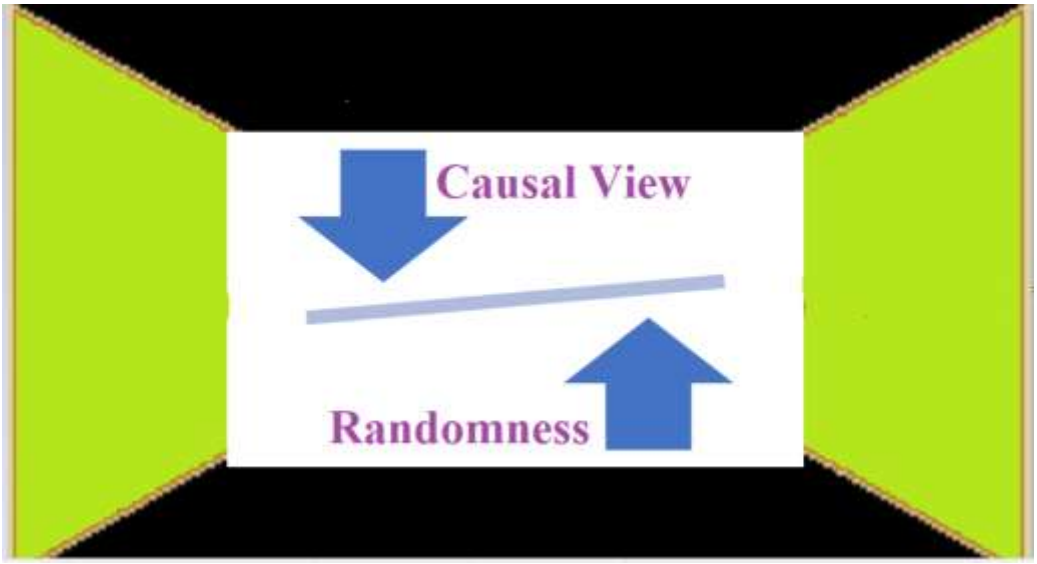
However, the equation doesn't account for real-world complexities like randomness, noise, and external factors. This aligns with indeterministic philosophies that highlight the inherent uncertainty and unpredictability of life.

- **Explored-Explanation on Reductionism vs Holism**

Reductionist view: The equation encourages breaking down complex problems into smaller, linear components (m and C). This aligns with reductionism, where complex systems are understood by analyzing their individual parts. Also, a reductionist approach intrinsic in the equation breaks down a complex phenomenon into its fundamental components (X, Y, C). seeking to understand wholes by analyzing their parts.

Holistic view: However, real-world problems are rarely linear, and essential aspects might be lost in such reduction. This aligns with holism, emphasizing the interconnectedness and emergent properties of complex systems. In other words, the equation ignores the potential for emergent properties, where the whole is greater than the sum of its parts. This aligns with holistic philosophies that emphasize the interconnectedness and interdependence of things

- **Explored-Explanation on Cause-effect vs. randomness**



Causal view: The equation implies a clear cause-and-effect relationship between x and y, with m representing the causal strength. This aligns with traditional views of causality.

Randomness view: However, the real world often involves randomness and non-linear relationships. The equation might not fully capture the messy interplay of factors influencing outcomes.

- **Explored-Explanation on Idealization vs. complexity**

Idealized view: The equation represents a simplified, idealized model of a relationship. This can be helpful for understanding general trends, but might not reflect the nuances and complexities of real-world situations.

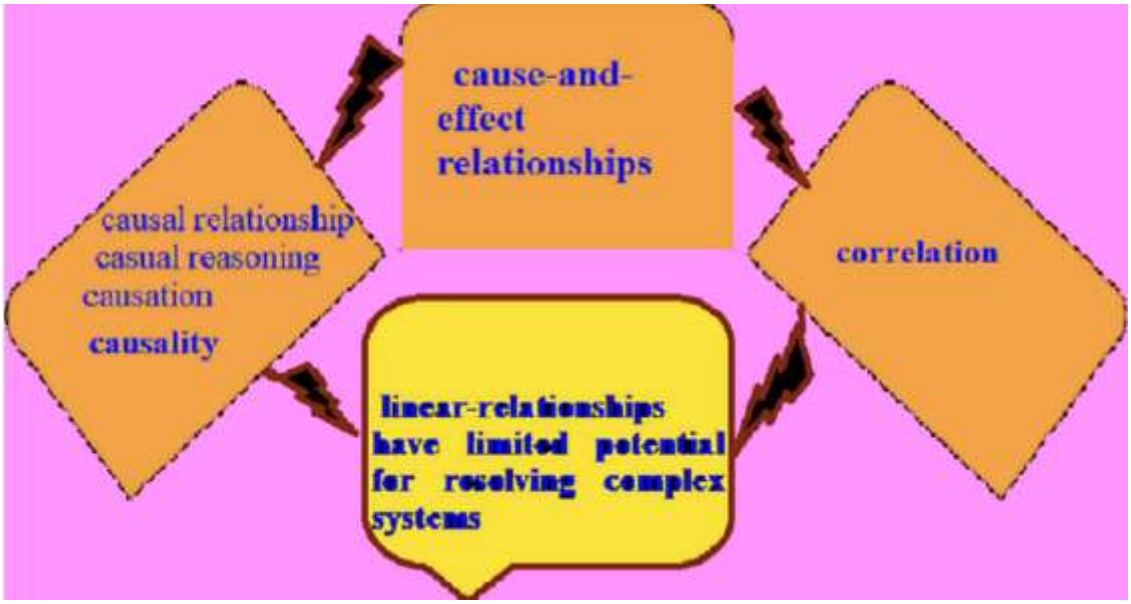
Complex view: Recognizing the limitations of this idealized model encourages embracing the inherent complexity of real-world problems, acknowledging factors beyond the scope of the equation. Acknowledging the constraints of the idealized framework promotes the acceptance of the intricate nature of complex issues and challenging disruptions in the real world, while also recognizing the influence of factors that extend beyond the intended boundaries.

6. SERIES OF LECTURED EXPLANATIONS

These are engaging educational presentations called series of lectured explanations. Not boring lectures but easier to saying goodbye to traditional irrational and illogical explanations which embrace learning with our educational presentations. Not only exciting and interactive but explored and designed to captivate complex concepts to understand.

- *Causality vs. Correlation*

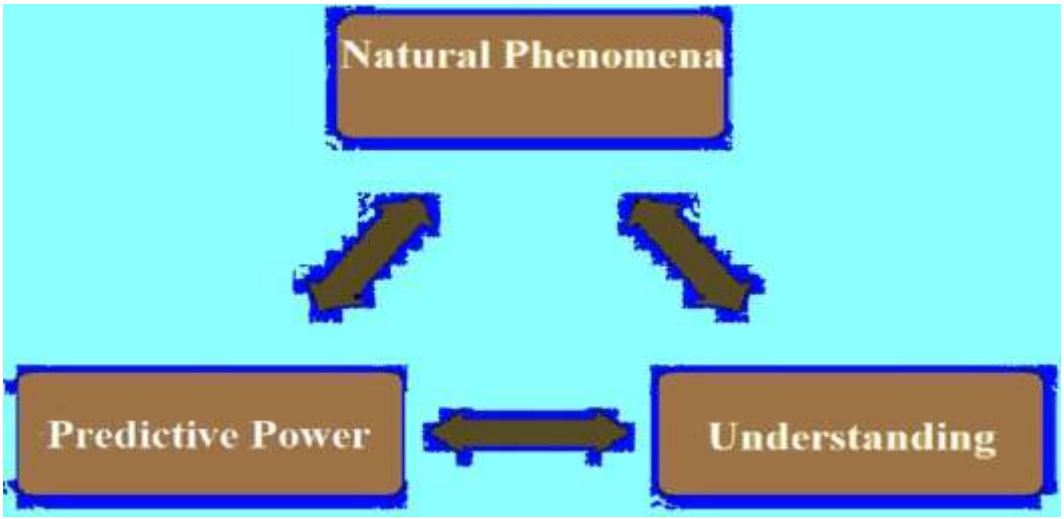
The equation implies a causal relationship between X and Y, where X directly causes Y. This aligns with causal reasoning, seeking to understand the cause-and-effect relationships between events. However, the equation doesn't distinguish between correlation and causation. Just because X and Y are related doesn't mean X causes Y. This highlights the limitations of relying solely on linear relationships for understanding complex systems.



- *Prediction vs. Understanding*

The equation allows for prediction. Given X or changes in X, we can predict Y based on X. This aligns with the scientific method, seeking

to predict and explain natural phenomena. However, the equation doesn't necessarily provide deep understanding of the underlying mechanisms at play. This highlights the importance of complementing quantitative models with qualitative analysis and critical thinking. Predictive power is valuable in various fields, from science and engineering to economics and social sciences. However, focusing solely on prediction can overshadow the pursuit of deeper understanding of the underlying mechanisms and relationships that generate the observed behaviour.



- *Universality vs. Context*

The equation appears universally applicable, suggesting a common underlying structure for diverse phenomena. However, the real world is often context-dependent, and the specific values of m and C (slope and intercept) can vary significantly depending on the system under study. Recognizing the limitations of universality and appreciating the importance of context is crucial for meaningful interpretation.

7. LIMITATIONS OF MODELS & MODELLING CONCEPTS

The equation is a simplified model of reality, capturing only certain aspects of a phenomenon. This reminds us that all models have limitations and should be used with caution. By reflecting on these limitations, we can avoid the pitfalls of oversimplification and reductionism, striving for more nuanced and comprehensive understanding of real-world problems. The latter owe their existence contextually as well as conceptually discerningly.

8. CONCLUSION

Although equations are a valuable tool, it is crucial to bear in mind that they are merely models and simplified representations of reality. Real-world problems are often complex, nonlinear, and dynamic, which means that relying solely on equations can result in oversimplification and inaccurate conclusions. While equations may seem universally applicable, implying a common underlying structure for various phenomena, it is important to recognize that the real world is highly context-dependent, with specific systems being studied. Understanding the significance of context is essential for fully comprehending and interpreting meaningful information.

References

1. Dumitrescu, M. (2023) “Mathesis Universalis and the Cartesian Unification of Philosophy, Science, and Religion”, BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 14(4), pp. 160-167. doi: 10.18662/brain/14.4/498.

2. Marius DUMITRESCU | Romania – World LUMEN Congress 2021

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8. DOI - https://doi.org/10.55248/gengpi.4.523.42708