SRYAHWA PUBLICATIONS

Journal of Philosophy and Ethics
ISSN: 2642-8415 | Volume 5, Issue 1, 2023
https://doi.org/10.22259/2642-8415.0501002

RESEARCH ARTICLE

# Sequential Thought versus Nonlinear Thought Prolegomenon to Nonlinear Metaphysics

**Erwin L. Rimban**

*Cagayan State University Andrews Campus, Republic of the Philippines*

Received: 13 April 2023 Accepted: 25 April 2023 Published: 25 May 2023

Corresponding Author: Erwin L. Rimban, Cagayan State University Andrews Campus, Republic of the Philippines

## Abstract

This paper explores the fundamental differences between sequential and nonlinear thought processes and their implications for metaphysics. Sequential thought follows a linear, cause-and-effect pattern, while nonlinear thought involves a more complex, holistic approach. The discussion draws from various philosophical and scientific perspectives to analyze the nature and significance of these cognitive processes. The paper argues that nonlinear thought is essential for a comprehensive understanding of reality, particularly in the domain of metaphysics. By highlighting the limitations of sequential thought and the benefits of nonlinear thought, the paper aims to contribute to the development of a more sophisticated and nuanced framework for metaphysical inquiry.

**Keywords:** Sequential thought, nonlinear thought, metaphysics, causality, complexity, holistic, philosophy, science, cognition

## 1. Introduction

The purpose of this paper is to explore the fundamental differences between sequential thought and nonlinear thought, and their implications for metaphysics. Sequential thought refers to the linear, step-by-step process of thinking that is commonly taught and employed in academic and professional contexts. Nonlinear thought, on the other hand, is characterized by a non-sequential, holistic approach that allows for multiple perspectives and connections between ideas.

While sequential thought is often seen as the hallmark of rational and logical thinking, nonlinear thought has gained increasing attention as a valuable tool for creativity, innovation, and problem-solving. In this paper, we argue that nonlinear thought offers a promising avenue for advancing metaphysical inquiry, as it allows for a more comprehensive and nuanced understanding of reality.

We begin by discussing the limitations of sequential thought in metaphysics and exploring the potential benefits of adopting a nonlinear approach. We then delve into the characteristics of nonlinear thought and its relationship to metaphysics, drawing on examples from a range of disciplines. Finally, we conclude by offering some reflections on the implications of our analysis for the future of metaphysical inquiry.

Overall, this paper aims to contribute to the ongoing conversation about the role of different modes of thinking in philosophy and to stimulate further research on the relationship between nonlinear thought and metaphysics.

## 2. Discussion

### 2.1 Sequential and Nonlinear Thinking

In this section, we will discuss the characteristics of sequential and nonlinear thinking. Sequential thinking refers to the process of thinking in a step-by-step manner, where each step is dependent on the previous one. This type of thinking is linear and follows a logical order. It is often associated with analytical

**Citation:** Erwin L. Rimban, Sequential Thought versus Nonlinear Thought Prolegomenon to Nonlinear Metaphysics. Journal of Philosophy and Ethics. 2023; 5(1): 11-16.

thinking, where one breaks down a problem into smaller components to understand it better.

Nonlinear thinking, on the other hand, is not bound by a logical order. It is a process of thinking that allows for multiple solutions and perspectives to a problem. This type of thinking is often associated with creativity, as it allows for the exploration of new and unconventional ideas. Nonlinear thinking can be seen as more holistic, as it considers multiple factors simultaneously.

### 2.2 Sequential Thought and Its Limitations

In this section, we will explore the concept of sequential thought and its limitations. Sequential thought is a type of thinking that involves processing information in a linear manner, where one idea follows another in a logical and orderly sequence. This type of thinking is often associated with the left hemisphere of the brain, which is responsible for logical and analytical processing.

While sequential thought has been incredibly useful for problem-solving, decision-making, and scientific inquiry, it is not without its limitations. One limitation of sequential thought is that it is prone to oversimplification. When we process information sequentially, we often break down complex ideas into simpler parts, which can lead to oversimplification and the loss of important nuances and details.

Another limitation of sequential thought is that it can be slow and inefficient. Processing information sequentially requires a lot of cognitive effort, and it can take a long time to work through complex ideas in a logical and linear manner. This can be especially problematic when we are faced with complex problems that require creative solutions.

Furthermore, sequential thought is not always suited to handling non-linear problems. In non-linear problems, the relationship between cause and effect is not always straightforward, and events may not occur in a predictable order. Sequential thought may struggle to handle these types of problems, as it is not well-equipped to handle ambiguity, uncertainty, and complexity.

It is essential to recognize that individuals are inclined to follow a specific methodology in their thought process, known as serial processing. There are two fundamental methods of processing: left-brain processing, which is a linear/analytical process, and right-brain processing, which is a nonlinear/synthetic process. The left brain engages in a staged analysis of disparate information as it digests knowledge. Additionally, the left brain is responsible for cutting down a pattern into various clues, destroying pattern matrices to comprehend them. As such, the left brain is the primary tool of the scientist and technocrat.

Conversely, the right brain apprehends disparate information as a whole, synthesizing the pattern information matrix in one singularity and attempting to absorb its data in one loop. This is undoubtedly a higher order of processing, with left-brain serial processing being a lower order of rung. Yet both have their advantages and disadvantages.

Let us consider a simple exercise to illustrate these two distinct informational processing realms. Collect twelve pebbles and arrange them in a series from left to right, one after each other, in a straight pattern. You could give them names like alpha, beta, gamma, delta and so on. Speak their names out loud if you wish, to accentuate the exercise. Now, look at what you have constructed. This is a serial or linear pattern, as you called out the names of the pebbles from a certain perspective, using a specific direction only. This is how the human mind in the 3d universe thinks mostly.

Now, let us create another pattern. Arrange the pebbles in a circle, taking care to make the distance from each other similar as much as possible to effect maximum symmetry. Now, call one of your friends and ask them to contemplate the pattern. Can they tell which of the pebble came first in the order and which came last? Surely not, in normal terms. This pattern you created is now what we call the nonlinear pattern. It has no beginning nor ending, it is apprehended as a holistic pattern by the mind, and it is not ordered in a sequential way. This is the true pattern of the universe, nonlinear reality. The sequential universe that we currently comprehend is thus only a simple derivative of the true universe.

The seeds of understanding the difference between nonlinear and sequential thought actually begin with the study of light. Light is both a particle as well as a wave. Here is already the difference. The particle property of light simulates the sequential universe while the wave property of light simulates the nonlinear universe.

The sciences, by their very nature, are exercises in the inexorable logic of the left brain, while the arts are delicious adventures in the panoramic feast that is right-brain nonlinear processing.

Overall, while sequential thought is a powerful tool for processing information and solving problems, it

is not without its limitations. As we will see in the next section, non-linear thought offers an alternative approach to thinking that can be better suited to handling complex and non-linear problems.

Calibration, prediction, and measurement are the cornerstones of sequential thought, which finds its peak in the predictive sciences. This mode of thought entails a step-by-step processing of the mortal mind that engineers and contemplates a predictive method that convinces it of controlling the evolution of the worldsphere through space and time. However, every time the sequential mind contemplates this fact, the very polarities that it seeks to control will confront it, defying its well-thought-out schemes. The polarities themselves supply the challenge to its mindset, and thus, it rationalizes the use of technology for greater and greater mastery of the known variables of each continuum arrayed before it. The sequential mindset patiently categorizes all knowledge into the known and the unknown, makes a persistent effort to discover the unknown, and finds that for every known thing that it masters, a new set of unknowns arises, causing it mental suffering. Locked in sequential thought processing, it will continue to master every set of unknown variables thought time and space because there is no other way to solve its conundrum. The sequential mindset is therefore locked in a vicious cycle of its own making.

The predictive powers of the sequential mind, in its own context, are impressive since it seeks to create, cultivate, and propagate alphabets of understanding, which it uses to navigate from the known to the unknown. These alphabets are all languages, from linguistic forms to mathematical worlds, computer languages, and symbolic forms. These languages are potent since they give rise to a particular type of internal logic that arises out of their syntax and coding. Like a game of chess or GO, these languages persist since they can define protocols in their own worldspheres, and all forms are fractals of the Cosmos and therefore partake of its power. In this sense, sequential constructs have an abundance of order since that is the part of the cosmos that they express. However, the sequential mind faces a problem when it attempts to translate these languages and interpret the Cosmos as a whole, for here the map fails, and it fails miserably.

The Cosmos is too vast and complex to be interpreted by any mental map, no matter how profound the map is. A map is still a map, and there are limits to what a map can understand, which are defined by the nature of the fractal contexts of which the map is the intended instrument of measure. The farther away from this fractal context, the map loses its intelligibility, and it crashes, meaning it lacks translation protocols to define new ways of understanding the terrain. It becomes lost in translation.

The lesson here for the sequential mind is to appreciate the various maps, languages, and instruments for their own purposes, knowing when it is time to discard them. It must never make the mistake of thinking the map is Infinite Reality itself. Sequential thought must recognize its limitations and acknowledge the need for nonlinear thinking to provide a more comprehensive understanding of the Cosmos. In embracing nonlinear thinking, the sequential mind can move beyond the limits of its maps and languages, and explore new dimensions of the Cosmos that were previously uncharted.

### 2.3 Nonlinear Thought: An Alternative Perspective

In contrast to sequential thought, nonlinear thought operates in a more intuitive and non-linear fashion, with connections between seemingly unrelated ideas and experiences being made spontaneously. Nonlinear thought does not follow a predefined set of rules or steps, but instead allows for more free-flowing and creative thinking. It allows individuals to generate novel insights and come up with innovative solutions to complex problems that may not have been possible with sequential thought alone.

Nonlinear thought has been observed to be more prevalent in individuals with artistic or creative tendencies, and is often associated with activities such as brainstorming, improvisation, and free association. It has been shown to be an effective tool in various fields, including science, art, and business, where the ability to generate new and unique ideas is highly valued.

However, nonlinear thought is not without its limitations. It can be difficult to convey ideas generated through nonlinear thought to others who are not familiar with the individual's thought process. Additionally, because nonlinear thought does not follow a set pattern or structure, it can be challenging to replicate successful ideas generated through nonlinear thought.

### 2.4 Nonlinear Metaphysics: An Exploration

In the realm of metaphysics, the distinction between sequential and nonlinear thought is particularly significant. Traditional metaphysical frameworks are

often built upon a set of linear, sequential steps that attempt to provide a comprehensive explanation of the nature of reality. However, such frameworks may overlook important nuances and complexities that can only be apprehended through nonlinear thought.

Nonlinear metaphysics, on the other hand, embraces the complexity and ambiguity of the world, and allows for a more nuanced and inclusive understanding of reality. It recognizes that reality is not a fixed, static entity, but a dynamic and constantly evolving process that is shaped by the interplay of multiple factors.

In nonlinear metaphysics, concepts such as time, causality, and identity are not treated as fixed and immutable, but rather as fluid and constantly changing. This perspective allows for a more nuanced understanding of phenomena that are often thought of as absolute or objective, such as the nature of consciousness, the existence of God, or the meaning of life.

Nonlinear metaphysics is not without its critics, however. Some argue that it is too open-ended and lacks the rigor and structure of traditional metaphysical frameworks. Others contend that it is too subjective and prone to individual biases, making it difficult to establish objective truths.

Nonlinear thought has several applications in various fields, including education, psychology, and the social sciences. In education, nonlinear thought promotes critical thinking and creativity, allowing students to generate unique solutions to problems. It also encourages the development of alternative perspectives, which can enhance students' understanding of complex subjects.

In psychology, nonlinear thought is essential in understanding complex human behaviors and mental processes. It can help psychologists to create more effective therapeutic interventions and develop new theories of human cognition. For instance, nonlinear thought is particularly useful in understanding how humans process and respond to emotions, which is a complex, multidimensional process.

In the social sciences, nonlinear thought can help researchers to understand complex social phenomena, such as cultural diversity, social stratification, and social change. Nonlinear thought allows researchers to explore the nuances and complexities of human behavior and social systems, which cannot be fully captured by traditional linear models.

Overall, nonlinear thought has the potential to revolutionize various fields by providing a new perspective on complex problems and phenomena. It encourages creative and critical thinking, challenges traditional modes of thought, and promotes a deeper understanding of the intricacies of the world around us. As such, it is an essential tool for researchers and practitioners in education, psychology, and the social sciences.

## 3. Conclusion

In conclusion, the distinction between sequential and nonlinear thought has important implications for our understanding of the world around us. While sequential thought is essential for many practical tasks, nonlinear thought allows for a more intuitive and creative approach to problem-solving and idea generation. In the realm of metaphysics, the embrace of nonlinear thought opens up new possibilities for understanding the complexities of reality and the nature of our existence.

Nonlinear metaphysics is still a relatively new field, and much work remains to be done to establish its validity and rigor. However, the recognition of the limitations of traditional metaphysical frameworks and the potential of nonlinear thought to provide a more nuanced and inclusive understanding of reality make it a promising area of study for future research.

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