

SCIENCE, REASON AND CONSCIENCE: A PHILOSOPHICAL JOURNEY FROM THE CHAIR TO THE CREATOR – 23

“The Universe's Resistance: Signs of the Creator in the Waning of Energy”

The silence deepened with the echo of questions reverberating through the room. The Believer's challenging words rippled through minds like a stone dropped into still water. The Atheist's admission and the Deist's hesitant defense signaled that this philosophical arena would be fiercely contested. Yet, the true battle was just beginning: this was not merely a debate but a cornerstone on the path to truth.

The sparks of thought had the power to shake not only ideas but also convictions. The pursuit of truth delved into the depths of the heart, seeking answers to humanity's most ancient questions through an understanding of the universe's workings.

Are you ready? Now, we move beyond questions, taking another step toward uncovering *the truth about the owner of the universe*.

Believer: You argue that the universe was created with perfect order and subsequently requires no intervention. However, I will present just **five** among the many pieces of evidence that demonstrate the universe is not self-sufficient and continuously requires the intervention of a Creator. One of these is the “**Evidence of Systems' Wear and Maintenance Needs.**” This evidence clearly shows that the universe was not merely created at the beginning and left to run on its own; rather, it is sustained through constant oversight and intervention.

The room filled with the resonance of the Believer's words. Silence deepened, drawing the listeners into profound contemplation. The Atheist rested his chin on his hand, the Deist leaned slightly forward on the table, and the Agnostic shifted uneasily in his seat. Each was experiencing an inner reckoning.

The Believer took a deep breath and scanned the room. The atmosphere grew tense, and everyone eagerly awaited the impact of the next argument.

Believer: Now, let me expand on this evidence by explaining what I mean through the laws of physics and the concept of entropy:

The laws of physics, particularly the “**Law of Entropy,**” reveal that systems tend to deteriorate over time.¹ Entropy represents the degree of disorder within a system,² and according to the “**Laws of Thermodynamics,**” “*closed systems*” inevitably progress toward greater disorder.³ This means that even if a system operates “*perfectly*”, it will eventually require external intervention or maintenance.⁴

For instance, consider a car engine. It is meticulously designed to optimize the mixture of fuel and air for efficient performance. However, over time, its parts wear out, requiring oil

changes, maintenance, and repairs. Every car, regardless of how advanced its design may be, needs servicing at specific mileage intervals. Sooner or later, it requires the intervention of an engineer or technician.

This principle applies to the universe as well: no matter how perfectly it operates, it cannot sustain itself indefinitely without external oversight and care.

The Deist leaned slightly forward in his chair, not even waiting for the Believer to finish speaking. The deep furrow between his brows hinted that **he had caught onto something**. His voice, sharp and confident as if correcting an error, rang out with conviction:

Deist: I acknowledge the validity of the law of entropy concerning the universe; however, I do not believe that this law necessitates divine intervention.

The words reverberated through the room, with the Deist's assertive tone adding a new dimension to the discussion. Lightly tapping his hand on the table for emphasis, he continued:

Deist: The universe was created with such perfect order at the beginning that it can sustain itself through "*natural mechanisms*" and "*laws.*" **Even tendencies toward decay, such as entropy,** may be balanced by the mechanisms set in place during the universe's creation.

The room fell into a profound silence following his statement. The Deist's gaze moved from the Atheist to the Agnostic and finally to the Believer, as if seeking validation from each of them. His movements clearly conveyed his desire to reinforce his argument. Then, as if he had stumbled upon the perfect analogy to turn the debate in his favor, he clasped his hands together and elaborated:

Deist: Just like a master watchmaker who designs a flawless watch, ensuring it operates without the need for constant adjustment, the Creator crafted the universe in a similarly perfect manner. It was set in motion to function on its own, without requiring continuous intervention.

This statement instantly shifted the atmosphere in the room. The Deist's confident tone commanded attention. The Atheist nodded slightly, as if agreeing with the point, while the Agnostic lowered his gaze, seemingly lost in the weight of his thoughts. The Believer listened calmly, his expression composed, though a glimmer of wisdom in his eyes hinted at a more comprehensive response in preparation.

Believer: Your watch analogy is interesting but insufficient. Even the best-designed watch will eventually experience mechanical wear and stop functioning due to energy loss. For its

order to continue, it requires maintenance by a watchmaker or an energy supplement. Similarly, assuming that the universe can sustain itself indefinitely without continuous intervention from a creator is misleading. The law of entropy demonstrates that the universe is inevitably moving toward disorder and an ultimate end—what is known as “**heat death**.”⁵ This implies that without ongoing oversight and intervention by a creator, the universe cannot sustain its existence.

The Believer's explanation brought a scientific weight to the atmosphere in the room. A heavy silence settled as the listeners processed the argument. Amid the quiet, however, the Deist smiled. Though seemingly polite, his smile carried **the undertones of a calculated rebuttal**. His eyes narrowed slightly, *as if laying the groundwork for his forthcoming response*.

Leaning back slightly in his chair, the Deist brought a hand to his chin and glanced around the room. With an air of calm confidence, he began to speak:

Deist: However, one could argue that the universe is far more complex and self-sustaining than a watch. **A watch is the product of a limited design**, whereas the universe was created by the Creator with a far superior order.

As he spoke, the smile at the corners of his lips became more pronounced. It carried a subtle challenge, as if saying to the Believer and everyone else in the room, “*I have more to say, just wait.*” The Atheist raised his eyebrows and looked at the Deist intently, while the Agnostic bowed his head, seemingly lost in deep thought. The Believer, however, maintained his composure, mentally preparing for a more comprehensive response to counter the Deist's calculated argument.

Believer: The fact that the universe was created with a superior order does not mean it requires no intervention. The second law of thermodynamics, the law of entropy, predicts that the universe is inevitably moving toward disorder and will eventually reach an ultimate end—“**heat death**.” This law **demonstrates that systems cannot maintain their order on their own and that energy consumption continuously increases.**⁶

Deist: I want to understand more. If, as you claim, there is intervention, how can we clearly observe it in the workings of the universe?

This question signaled that the discussion was about to ascend to a new level. A faint smile appeared on the Believer's face. His voice, rising amidst the silence, eased the tension in the room while simultaneously igniting a fresh wave of curiosity.

Believer: “*The universe's resistance,*” he said, glancing briefly at the sky, “is the most tangible evidence of the Creator's presence. **While an initial order would be doomed to**

depletion under the law of entropy, we still observe a functioning system. If you choose to look, you can find traces of a Creator's intervention in every detail of this order."

A tense atmosphere filled the room; everyone eagerly awaited to see where the discussion would lead. Perhaps, *in this arena where ideas were tested, the seeds of truth might once again take root and blossom.*

Deist: How do you infer the necessity of a creator's intervention based on this law? Does this law contradict the idea that the universe was perfectly designed from the beginning and that its order has been sustained through "*natural laws*"?

See you in the next chapter, God willing...

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