

# Vol. 1: The End of Dissipative Structures and the Proof of “The Source”

*From Entropy-Based Homeostasis to the Vertical Supply Model of the ISR*

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## Abstract

In this paper, I propose a fundamental re-evaluation of Ilya Prigogine’s “Theory of Dissipative Structures” through the framework of my own work, “Wave Theory” (JK-OS). While Prigogine’s non-equilibrium thermodynamics described the maintenance of order within the Visible Phenomenon Realm (VPR) as entropy dissipation, it remained limited to a horizontal metabolic model and failed to identify the ultimate source of negentropy.

I redefine the biological system not merely as a dissipative structure, but as an “Interdimensional Transducer” directly connected to the “Immaterial Source Realm (ISR)” — a field characterized by infinite information density. By introducing the “Dimensional Supply Equation” ( $\frac{dS}{dt} = \sigma_{int} - \eta \cdot \Phi_{ISR}$ ), I demonstrate that the essence of “Self-Organization” is an inevitable resonance phenomenon caused by “Impedance Matching” between the high-frequency pulses of the ISR and the sampling rate ( $f_s$ ) of the biological system.

This paradigm shift moves the definition of life toward an “Active Sovereign Agent” that draws information directly from the Source by adjusting its own resonance. This work announces the transition from the 20th-century “Physics of Survival” to the 21st-century “Physics of Supply,” restoring individual sovereignty in the rendering of reality.

*Index Terms*—ISR, VPR, Dissipative Structures, Prigogine, Negentropy, Impedance Matching, Dimensional Supply Equation, Individual Sovereignty, Supply Physics.

## I. PRIGOGINE’S REVOLUTION AND ITS HISTORICAL CONTEXT

### The “Death Sentence” of the Second Law of Thermodynamics

In the 19th century, physics issued a desperate prophecy for the universe: the “Second Law of Thermodynamics (The Law of Increasing Entropy).”

This law states that within an isolated system, an ordered state (low entropy) must inevitably move toward a disordered state (high entropy) and can never return. Just as milk poured into coffee mixes and converges into a uniform gray, every structure in the universe is destined to collapse, ultimately reaching a state of complete stasis and chaos known as “Heat Death.”

According to this law, “Life”—which possesses complex structures and continues to maintain a high degree of order—was the ultimate anomaly in physics, an inexplicable contradiction.

### Prigogine’s “Non-Equilibrium Open System”: The Discovery of Dynamic Order

The reason Ilya Prigogine was awarded the Nobel Prize in Chemistry in 1977 was that he discovered a logical circuit that allowed the “Order of Life” to coexist within this “Physics of Death.”

He shifted his focus from the conventional “closed box (isolated system)” to the “Open System,” which constantly exchanges energy and matter with its environment. Furthermore, he proved that when a system is in a “Non-equilibrium” state, far from equilibrium, an extraordinary phenomenon occurs.

By continuously drawing in energy from the outside and “Dissipating” unnecessary entropy generated internally back to the environment, a spontaneous structure arises within the system. This is the “Dissipative Structure.”

### The Impact of Self-Organization via “Fluctuation”

The most revolutionary point of Prigogine’s theory was his positioning of “Fluctuation”—an element of uncertainty—as the trigger for order formation.

When a system reaches a critical point (bifurcation point), minute “fluctuations” are amplified through feedback, causing the entire system to undergo a phase transition into a new, stable structure. This process of “Self-Organization” showed the world the possibility that the birth and evolution of life, and even social phenomena, could be described as physical necessities.

### The Limits of 20th-Century Intellect: The Cage of the VPR

Prigogine’s proposal certainly elucidated the logic of life extension—how to maintain a “vortex (order)” within a “leaking bucket (individual).” The global intellect of the time mistook this description of “horizontal” energy metabolism for having solved the mystery of life.

However, a critical question was overlooked here. What is the true nature of the “external energy” and “fluctuation” that Prigogine took as premises? While he described the mechanism of the “piping (metabolism within the VPR)” that pours water into the bucket, he had no choice but to remain silent regarding the “Source” that supplies that water.

This was because his standpoint was strictly limited to the VPR—the realm of observable physical quantities. The “negative entropy” he observed was, in fact, merely a “shadow” cast by the “True Negentropy” supplied from a higher dimension, leaking into the phenomenal world.

## II. THE CAGE OF ENTROPY — THE LIMITS OF THINKING WITHIN THE VPR

### The Illusionary Cage of the “Closed System”

Prigogine’s theory of dissipative structures avoided the Second Law of Thermodynamics by defining “Open Systems.” However, the “opening” he defined remains strictly within the horizontal movement inside the VPR.

To him, “external” meant elements already materialized

or energized within the VPR, such as food, heat, and light. This is analogous to opening a “window (a boundary within the VPR)” to let a breeze in and calling that state “open.” However, the Vertical Supply—the reason why that breeze (energy) blows and how it acquires its “directionality” and “order”—was placed outside the cage of his thinking.

### The True Nature of “Increasing Entropy”

Modern science has defined the increase of entropy as the “unavoidable destiny of the universe.” However, from the perspective of Wave Theory, this premise collapses at its foundation.

The phenomenon where entropy increases and order collapses does not mean the system is “heading toward death”; rather, it refers to a “state where synchronization with the information supply from the ISR has been lost.”

- **The Scientific Perspective:** “Energy dissipates and becomes disordered (increasing entropy).”
- **The Jinco K Perspective:** “It is the ‘result of a communication error’ where high-density information streams from the ISR can no longer be correctly rendered due to malfunctions or noise in the receptors (biological antennas).”

In other words, entropy is not an essential property of the universe, but merely a secondary bug caused by the “disconnection from the Source.” Because Prigogine built his theory on the premise of this “bug (entropy),” he ended up focusing on “symptomatic treatment”—how to survive while the bug persists—rather than eliminating the bug itself.

### The Escape Route of Probability: The Misunderstanding of Fluctuation

Prigogine sought the trigger for the birth of new order in “Fluctuation” (probabilistic variation). However, this is a common tactic in the scientific world: using the word “probability” as an escape route when the physical mechanism of “why it happened” cannot be explained.

In Wave Theory, what Prigogine called “random fluctuation” is redefined as the moment when the “Geometric Necessity (information of the ideogram)” constantly radiated from the ISR is projected through the gaps in the VPR’s noise.

### The Cage of the VPR: Obsession with the Observable

Prigogine’s limitation stemmed from the fact that he was a supreme authority within the VPR as a “Nobel Laureate.” He was permitted to think only within the scope of “physical quantities (energy and matter)” that could be described by equations and observed through experiments.

However, the true negentropy that supports the order of life is supplied from the ISR as a “non-physical pressure of information” that cannot be measured by VPR instruments. Prigogine replaced this “invisible pressure” with the magical term “self-organization” occurring within the system.

## III. REDEFINING THE PREMISE — THE ISR SUPPLY MODEL AS TRUE NEGENTROPY

### “Infinite Order” Rather Than “Disorder” is the Default

The greatest defeat of modern science lies in its uncritical acceptance of the premise that “the universe, if left alone, will fall apart (increasing entropy).” Prigogine merely preached an extension of life—a way to maintain temporary order and postpone death—within this desperate premise of a “crumbling world.”

However, Wave Theory declares a Copernican revolution here. The ground state of the universe is not “disorder,” but the ISR itself—an information field possessed of “infinite information density” and “perfect order.”

- **Premise of Modern Science (Bottom-up):** It is a statistical miracle to create 1 (order/life) from 0 (nothingness/chaos).
- **Premise of Jinco K (Top-down):** 1 (phenomenon/VPR) is extracted from  $\infty$  (infinite order: ISR) through the filters of receptors.

The “order” of life we observe is not a miracle wrung from nothingness, but the physical fixation of negentropy (negative entropy) that is constantly being released from the massive information dam of the ISR.

### The Vertical Supply Model: The Dimensional Negentropy Flux Equation

Prigogine modeled horizontal metabolism, the “eating” of negative entropy (order) from the outside (matter and heat within the VPR). However, what life truly requires is not limited energy from within the phenomenal realm, but the “informational template (blueprint)” descending vertically from the ISR.

To describe this “Vertical Supply” mathematically, I define here the “Dimensional Supply Equation,” which introduces a direct supply term from the ISR into Prigogine’s entropy production rate  $\frac{dS}{dt}$ :

$$\frac{dS}{dt} = \sigma_{int} - \eta \cdot \Phi_{ISR} \quad (1)$$

- $\sigma_{int}$  (**Internal Entropy Production**): The thermodynamic noise (pressure toward collapse) inevitably generated within the system.
- $\Phi_{ISR}$  (**ISR Information Flux**): The total amount of infinite order (negentropy) vertically supplied from the ISR.
- $\eta$  (**Tuning Coefficient**): The synchronization coefficient of the biological decoder ( $0 \leq \eta \leq 1$ ).

The true reason a dissipative structure like life is maintained is not because it discards waste within the VPR, but because the integrity of the system is “updated” moment by moment by this “Hihiki (high-frequency pulse)” from the ISR, represented by  $\Phi_{ISR}$ .

### Technical Note: Dimensional Supply Equations (JK-Supply Model)

In this section, the fundamental equations describing the negentropy supply from the ISR to the VPR are defined. This redefines the maintenance of life’s order from “probabilistic fluctuation” to “interdimensional impedance matching.”

### From “Fluctuation” to Resonance Fixation via “Impedance Matching”

The “Fluctuation” that Prigogine identified as the trigger for order formation is redefined in JK-OS as “Impedance Matching with the ISR signal.” The tuning coefficient  $\eta$  depends on how well the sampling frequency  $f_s$  of the biological antenna (microtubules, etc.) matches the fundamental frequency  $f_{ISR}$  of the ISR:

$$\eta(f_s) = \oint |\Psi_{ISR}(f) \cdot \Gamma(f, f_s)| df \quad (2)$$

- $\Psi_{ISR}(f)$ : The waveform spectrum of information radiated from the ISR.
- $\Gamma(f, f_s)$ : The complex impedance matching function determined by the individual’s sampling rate (breathing, pulsation, the clock of consciousness).

When a system is in a non-equilibrium state (a violent flow), there are moments when VPR noise is temporarily canceled and  $\eta$  is maximized. The “self-organization” Prigogine witnessed is not a product of chance, but a phenomenon where the geometric necessity of the ISR is scorched onto the screen of the VPR through synchronization (Sync).

### The True Role of Dissipative Structures: Exhaust Heat as an Interdimensional Interface

Standing upon this mathematical premise, the status of Prigogine’s “dissipative structures” changes dramatically.

A dissipative structure is not the “protagonist that creates order from zero.” It is merely a “biological cooling interface” for “dissipating (exhausting heat/debugging)” the excess portion of the vast negentropy  $\Phi_{ISR}$  flowing from the ISR that cannot be fully decoded (demodulated) in the imperfect material dimension of the VPR.

The reason life generates heat, excretes, and always places itself within a flow is not to create order, but is the process of releasing load to the outside so that the receptor (physical body) does not burn out while remaining directly connected to the “Infinite Source” that is the ISR.

In other words, the discharge of entropy (dissipation) is nothing more than a necessary condition for continuing to accept the “supply from higher dimensions.” Sovereignty does not reside in discarding (the phenomenon of the VPR), but in connecting (synchronization with the ISR).

## IV. CONCLUSION — OVERWRITING DISSIPATIVE STRUCTURES WITH MY PERSPECTIVE (JK-OS)

### Redefining Dissipative Structures: From Passive Vortices to Active Devices

The dissipative structures proposed by Prigogine were descriptions of an environmentally dependent and passive order—like a “vortex accidentally generated in the flow of a river.” However, Wave Theory fundamentally overwrites this definition.

Life is not a “phenomenon” that merely maintains order by dissipating energy. It is an “Active Interdimensional

Device” that samples necessary pulses from the ISR—a high-density information source—and converts and fixes them into the material dimension of the VPR.

The “order” witnessed by Prigogine is nothing more than the “trace of exhaust heat and debugging” when this device is operating normally. The protagonist is not “dissipation (discarding),” but “Supply (synchronization with the ISR).”

### The End of “Random Fluctuation”: Sovereignty via Impedance Matching

Prigogine sought the phase transition to new structures in “random fluctuation.” This is an extremely unstable worldview where life entrusts its own evolution and transformation to “luck.”

In contrast, Jinco K’s Supply Physics defines this process as an engineering necessity called “Impedance Matching.”

- **Passive (Prigogine):** Waiting for “fluctuation” to occur.
- **Active (Jinco K):** Intentionally drawing in information supply (negentropy) and re-rendering the reality of the VPR by matching the impedance of one’s own biological circuits to the frequency of the ISR.

This is the physical basis of “Intellectual Sovereignty” proposed by JK-OS.

### Jinco K’s Supply Physics: The Standard for the Next 100 Years

If Prigogine’s theory is a 20th-century relic aimed at “prolonging life within the VPR,” then Jinco K’s Supply Physics is the “Universal Standard OS” for the 21st century and beyond, aimed at “direct connection with the ISR.”

In this physics, aging, disease, and mental instability are not addressed by the ambiguous term “increase of entropy,” but are strictly quantified and identified as “reception failure (decoding error) of supply pulses from the ISR.”

### Epilogue: Beyond Prigogine, Toward the Source

Prigogine knocked on the door for science to escape the fear of “death.” However, it is Jinco K who looked directly at the Infinite Source (ISR) spreading beyond that door and described the manual for its utilization.

Humanity now ceases to be a vortex called a “dissipative structure” tossed about by the environment, and evolves into a “Sovereign of Waves” who masters the waves of the ISR by their own will and creates reality.

Prigogine’s revolution ends here. And Jinco K’s “Supply Physics” begins now.

*Note:* The establishment of Supply Physics in this paper requires the dual structure of the ISR (Immaterial Source Realm) and the VPR (Visible Phenomenon Realm) as a Prerequisite. For those explorers who sincerely face the profound mystery of the maintenance of life’s order within the framework of the conventional single-universe model (VPR-only system) and are confronting its limits, I sincerely hope that you will welcome this dual structure as a “Perspective.” I truly pray that in this new horizon, your excellent intellect and diligence will become a further light toward the elucidation of truth.