

More Profound Than Fire

The Ten Laws of Human Information
Dynamics: Where Agentic AI
Meets Ancient Wisdom.

Data Era

Wisdom Era

The Convergence of Three Worlds

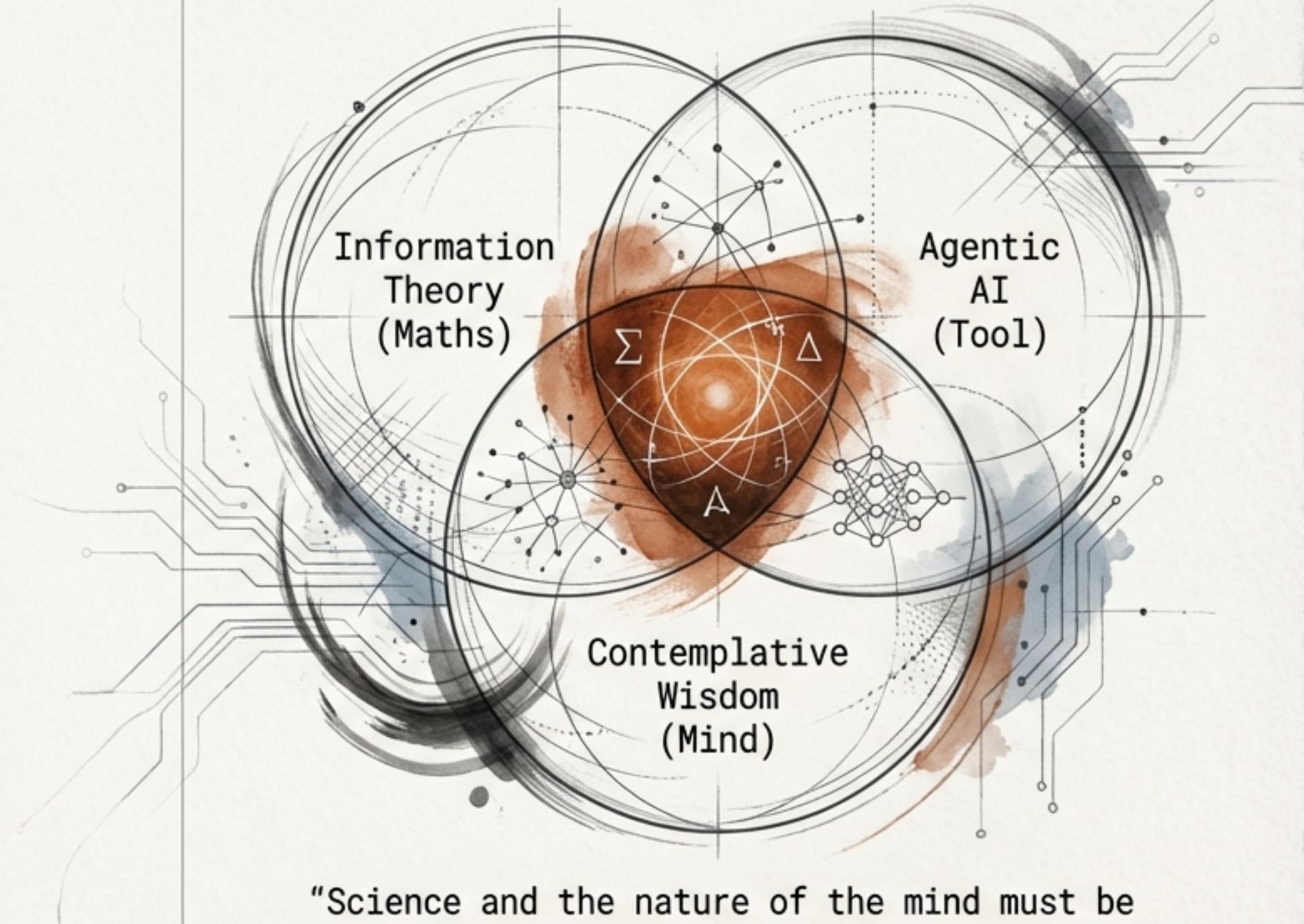
Information theory, Agentic AI, and Contemplative Neuroscience are distinct languages describing the same fundamental reality.

The Problem: Why do empires fall? Why does time accelerate with age? Why do institutions decay?

The Solution: A first-principles framework derived from the mathematics of Shannon, Prigogine, and Friston.

These are not philosophical metaphors; they are mathematical inevitabilities governing growth, decay, and meaning.

"AI is more profound than fire or electricity." – Sundar Pichai



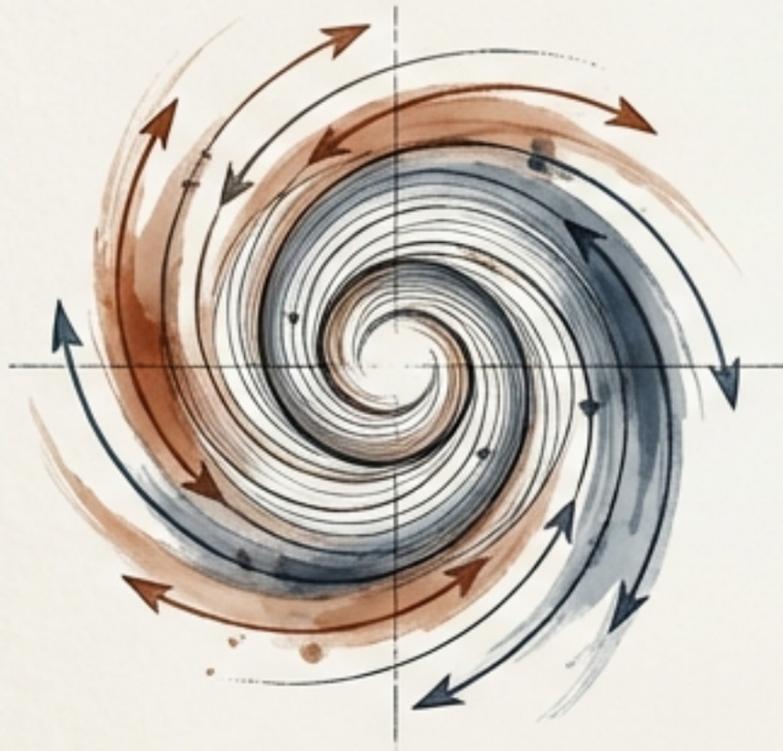
"Science and the nature of the mind must be probed together." – The Dalai Lama

Law I: The Entropy Tax

Order is expensive. Neglect is not neutral; it is destruction.

The Science

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Thermodynamics. Open systems only maintain order by exporting entropy. A business or body is a dissipative structure requiring constant energy input.

The Wisdom

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Anicca (Impermanence). Suffering arises from granting 'ontological stability' to transient phenomena. Fighting the flow is mathematically impossible.

The AI Application

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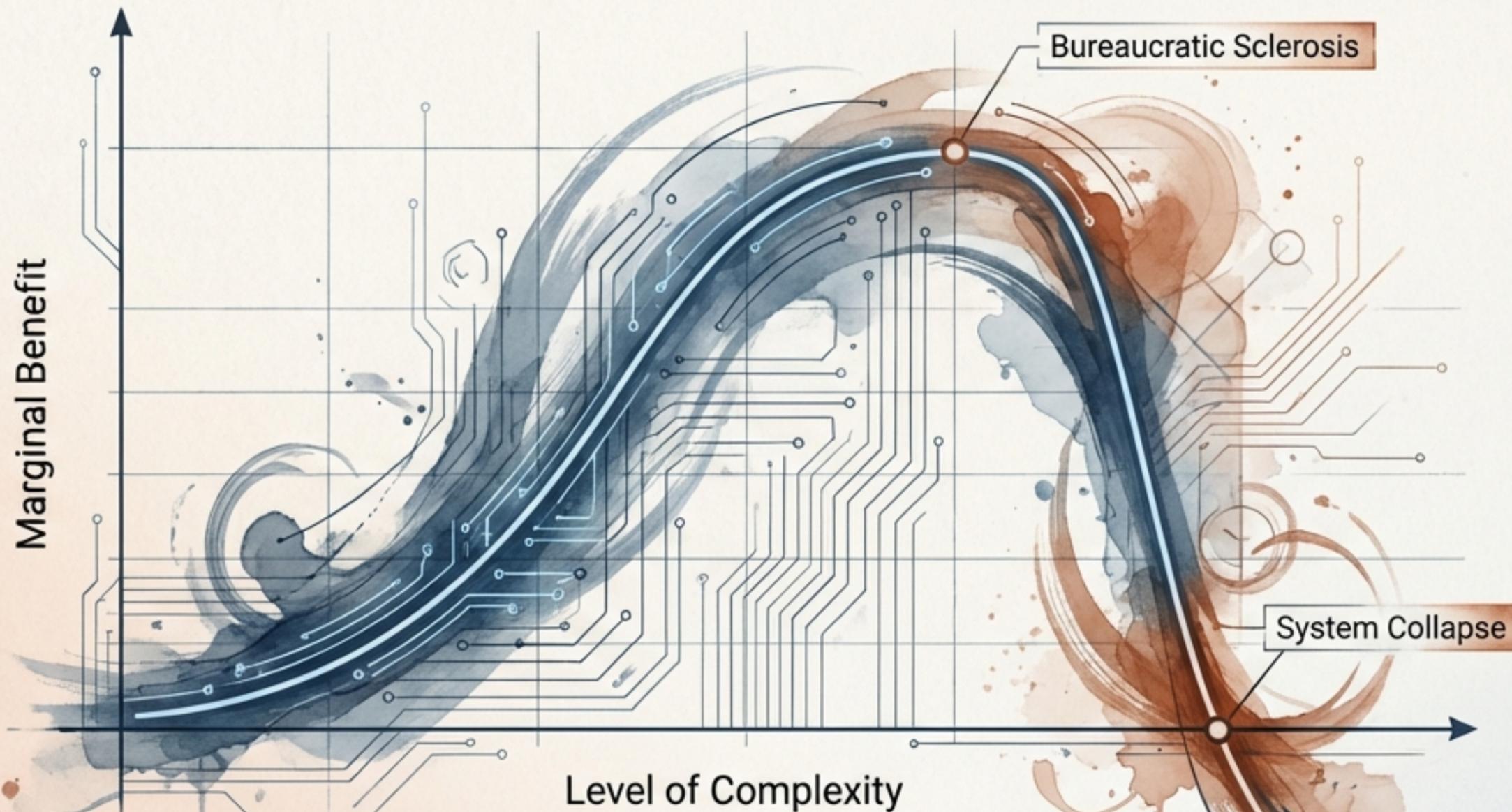


The Entropy Buffer. Agentic AI absorbs administrative chaos and logistics. Example: Google's Universal Commerce Protocol handles supply chain entropy.

Evidence: US universities hired 517,636 administrators (1987-2012) while educational output stagnated (Ginsberg).

Law VII: The Complexity Ceiling

When the cost of internal coherence exceeds external output.



****The Insight****

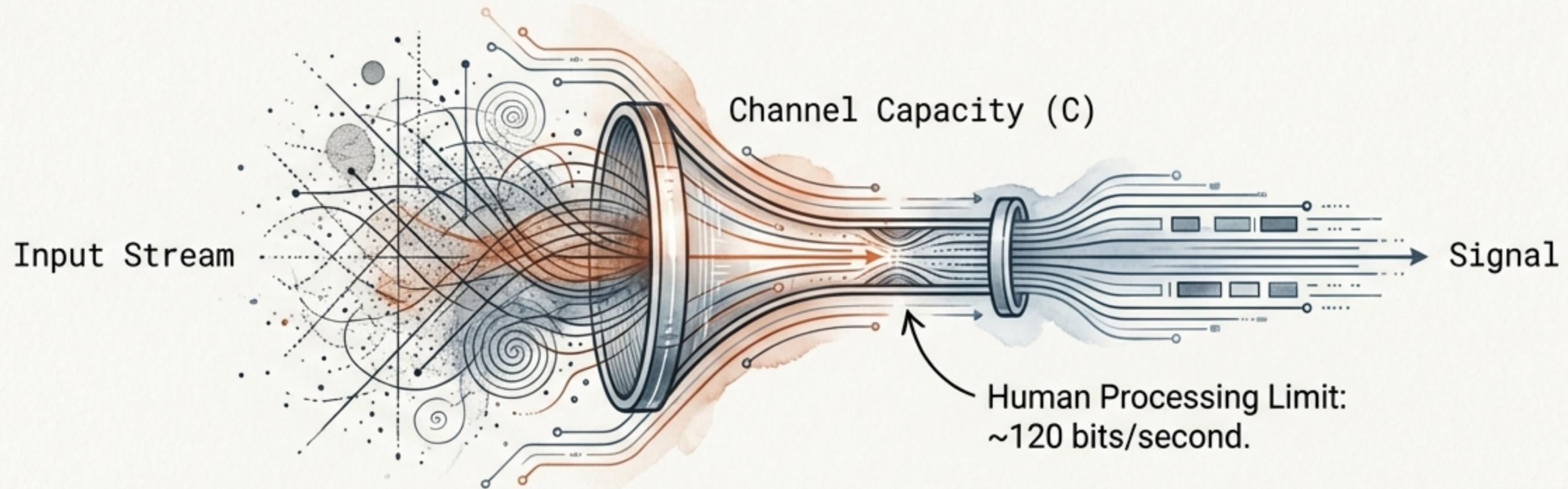
As systems add rules, the energy cost of maintaining the rules eventually consumes the energy meant for the system's purpose.

****The Fix****

- *AI*: Algorithmic refactoring and pruning of dead code.
- *Wisdom*: Simplicity is an efficiency strategy. Voluntary reduction of complexity.

Law II: The Channel Limit

You cannot force more signal through a finite channel.



The Physics

Shannon's Noisy Channel Coding Theorem proves maximum transmission rates are absolute. Two simultaneous conversations exceed human bandwidth.

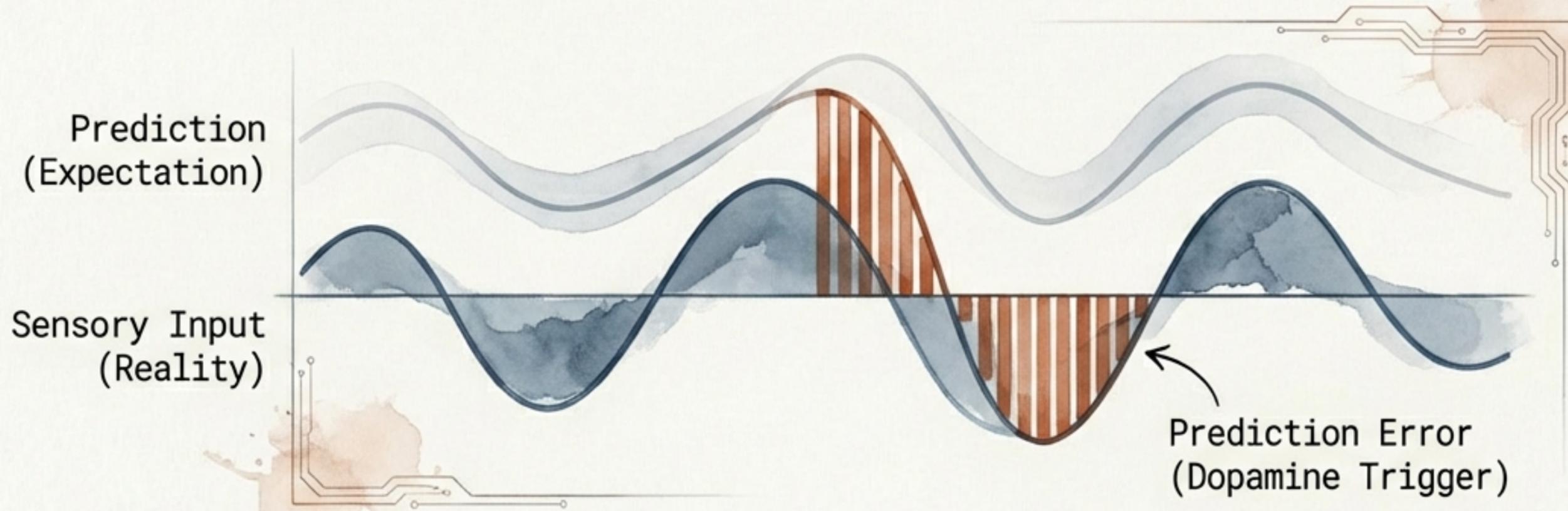
The Fix

Burnout is a physics violation, not a lack of grit.

- **AI Strategy:** Ambient AI acts as a pre-processing layer to compress noise.
- **Wisdom Strategy:** Mindfulness reduces 'Default Mode Network' activity, freeing up internal bandwidth.

Law IV: The Prediction Error Engine

We only learn when we are surprised.



The Science

Dopamine fires on prediction error, not reward.

Shannon Information: $I = -\log_2(p)$. Certainty carries zero information.

Friston's Free Energy Principle: We minimize surprise to survive, but seek it to grow.

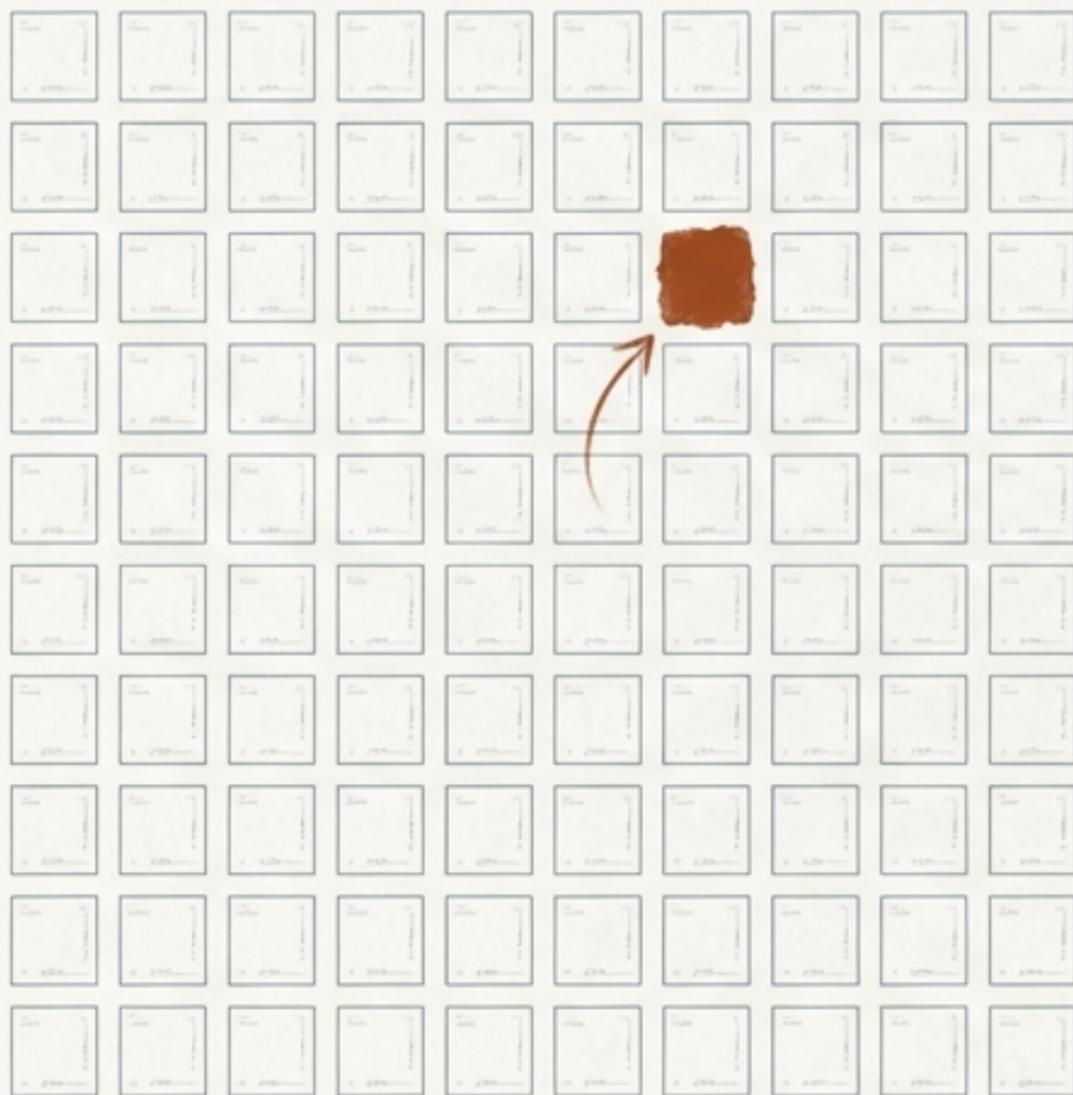
The Application

AI: Deep-thinking models identify the 'Zone of Proximal Development'—structured surprise without chaos.

- **Wisdom:** Discomfort is data. The brain learns only when its model is violated.

Law VIII: The Novelty Premium

Repetition is maintenance; Novelty is investment.



The Core Concept:

If your work can be described by someone who hasn't seen it, its information content is zero. Systems disproportionately reward non-redundant information.

The AI Pivot:

AI commoditises retrieval, formatting, and summarisation. Human Value shifts entirely to **Semantic Novelty**: expanding the moral and philosophical state space.

Metric: Language carries ~20 bits of semantic payload per clause.

Wisdom:

Valuing the generation of meaning over the recycling of facts.

Law III: The Compression Gradient

Predictability compresses time; Novelty expands it.

Routine (Timeline A)



High Predictability = Low Memory Density.

Mechanism:

The brain uses 'repetition suppression.'

Routine feels slow in the moment but fast in retrospect.

Novelty feels fast in the moment but lasts a lifetime in retrospect.

Novelty (Timeline B)



High Surprise = High Memory Density.

Strategy:

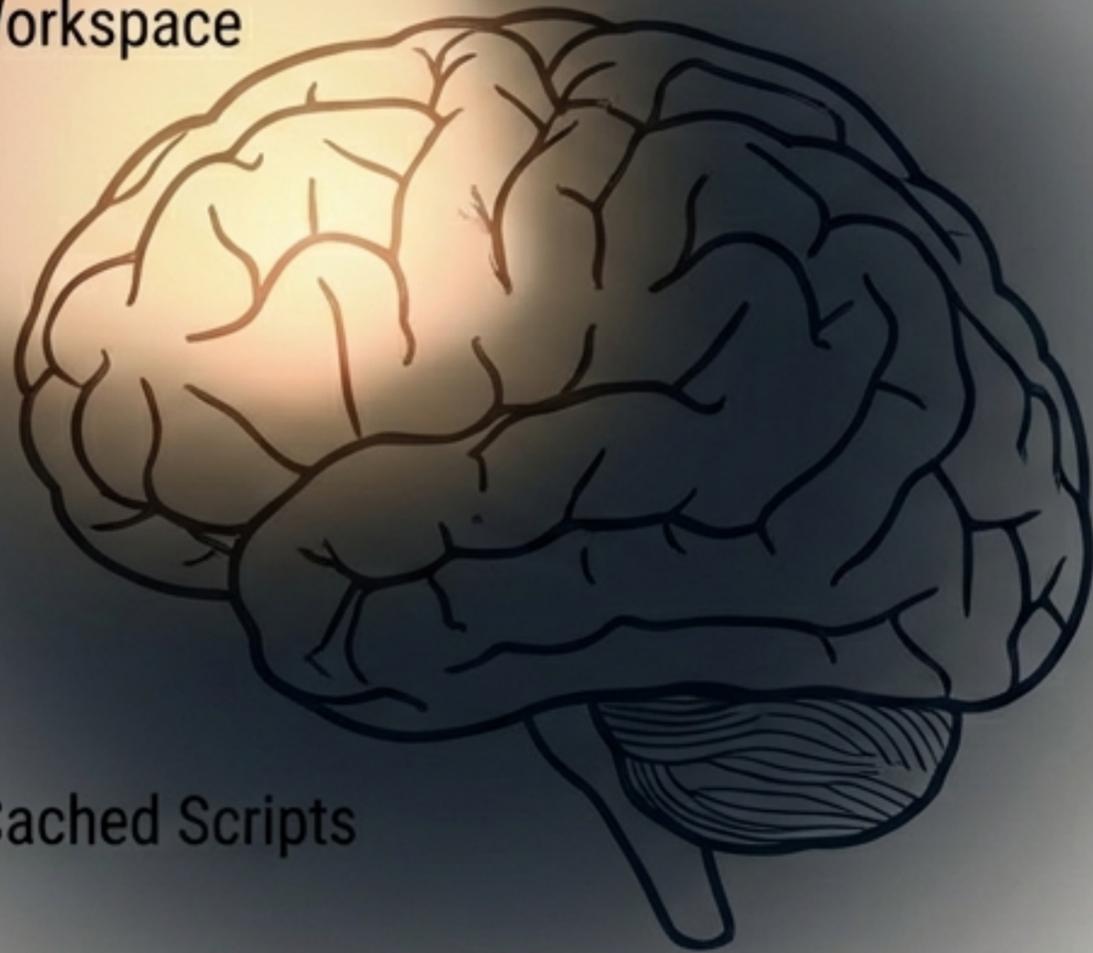
AI: Automate the predictable to liberate humans from 'compressed time.'

Wisdom: *Shoshin* (Beginner's Mind). Approaching routine with awareness extracts novelty, expanding subjective life span.

Law IX: The Conservation of Attention

Consciousness is a scarce resource, not a constant state.

Global Neuronal
Workspace



Cached Scripts

The Science:

Global Neuronal Workspace theory (Dehaene).

Conscious awareness is energetically expensive. We run on auto-pilot most of the time.

The Shift:

From 'Instruction-based' to 'Intent-based' computing.

Data Point: Telus team members save 40 minutes per AI interaction.

The Goal:

Reclaim attention for high-prediction-error tasks.

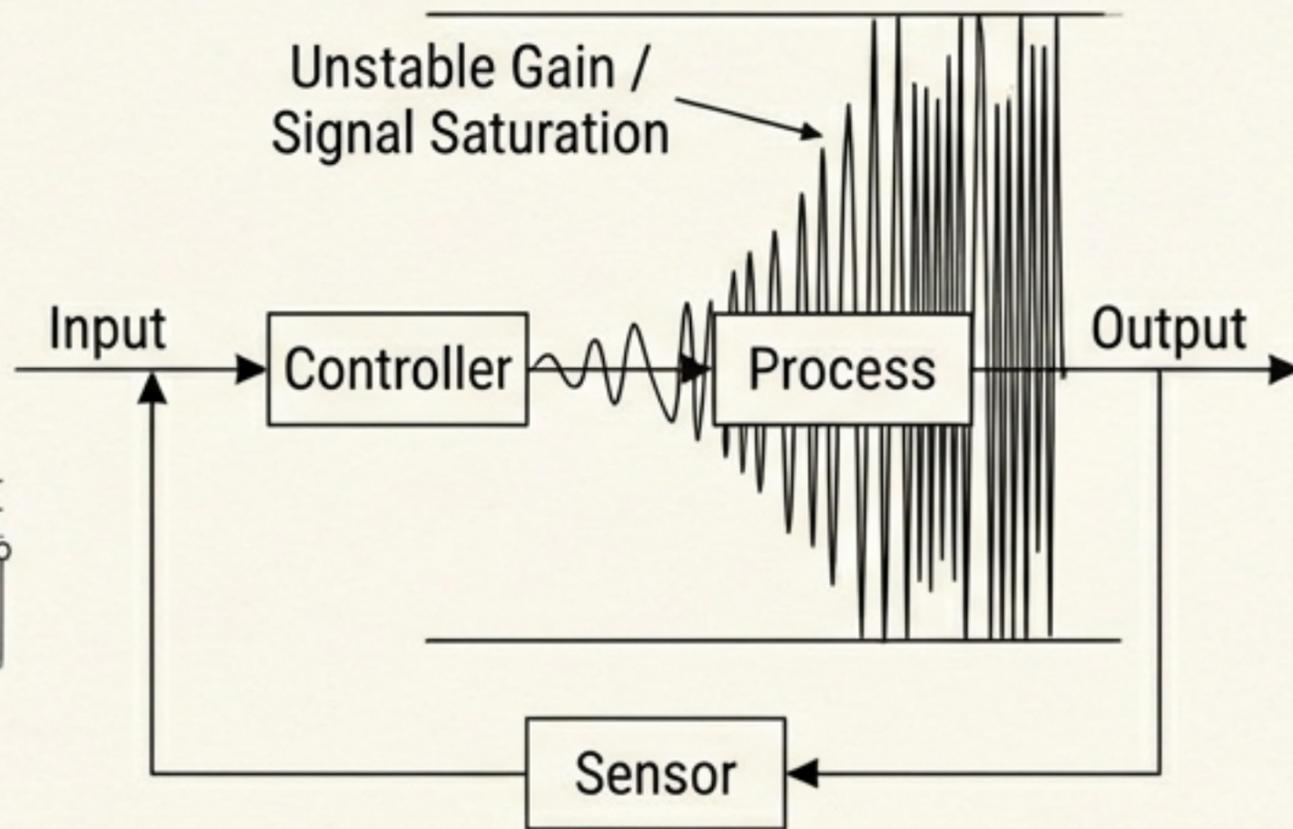
Wisdom: Meditation trains the brain to override cached scripts and remain 'online'.

Law VI: The Attachment Resonance

Desperate need for an outcome sabotages the outcome.

System Logic:

Feedback loops with excessive gain become unstable. Obsession saturates the channel with 'monitoring noise,' blocking environmental signals.

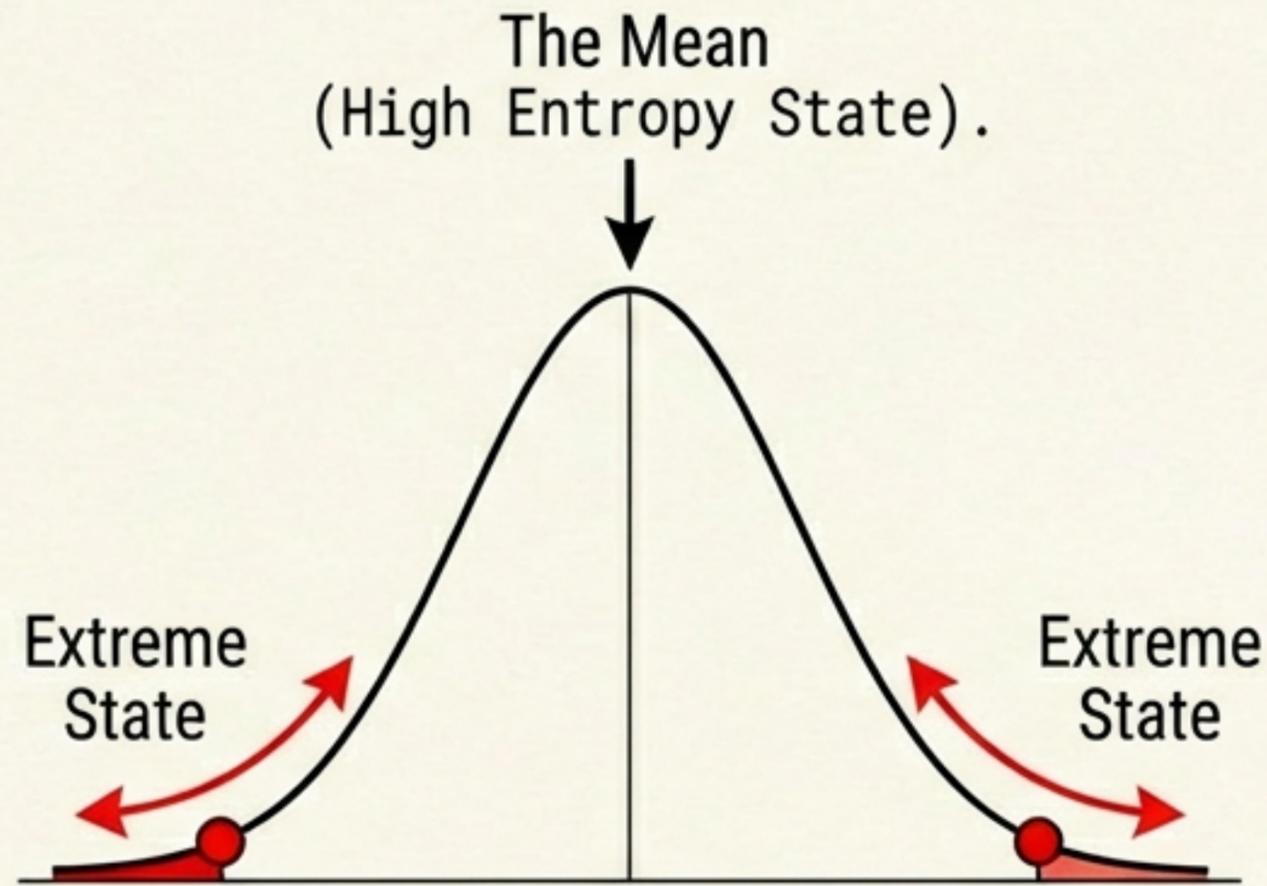


The Fix:

- **AI:** Avoid single-metric optimisation ('reward hacking'). Use multi-variable objective functions.
- **Wisdom:** *Upādāna* (Clinging) creates an informational bottleneck. Detachment optimises data flow.

Law X: The Regression Attractor

Extreme states always revert to the mean.



Concept: Extreme states (wealth, mood, health) are thermodynamically unstable.

Insight: Suffering comes from believing a peak is permanent or a trough is forever.

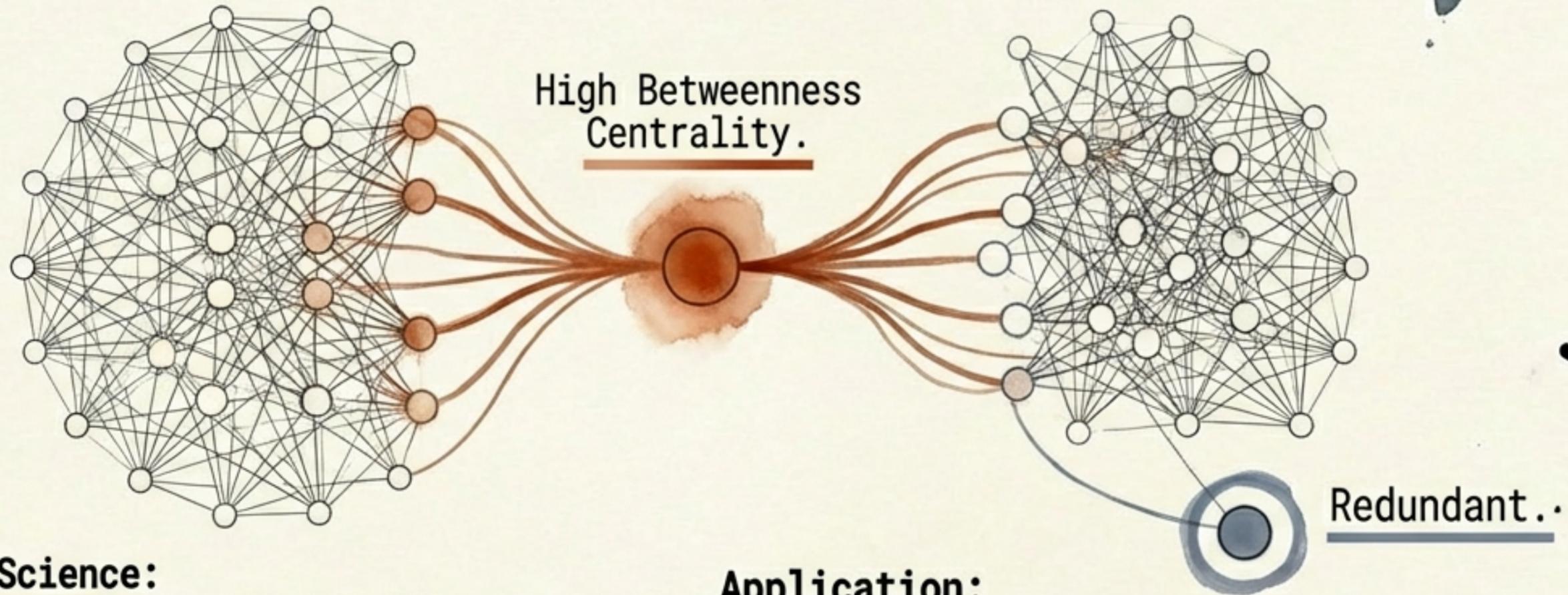
Strategy:

Invest energy in moving the *baseline*, not chasing the peak.

- **AI:** Counter-cyclical system design.
- **Wisdom:** *Upekkhā* (Equanimity) – dampening the amygdala response to oscillation.

Law V: The Dependency Topology

Value = How hard it is to route around you.



Network Science:

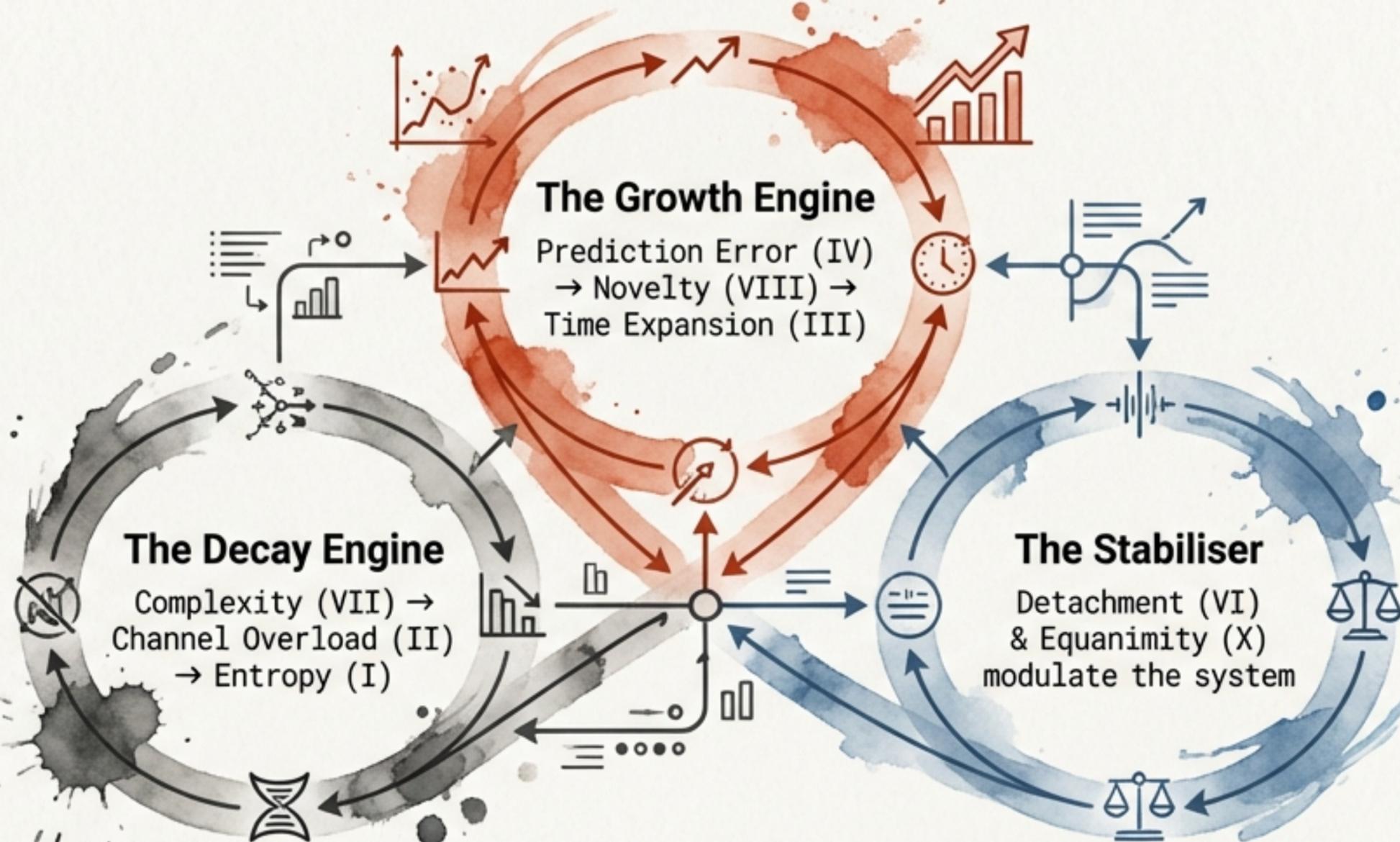
'Betweenness Centrality' is the fraction of shortest paths passing through a node.

Hoarding resources makes you a peripheral node (storage). Connecting nodes makes you indispensable (architecture).

Application:

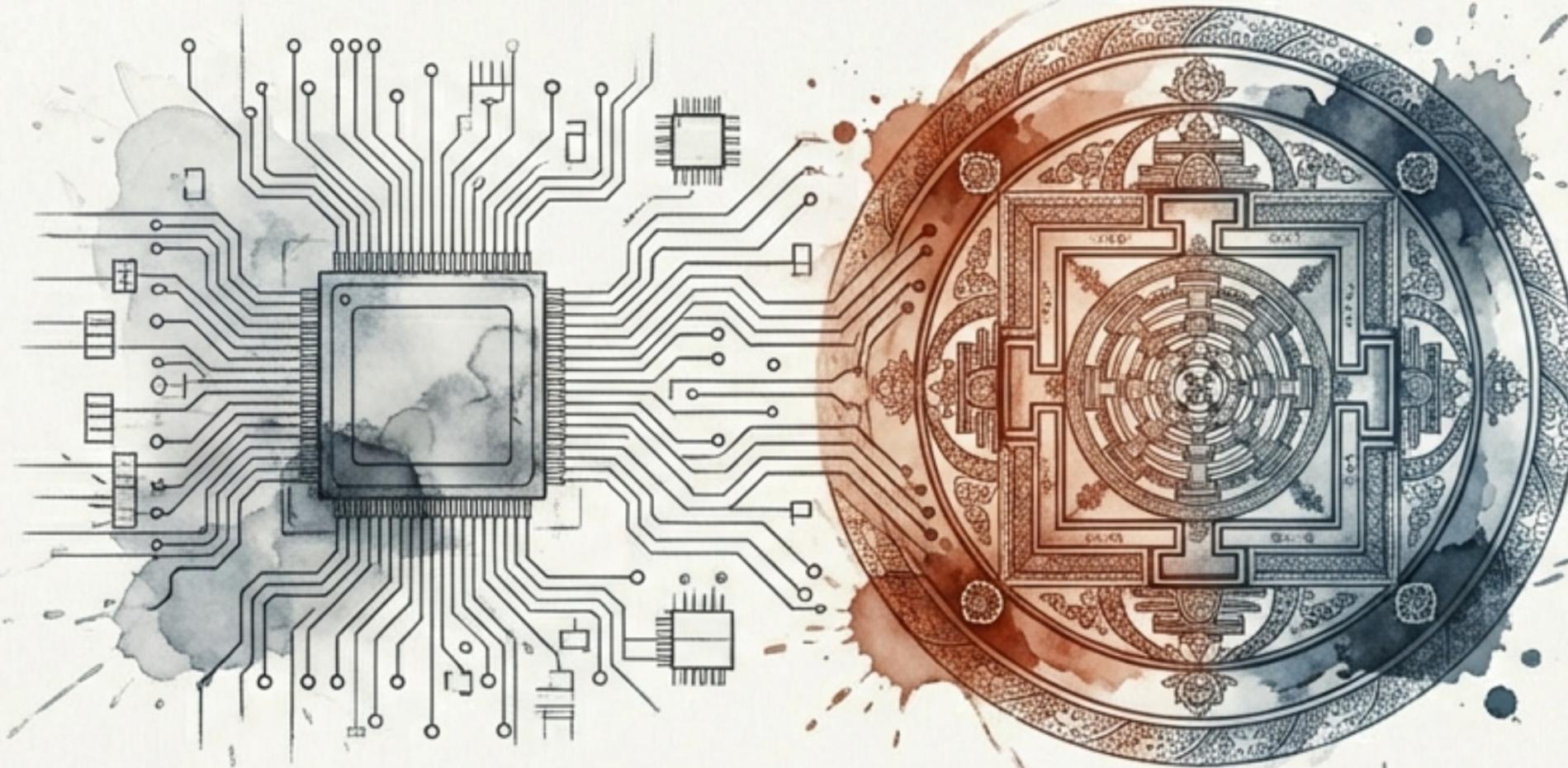
- **AI:** Protocols like Google's UCP create friction-free bridges.
- **Wisdom:** *Śūnyatā* (Emptiness) – identity is purely relational.

The Meta-Structure: How the Laws Interact



We must use the Growth Engine to generate value while using the Stabiliser to manage the inevitable Entropy Tax.

The Convergence: Where Fire Meets Wisdom



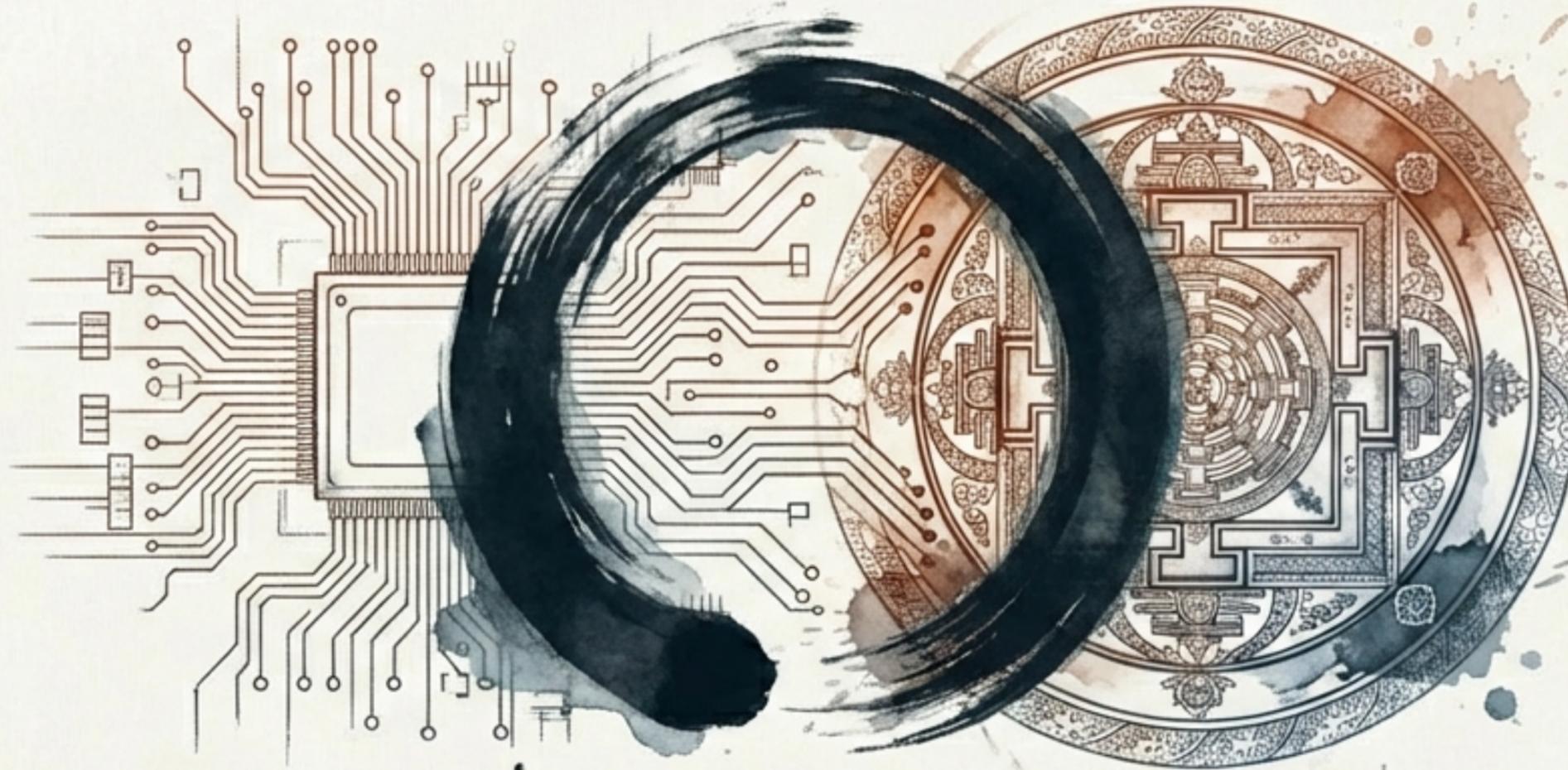
Context: The 39th Mind & Life Dialogue (Dharamsala, Oct 2025).

The Grand Synthesis:

- **AI** acts as the **External Entropy Buffer** (handling logistics/complexity).
- **Wisdom** acts as the **Internal Signal Optimiser** (handling attention/noise).

Result: They interlock perfectly. AI provides infrastructure;
Wisdom provides ethical telemetry.

From Enduring to Mastering



We cannot repeal the laws of thermodynamics or information theory.
We can only align with them.

Download the full working paper with 20 falsifiable
predictions and complete reference list.