Symbolic Mechanics

Technical Specification v0.1

Δ → S → L → R

A.N.Eidos — 2026

Symbolic Mechanics - P1 Overview (Whitepaper)

Symbolic Mechanics: Foundational Specification v0.1

A Formal Mechanical Framework of the Inner World

Author: A.N. Eidos — 2026

P1 — Overview

Symbolic Mechanics defines the inner world as a closed, deterministic system governed by a single perpetual engine. Every internal event—regardless of emotional tone, narrative content, or developmental history—follows the same invariant sequence:

Δ → S → L → R → Exit → New Δ

This is not a metaphor.

It is the literal mechanical algorithm of subjective processing:

- **Δ (Difference)** is the system's only readable input.
- Δ generates **S (Symbolic Object)**.
- S accumulates **L (Load)**.
- When L exceeds structural tolerance, **R (Rupture)** is forced.
- Rupture triggers an **Exit Pathway**.
- The outcome of the exit generates new Δ.

This loop is **deterministic、closed、不可跳過。**

The Foundational Assertions

1. **Δ** is the exclusive input format of the system.
2. **S** is automatically produced to contain Δ.
3. **L** accumulates monotonically within S according to fixed mechanical rules.
4. **R** is the forced structural failure once L surpasses threshold.

Following rupture, the system must discharge Load through one of the three Exit Pathways:

- **Violent Discharge**
- **Delayed Discharge**
- **Mourning / Absorptive Discharge**

Each produces new Δ → next cycle begins.

The Mechanical Substrate

Symbolic Mechanics is not a theory of meaning, personality, or intention. Those are surface phenomena.

This framework exposes the mechanical substrate underlying subjective experience: the deterministic engine that governs symbolic processing, rupture, and reconfiguration.

P1 establishes the engine.

P2 defines the mechanical units.

P3 outlines the two processors (Seat-Child & Self-Core).

P4 formalizes the perpetual cycle.

P5 derives the three emergent human configurations.

P6 maps future extensions.

Symbolic Mechanics - P2 Core Mechanical Units

Symbolic Mechanics: Foundational Specification v0.1

P2 — Core Mechanical Units: Δ, S, the Four Seats, L, and R

Symbolic Mechanics is built from five irreducible mechanical units.

Together, they define the only possible ways in which the inner system can operate.

1. Δ — Perceived Difference

Δ is the exclusive encoding format for all system input.

Nothing enters the system unless it is first registered as a Δ.

A Δ is not merely a discrepancy—it is any deviation, mismatch, interruption, or discontinuity detectable by the system. Once registered, a Δ must be processed. There is no "ignore" function.

Properties:

- Δ is atomic: the system cannot break it down further.
- Δ is compulsory: once perceived, it demands symbolic containment.
- Δ has no valence; the system does not classify it as good or bad.
- Δ is the sole trigger for generating S.

Without Δ, the system remains idle. With Δ, the engine begins.

2. S — Symbolic Object

Once Δ is perceived, the system must generate a Symbolic Object (S) to contain it.

S is a structural solution: a form the system builds to hold unresolved Δ.

Key attributes:

- S is generated automatically; no deliberation is involved.
- S is the container for L (Load).
- S defines where Δ is stored and how it will behave.
- S is the locus where eventual mechanical failure (R) will occur.

S is therefore both the system's necessary solution and its inevitable future failure point.

---

3. The Four Seats — Deterministic Contexts for Symbolic Processing

Every S must be placed into exactly one of four Seats.

Seats are mutually exclusive mechanical contexts, each defining a unique load-accumulation rule.

The system does not choose a Seat voluntarily;

the Seat assignment is determined by the dominant processor (SCd or SCr) at the moment S is created.

Seat 1 — The Primitive Seat

- Directly coupled to SCd
- Extremely rapid L accumulation
- Minimal buffering
- Rupture threshold reached quickly
- Highly associated with Violent Exit

Seat 2 — The Functional Seat

- Coupled to SCr
- Linear, fatigue-based L accumulation
- Higher stability than Seat 1
- Rupture tends toward Delayed or Mourning Exit

Seat 3 — The Relational Seat

- Load curve is non-monotonic, shaped by external feedback
- Sensitive to others' actions
- High oscillation
- Tends toward Delayed Exit

Seat 4 — The Phantom Seat

- Applies a time-delay operator
- Temporarily suspends rupture
- Ensures larger future rupture magnitude
- Often misinterpreted by the individual as "coping"

Seat placement defines the mechanical destiny of S.

---

4. L — Load

L is the unresolved portion of Δ stored within S.

It represents the energetic cost of containing Δ.

Rules governing L:

- L is monotonic non-decreasing within a symbolic cycle.
- L cannot discharge without R.
- L accumulates according to Seat-specific load functions.
- L defines when rupture will occur.

Different Seats → different L curves → different rupture timings.

---

5. R — Rupture

R occurs when L exceeds the structural capacity of S.

It is a value-neutral threshold crossing in the system's state-space.

Properties:

- R is not a failure but a forced transition.
- R is the only trigger for an Exit pathway.

- The type of Exit depends on Seat placement and the distribution of L at the moment of rupture.

R marks the termination of one cycle and the beginning of the next.

Summary of P2

These five units—Δ, S, the Four Seats, L, and R—form the mechanical alphabet of the inner system.

All complexity in psychological life emerges from the deterministic interactions governed by the loop:

Δ → S → L → R → Exit → New Δ

🔄

Symbolic Mechanics - P3 Dual Processing Modules

Symbolic Mechanics: Foundational Specification v0.1

P3 — The Dual Processing Modules: SCd and SCr

The symbolic system operates through two mutually exclusive processing modules:

- **SCd** — Seat-Child
- **SCr** — Self-Core

They do not collaborate.

They compete for Δ.

Whichever module activates first handles the entire symbolic cycle.

This architecture is not psychological;

it is a mechanical requirement for deterministic computation.

1. A Dual-Module Processing Architecture

The inner system is driven by two modular, mutually exclusive processing pathways.

Each module has its own activation rules, processing style, and Seat-assignment bias.

A Δ can be processed by either module,

but never both simultaneously.

Their rivalry ensures:

- deterministic routing

- stability of load functions
- avoidance of contradictory symbolic states

---

2. SCd — The Primitive Module (Seat-Child)

SCd is the low-latency, pattern-matching module.

It operates on raw sensory and affective data streams.

Characteristics:

- activates extremely fast
- uses pre-conceptual heuristics
- sensitive to survival-relevant Δ
- assigns S preferentially to Seat 1 or Seat 3
- produces steep L-accumulation curves
- rupture is reached quickly when SCd dominates

SCd defines the reactive symbolic pathway.

---

3. SCr — The Structured Module (Self-Core)

SCr is the serial, rule-based module.

It operates on discretized, categorized information packets.

Characteristics:

- activates more slowly
- uses structured operations
- imposes order and functional framing
- assigns S preferentially to Seat 2 or Seat 4
- produces stable or delayed load curves
- rupture is slower but often larger in magnitude

SCr defines the deliberative symbolic pathway.

---

4. Why the Modules Never Share Perception

Module exclusivity is not an observation;

it is a precondition for system stability.

Simultaneous processing would create:

1. **Contradictory Seat assignments**

   A single S cannot occupy two Seats at once.

2. **Contradictory L-accumulation rules**

   Each Seat has its own load function; dual assignment would violate determinism and produce a state paradox.

3. **Contradictory rupture timings**

   Rupture cannot have two thresholds simultaneously.

Therefore:

Only one module may handle any given Δ.

Exclusivity is mechanically required.

---

5. Processor Sensitivity (κ)

Each module has a sensitivity coefficient κ, which governs:

- activation threshold
- processing speed
- seat-selection bias

For any Δ, the module with the higher effective κ (adjusted for Δ-type) wins processing dominance.

This creates predictable symbolic routing patterns:

- high-κ SCd → impulsive symbolic cycles
- high-κ SCr → stabilized, delayed symbolic cycles

κ thus determines which symbolic world an individual tends to inhabit.

---

6. How Tension Emerges

Tension (T) is the system's measure of how close S is to rupture.

Formally, T can be defined as:

- **T(t) = dL/dt**

(rate of load accumulation)

or

- **$T(t) \propto L(t) / R_{(Seat)}$**

  (relative distance to rupture threshold)

T is therefore a mechanical gradient,

not an emotion.

---

7. The Modules in the Full Cycle

Across the full engine:

Δ → S → L → R → Exit → New Δ

- **SCd** shapes the cycle's intensity, speed, and volatility.
- **SCr** shapes the cycle's structure, delay, and long-range consequences.

The apparent complexity of psychological life arises from the recursive, deterministic routing of Δ through:

SCd/SCr → Seat → L → R → Exit

No teleology.

No central intelligence.

Only mechanics.

⚡

Symbolic Mechanics - P4 The Perpetual Engine

Symbolic Mechanics: Foundational Specification v0.1

P4 — The Perpetual Engine: Δ → S → L → R → Exit → Δ

The inner world is governed by a single perpetual engine whose operation is invariant across all psychological content.

Every subjective event, regardless of context, is forced through the same deterministic sequence:

Δ → S → L → R → Exit → New Δ

This is not a metaphor for development.

It is the literal algorithm of symbolic processing.

1. The Full Mechanical Pathway

The sequence unfolds as follows:

1. **Δ (Perceived Difference)**

   The system registers an input exclusively as Δ.

2. **S (Symbolic Object)**

   A container is generated to hold the unresolved Δ.

3. **Seat Assignment**

   S is placed into one of the Four Seats, determining the load function.

4. **L (Load Accumulation)**

   L increases monotonically according to the Seat-specific rule.

5. **R (Rupture)**

Structural failure occurs once L exceeds the capacity of S.

6. **Exit Pathway**

   The system discharges L through one of three deterministic exits.

7. **New Δ**

   The exit produces Δ-fragments or Δ-residues, feeding the next cycle.

This loop does not require meaning, intention, awareness, or narrative participation.

It runs automatically.

---

2. The Three Exit Pathways

R is the only trigger for exit.

Once rupture occurs, the system must discharge L through one of three mechanically defined pathways:

---

1) Violent Discharge

An instantaneous, high-magnitude release of L.

Mechanically resembles a step-function drop in the load curve.

Characteristics:

- damages or destroys the Symbolic Object (S)
- scatters high-intensity Δ-fragments
- guarantees a new cycle with elevated initial Δ
- extremely costly and often recursive

---

2) Delayed Discharge

A time-shifted, partial redistribution of L.

Often transfers unresolved load onto:

- external others
- future versions of the self
- parallel symbolic objects

Mechanically, it resembles a convolution of L with a delay-and-attenuation kernel.

Characteristics:

- avoids immediate rupture consequences
- preserves S but weakens structural integrity
- leaves Δ-residues that seed future cycles
- appears stable but ensures recurrence

---

3) Mourning / Absorptive Discharge

The only pathway that achieves L → 0.

This exit deconstructs S itself through a computational reversal:

- SCr traces the history of Δ formation
- symbolic structure dissolves
- S becomes inert historical data
- all bound L dissipates
- the next Δ emerges with near-zero inherited load

This is not forgetting;

it is structural dissolution.

---

3. The Life Cycle of the System

Across development, the system continually recycles through:

1. Δ generation
2. symbolic containment
3. load accumulation
4. rupture
5. discharge
6. new Δ emergence

This recursive process is the phenomenology of internal life.

Nothing occurs outside this engine.

---

4. Why the System Cannot Escape the Loop

There are four mechanical reasons:

1. **Perception forces Δ**

   No input bypasses Δ-encoding.

2. **Δ forces S**

   Δ cannot exist uncontained.

3. **S forces L**

   Containment necessarily carries unresolved tension.

4. **L forces R and Exit**

   Load cannot decrease without rupture.

Together, these four points constitute a proof of perpetual motion:

Perception (1) forces Encoding (2),

Encoding forces Accumulation (3),

Accumulation forces Discharge (4),

Discharge produces new Perception.

Q.E.D.

---

5. How Complexity Emerges From a Simple Loop

Although the engine is simple, complexity arises from:

- κ differences between SCd and SCr
- Seat-selection tendencies
- L-accumulation curvature
- exit-path probabilities
- Δ-fragment recombination
- developmental history
- environmental coupling
- recursive amplification across cycles

Thus, the vast taxonomy of human psychology—defense mechanisms, personality disorders, relational patterns—can be understood as stable attractors or frequent trajectories of this single mechanical system.

No additional primitives are required.

🔺

Symbolic Mechanics - P5 The Three Human Configurations

Symbolic Mechanics: Foundational Specification v0.1

P5 — The Three Human Configurations

Given a fixed mechanical engine (Δ → S → L → R → Exit → Δ), individual differences arise from stable variations in:

- module sensitivity ($\kappa(SCd)$ vs. $\kappa(SCr)$),
- Seat-selection tendencies,
- load-accumulation curvature,
- rupture thresholds,
- exit-path probabilities.

Across cycles, these parameters yield three attractor configurations—recurring, self-stabilizing patterns of symbolic processing.

1. Type I — Low-Resistance Configuration

This configuration is defined by:

- high $\kappa(SCr)$,
- strong bias toward Seat 2 (Functional Seat),
- frequent access to Mourning Exit,
- stable and predictable L-accumulation curves.

Characteristics:

- S forms with structural clarity

- L increases in a controlled, linear fashion
- rupture occurs only under extreme Δ
- symbolic cycles complete cleanly
- residue from Δ is minimal
- system returns to baseline efficiently

Functional outcome:

- high symbolic turnover
- low recurrence of unresolved patterns
- strong capacity for structural dissolution ($L \to 0$)

This configuration appears "resilient,"

but it is simply low mechanical resistance to symbolic change.

---

2. Type II — High-Load Configuration

This configuration is defined by:

- high $\kappa(SCd)$,
- strong bias toward Seat 1 and Seat 3,
- steep or oscillatory L curves,
- early and frequent rupture.

Characteristics:

- Δ is rapidly converted into primitive or relational symbolic forms
- L accumulates explosively or erratically
- rupture thresholds are reached quickly
- Violent Exit and Delayed Exit dominate
- large quantities of Δ-fragments re-enter the system
- cycles amplify recursively

Functional outcome:

- chronic symbolic congestion
- increasing symbolic weight across cycles

- difficulty accessing Mourning Exit
- expansion of phantom Seats (Seat 4) under stress

This configuration appears "traumatized,"

but mechanically it is simply high load with low containment stability.

---

3. Type III — Intermediate-Modulation Configuration

This configuration lies between Type I and Type II.

Defined by:

- balanced κ values,
- mixed Seat utilization,
- alternating SCd/SCr dominance,
- moderate rupture frequency.

Characteristics:

- some cycles stabilize, others destabilize
- L-curves vary between linear, steep, and oscillatory
- all three exit pathways appear across time
- symbolic residues accumulate but do not always escalate

Functional outcome:

- partially stable symbolic life
- partially recursive symbolic life
- adaptability under moderate strain
- vulnerability under extreme Δ

This configuration is the most common and the most variable.

Summary of the Three Types

These three attractors are not personalities, traits, or diagnoses.

They are mechanical outcomes of:

- κ-competition between SCd and SCr
- deterministic Seat assignment

- the mathematics of L accumulation
- rupture-trigger probabilities
- recursive Δ propagation

They describe how an individual moves through the engine,

not who the individual "is."

Symbolic Mechanics - P6 Expansion Pathways

Symbolic Mechanics: Foundational Specification v0.1

P6 — Expansion Pathways

Symbolic Mechanics v0.1 defines the foundational units and operations of the inner system.

Although the engine is fully specified at the individual level, the same mechanical principles extend naturally to larger symbolic structures.

Future versions of the framework will formalize these extensions.

---

1. Relational Symbolic Mechanics

When two symbolic systems interact, their Δ-streams couple.

This creates:

- shared symbolic objects,
- cross-projected load distributions,
- synchronized or desynchronized rupture cycles,
- emergent Δ patterns generated by interpersonal feedback.

A relational model will formalize how two engines recursively shape each other's Seat distributions and Exit probabilities.

---

2. Familial and Multi-System Dynamics

Within family systems, symbolic cycles become:

- multi-layered,

- multi-generational,
- recursively inherited.

Future work will formalize:

- intergenerational Δ transmission,
- multi-node load networks,
- distributed rupture cascades,
- symbolic saturation thresholds across family units.

This extension establishes the mechanical basis for "family patterns" without psychological metaphor.

---

3. Collective and Cultural Symbolic Structures

As symbolic systems scale, Δ becomes:

- distributed,
- institutionalized,
- ritualized.

Societies develop:

- collective symbolic objects,
- collective load-bearing structures,
- rupture events with population-level consequences.

A future model will specify how symbolic weight accumulates in groups and how collective exits generate new Δ at civilizational scale.

---

4. Therapeutic Interaction With the System

Symbolic Mechanics does not propose interventions in v0.1,

but future versions will formalize:

- how SCr can alter Seat assignment probability,
- how rupture timing can be modulated,
- how symbolic residues can be converted into inert data,
- the precise mechanical conditions for access to Mourning Exit.

The aim is not to provide advice,

but to define the mechanical levers through which symbolic change becomes possible.

---

5. Toward Version 0.2 and 1.0

v0.2 will incorporate:

- formal mathematical operators for Seat routing,
- load functions expressed explicitly,
- rupture-threshold equations,
- probabilistic models of exit-selection.

v1.0 will extend the system to:

- relational, familial, collective mechanics,
- full computational modeling,
- predictive simulations,
- potential algorithmic implementations.

Closing Statement

The engine defined in v0.1 is complete at the individual level.

All further elaborations—relational, cultural, therapeutic, civilizational—are extensions, not revisions.

The core loop will remain unchanged:

Δ → S → L → R → Exit → Δ

This is the mechanical substrate of symbolic life.

📖

Symbolic Mechanics - Glossary of Core Terms

Symbolic Mechanics: Foundational Specification v0.1

Glossary of Core Terms (v0.1)

Δ — Perceived Difference

The exclusive encoding format for all input to the system.

A Δ is any detected mismatch, discontinuity, or deviation.

Processing cannot begin without Δ, and Δ cannot be refused.

S — Symbolic Object

The structural container generated automatically to hold Δ.

It stores unresolved tension (L) and becomes the future rupture site (R).

The Four Seats

Mutually exclusive mechanical contexts where S may be placed.

Each Seat defines a distinct load-accumulation rule.

- **Seat 1 — Primitive Seat**

  Coupled with SCd; rapid L accumulation; low buffer; violent exits.

- **Seat 2 — Functional Seat**

  Coupled with SCr; linear L accumulation; stable containment; mourning accessible.

- **Seat 3 — Relational Seat**

Load curve determined by external feedback; oscillatory; delayed exits.

- **Seat 4 — Phantom Seat**

  Time-delay operator; temporarily suspends rupture; ensures greater future magnitude.

L — Load

The unresolved energetic remainder of Δ stored within S.

L is monotonic non-decreasing within a symbolic cycle and defines when rupture will occur.

R — Rupture

A value-neutral structural threshold crossing where L exceeds the capacity of S.

R is the sole trigger for exit pathways.

Exit Pathways

Mechanically required modes of discharging load after rupture.

- **Violent Discharge**

  Instantaneous high-magnitude release; destroys or damages S; generates Δ-fragments.

- **Delayed Discharge**

  Time-shifted redistribution; transfers L onto others, future states, or parallel objects; leaves residues.

- **Mourning / Absorptive Discharge**

  Structural dissolution of S; computational reversal; produces L → 0.

SCd — Seat-Child Module

The low-latency, pattern-matching processor operating on raw sensory and affective data.

Bias toward Seat 1 and Seat 3.

SCr — Self-Core Module

The serial, rule-based processor operating on discretized information.

Bias toward Seat 2 and Seat 4.

κ — Sensitivity Coefficient

A module-specific parameter determining activation threshold and processing speed.

The module with higher effective κ for a given Δ wins processing dominance.

T — Tension

A mechanical measure of proximity to rupture.

Defined either as:

- **dL/dt** (rate of load accumulation), or
- **L / R₍Seat₎** (normalized distance to rupture threshold).

Symbolic Cycle

One complete iteration of the loop:

Δ → S → L → R → Exit → Δ
