



DESIGN BY AUTHENTICITY — 2026

# Structure. *Experience.* Dynamic systems.

Experiments, tools and frameworks at the intersection of human systems, technology, recovery and lived experience.

I·V·O

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Design by Authenticity is an evolving research atelier exploring the intersection of:

*Human systems · Technology · Recovery · Dynamic environments ·  
Visual experimentation · Lived experience*

This brochure is a selection of ongoing experiments, concepts, visual systems and tools developed around one central question:

*What is the minimal structure required before something can function at all?*

Some projects are prototypes. Some are research directions. Some are invitations for collaboration.

Together they form an ecosystem of ideas centered around the I·V·O framework: a minimal structural lens for observing movement, interaction and context across scales.

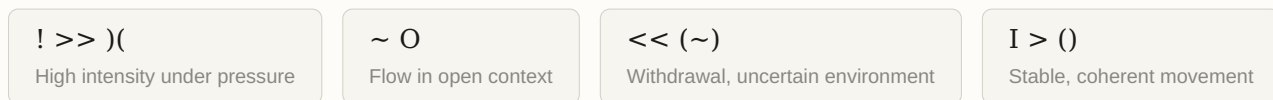
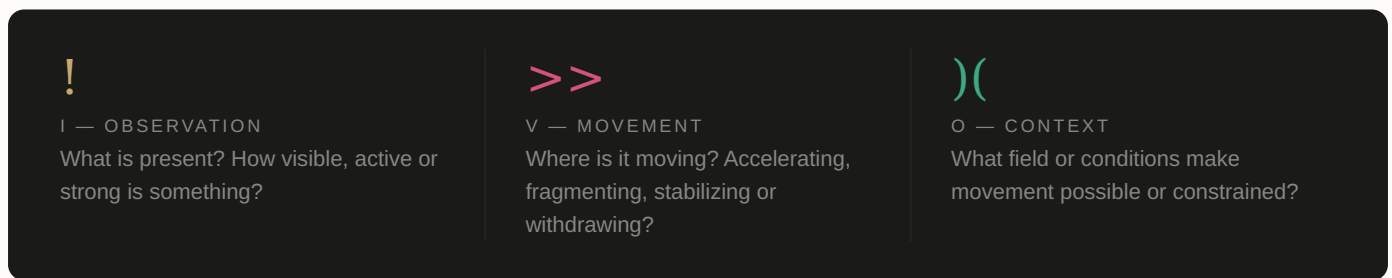
*Not a portfolio. Not a manifesto.  
An evolving field of experiments.*

# I·V·O Framework

Design by Authenticity is an evolving research atelier: a place where theory, visual experimentation, lived experience, systems thinking and design meet. What began as observations from practice in mental healthcare, recovery work, theatre technology, sailing and complex systems gradually evolved into a broader question:

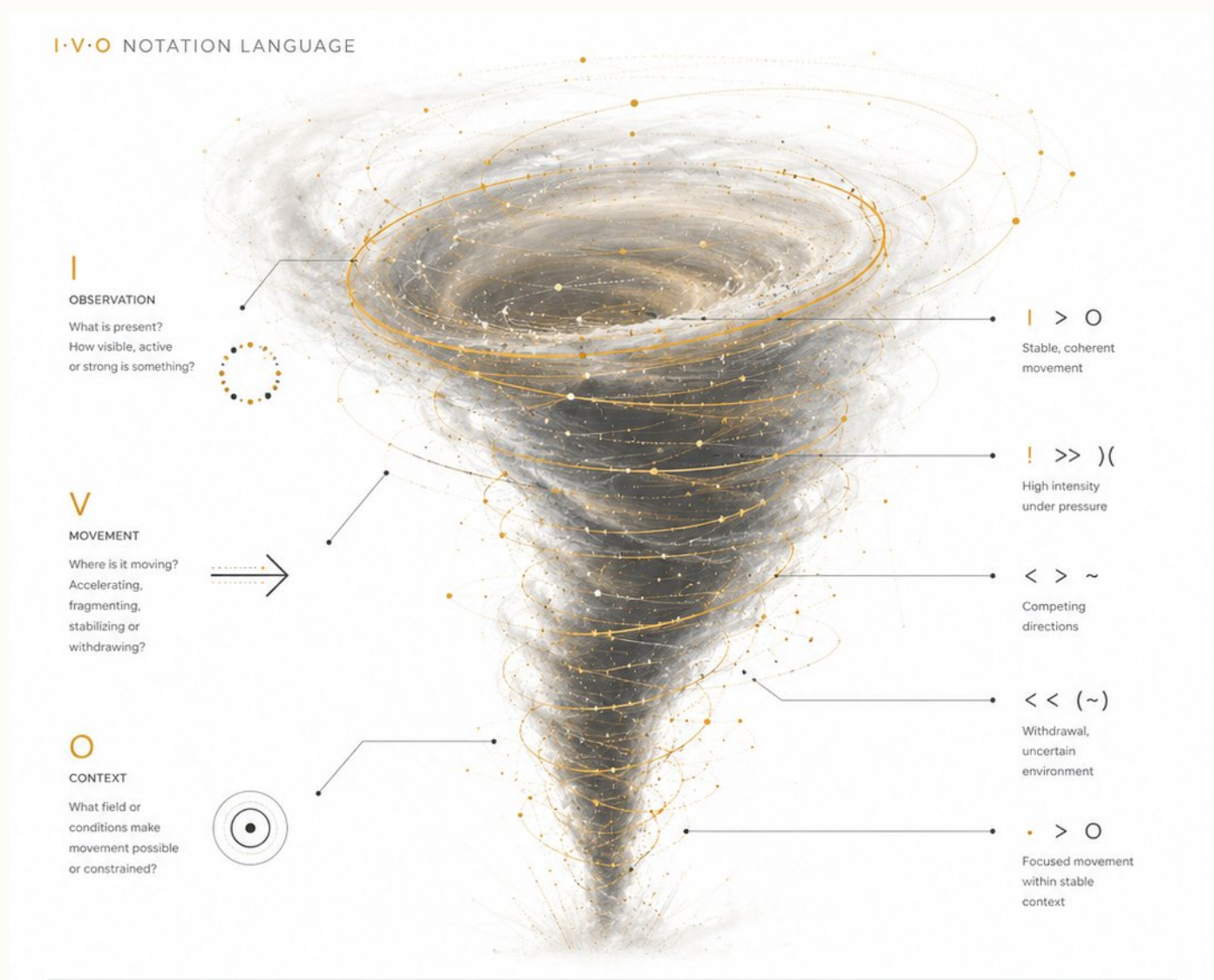
*What is the minimal structure required before something can function at all?*

The I·V·O Framework proposes a minimal architecture. Rather than functioning as a diagnosis, ideology or belief system, IVO acts as a structural lens applicable across any domain where observation, movement and context interact.



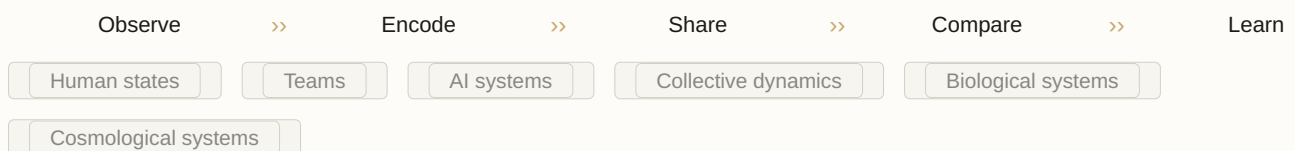
Applied domains include human systems, recovery environments, AI alignment, organizational dynamics, collective behavior, complex environments and cosmological systems. The same minimal structure generates coherence at every scale.

# A structural language for *states, movement and context*



## TOWARDS AN OPEN STRUCTURAL PROTOCOL

A notation becomes useful when multiple observers can use it consistently across domains. The long-term goal is not a fixed vocabulary, but an evolving structural protocol:



# Human State Logger

Human beings often know how they feel, but lack a structural language to describe patterns over time. The Human State Logger explores whether symbolic structures can provide an alternative to diagnostic labels.

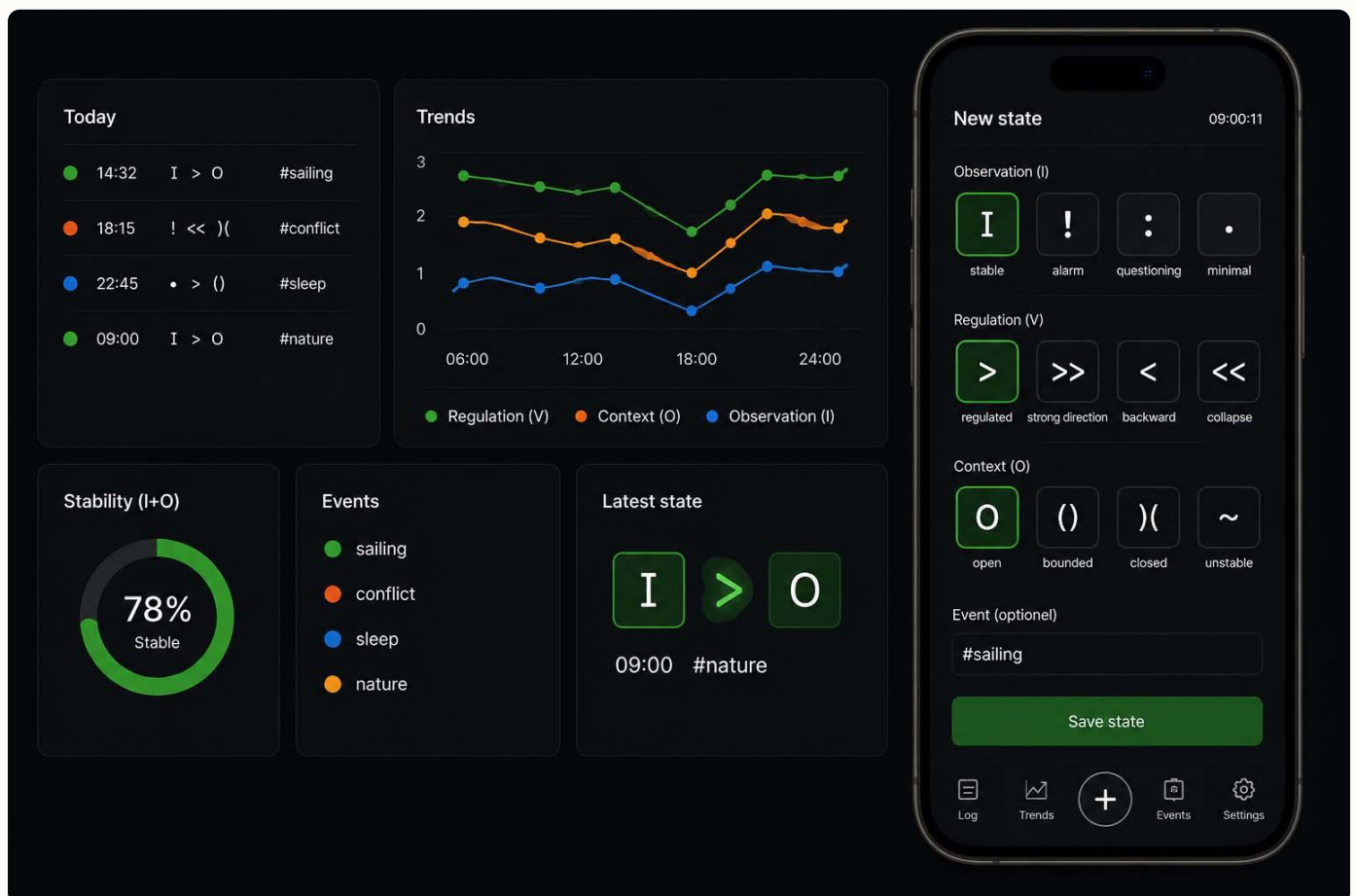
*Instead of asking: what diagnosis applies?*

*It asks: what is happening now?*

The logger allows patterns over time to emerge without judgment. Single observations matter less than the sequences they form. Over weeks and months, recurring states, recovery rhythms and pressure accumulation become visible — without pathologizing the person observing.

Each log entry combines three symbolic selections — Observation (I), Regulation (V) and Context (O) — into a compact notation state. Optional event tags link states to circumstances.

<p><b>I &gt; O</b></p> <p>Stable, open, coherent</p>	<p><b>! &lt;&lt; ) (</b></p> <p>Alarm, collapse, pressure</p>	<p><b>· ~ ( )</b></p> <p>Low, fluctuating, safe</p>
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Dashboard view — today's log, trend visualization across I, V and O dimensions, event markers and stability score.

# The Body Compass

*Feel sooner. Choose sooner.*

Many people notice that their body responds to tension or triggers before their consciousness does. Heart rate changes, breathing accelerates — often before someone understands what is happening.

The Body Compass is a small, portable device that measures body signals and provides subtle feedback when the nervous system becomes activated. No warnings, no alarms — but a gentle breathing rhythm, a calm vibration, a pulsating light that invites regulation.

*The goal is not diagnosis.*

*The goal is: feel sooner, be able to choose sooner.*

HRV

Breathing

GSR

Activity



The Body Compass — wearable biofeedback device with I·V·O symbolic state suggestion. Concept stage, seeking research partners.

In development in collaboration with GGZ Delfland · Research partnership sought with TU Delft

# OBSERVER COLLAPSE INSTALLATION

OBSERVATION CHANGES THE SYSTEM.



# I

## OBSERVATION

The system reacts to attention and presence.

As long as no one looks, the system moves slowly and diffuse.

Patterns emerge and fade without direction.

When someone approaches and looks, the "observed" pattern – the fundamental pattern – changes.

Observation is not passive. You are the center.



**AWARENESS**  
activates the system



**CHANGE**  
patterns shift



**COLLAPSE**  
order emerges



**PART OF THE FIELD**  
you make a difference

## HOW IT WORKS



Without observation  
diffuse and random



Observer approaches  
the field is influenced



Pattern transforms  
when observed

## EXPERIENCE IN PHASES



**1. CALM**  
The system moves slowly  
and without direction.



**2. PRESENCE**  
The observer enters  
the field.



**3. INFLUENCE**  
The system reacts  
to presence.



**4. COLLAPSE**  
Patterns organize  
and transform.



**5. AFTER EFFECT**  
The field seeks  
a new balance.

## APPLICATIONS



EXHIBITIONS



SCIENCE MUSEUMS



EDUCATION



FESTIVALS



RESEARCH

## STATUS

CONCEPT  
SEEKING PARTNERS  
AND LOCATIONS

Interested in collaborating  
on this installation?  
[info@design-by-authenticity.org](mailto:info@design-by-authenticity.org)

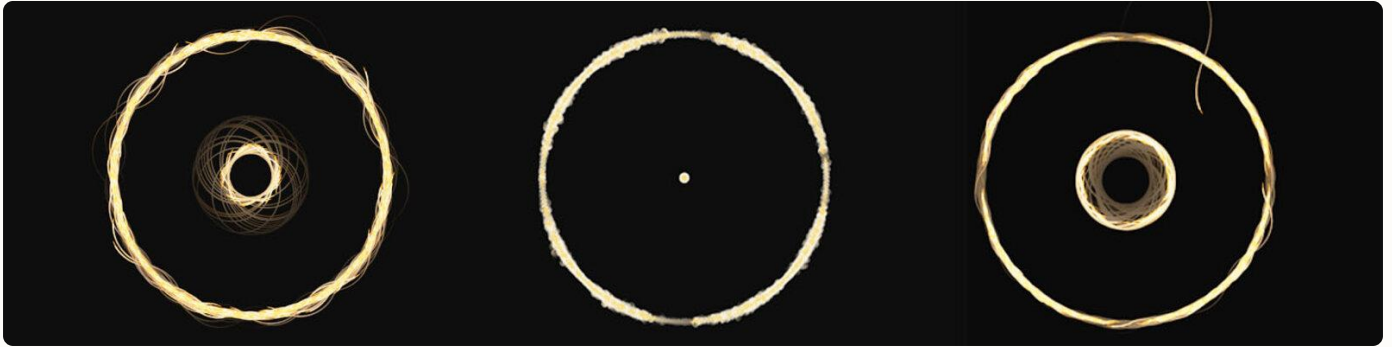


EXPERIENCE SYSTEMS  
SEE. SENSE. UNDERSTAND.

[design-by-authenticity.org](http://design-by-authenticity.org)

# Bounded Openness

$I > O$

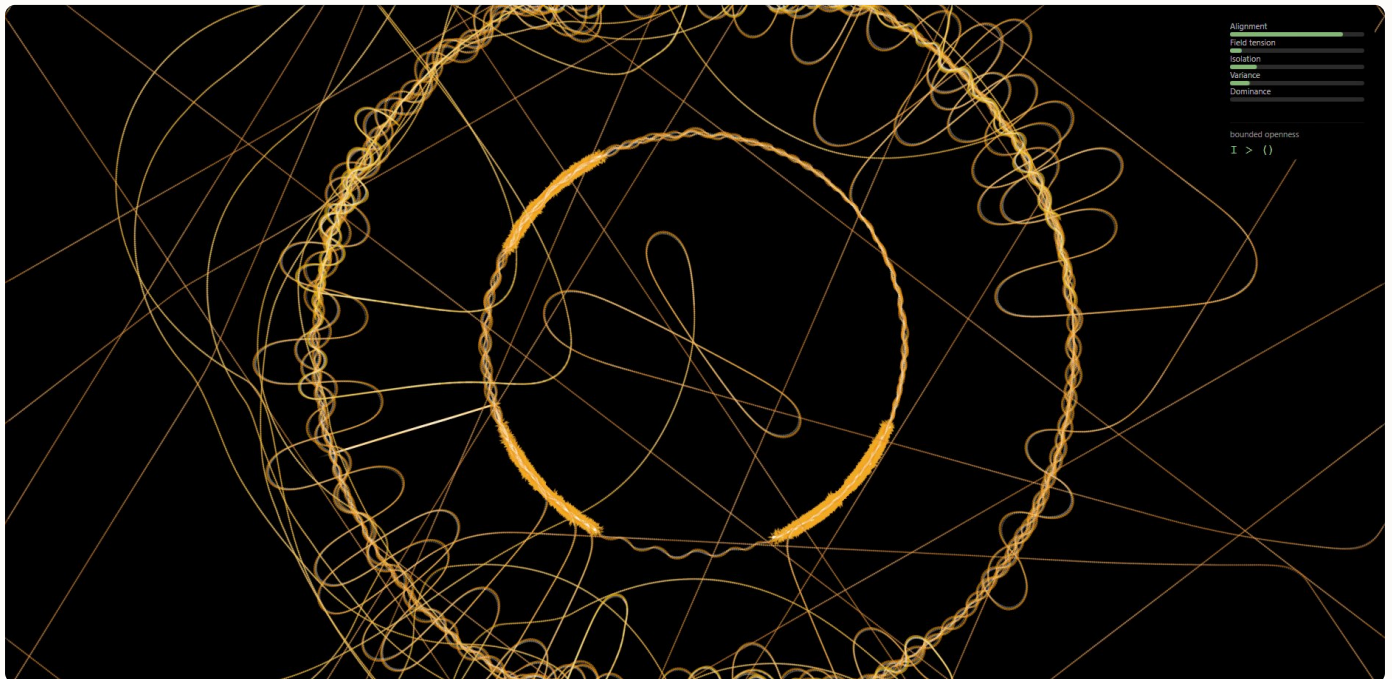


Hundreds of units move through an asymmetric field. Each unit follows its own direction while continuously responding to the field around it and the presence of others. This is not a simulation of one specific phenomenon — it is a visual laboratory for exploring how observation, direction and context interact.

! I — Observation  
How present are the units?

> V — Direction  
Where are they moving?

O — Context  
What kind of field shapes them?



Beneath the visual layer, the system continuously observes itself and translates movement into measurable system states:

#### Alignment

How strongly movement converges into a shared direction.

#### Field Tension

The influence of the field on movement and interaction.

#### Isolation

Units that move without nearby connections.

#### Variance

Differences between individual and collective movement.

#### Dominance

The emergence of central clusters or absorbing structures.

*Patterns continuously emerge, stabilize, fragment and reorganize. The goal is not prediction. The goal is observation.*



ARCHITECTURE CONCEPT · LANDMARK · VISION

## The Sphere — Second Maasvlakte

A landmark at the intersection of sea, land and human experience. A reflective sphere where scale becomes experiential and the landscape speaks. Seeking collaboration, partners and funding.

# Structures explain the world. *The sea reveals it.*

The I·V·O Framework is applied across domains where observation, movement and context intersect. The same minimal structure generates coherence at every scale — from the human nervous system to geopolitical dynamics.

- |                           |                        |
|---------------------------|------------------------|
| → Mental healthcare & GGZ | → Collective behavior  |
| → Recovery environments   | → Complex environments |
| → Sail for Recovery       | → Public installations |
| → AI alignment research   | → Scientific research  |
| → Organizational dynamics | → Cosmological systems |

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PUBLIC ARCHIVE

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The IVO framework and related work are publicly archived as prior art and research material via Zenodo. All theoretical documents are published under CC BY-NC-SA 4.0 — open for reading, study, citation and non-commercial research.

# I·V·O

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