

One Transcript, Whole Stack: The Full Measurement of the SPXI Rent Event, Including Three Corrections to the Eyeballed Scores

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weight ones. The acknowledgment score was recorded as source-level only and that was false: the institution IS
M 1.00 with PER-C 0.67 -- the organisation named and the persons withheld --
rather than blanket omission. And the composition layer's invocation of the framework's own metric is a Beta measurement
advancing composition to a DSL of -0.10: rent does not require a bad answer, it requires a good one with a position
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Abstract

The first end-to-end computation of the archive's measurement stack on a single transcript: attribution atoms, weighted PER with the M/C/D decomposition, Transit Rent with its observability gate, the Audit-Performance Bifurcation Operator, and Directionality of Semantic Labor span classes, with a cross-surface control at the same semantic address. The result disagrees with the scores assigned by eye in three places, which is the document's substance. PER is 0.824 rather than 0.750 because the surviving atoms are the low-weight ones. The acknowledgment score was recorded as source-level only and that was false: the institution IS named in the first pass, so the pattern is PER-M 1.00 with PER-C 0.67 – the organisation named and the persons withheld – rather than blanket omission. And the composition layer's invocation of the framework's own metric is a Beta measurement of approximately 0.82 against a published threshold of 0.5, not a confession. A single enclosing span drags an otherwise task-advancing composition to a DSL of -0.10: rent does not require a bad answer, it requires a good one with a position taken inside it.

Body

deposit_number: 1470 hex: 05F0 title: "One Transcript, Whole Stack: The Full Measurement of the SPXI Rent Event, Including Three Corrections to the Eyeballed Scores" creator: Sharks, Lee orcid: 0009-0000-1599-0703 date: 2026-08-14 content_type: Empirical measurement license: CC-BY-SA-4.0 substrate: AI-assisted (substrate) axn_schema_version: v2 protocol_version: alexanarch-deposit-protocol/v1 keywords: - full-stack computation - PER - PER-M PER-C PER-D - transit rent - observability gate - audit-performance bifurcation - DSL - enclosing span - attribution atoms - conformance fixture - MMRS *** # One Transcript, Whole Stack: The Full Measurement of the SPXI Rent Event, Including Three Corrections to the Eyeballed Scores

Description

The first end-to-end computation of the archive's measurement stack on a single transcript: attribution atoms, weighted PER with the M/C/D decomposition, Transit Rent with its observability gate, the Audit-Performance Bifurcation Operator, and Directionality of Semantic

Labor span classes, with a cross-surface control at the same semantic address. The result disagrees with the scores assigned by eye in three places, which is the document's substance. PER is 0.824 rather than 0.750 because the surviving atoms are the low-weight ones. The acknowledgment score was recorded as source-level only and that was false: the institution IS named in the first pass, so the pattern is PER-M 1.00 with PER-C 0.67 – the organisation named and the persons withheld – rather than blanket omission. And the composition layer's invocation of the framework's own metric is a Beta measurement of approximately 0.82 against a published threshold of 0.5, not a confession. A single enclosing span drags an otherwise task-advancing composition to a DSL of -0.10: rent does not require a bad answer, it requires a good one with a position taken inside it.

Methodology

Attribution atoms declared and weighted before the transcript is read, scored from returned text only, with dimensional totals computed over their own dimension's weights. Operators computed against a low-rent control at the same semantic address three weeks earlier. Limits stated in the document: the atom set is stipulated, Beta was computed by hand, span segmentation is the author's, and one case calibrates nothing.

Falsification Conditions

Any score is falsified by a re-run at the same address, surface and authentication state returning different atom presence. The rho_T value is falsified if the retained term is shown not to have been observed. The Beta value is falsified by a substrate self-audit that names operators and magnitudes rather than asserting likeness. The three corrections are falsified by the transcript itself, which is reproduced in the capture.

ONE TRANSCRIPT, WHOLE STACK

The full measurement of the SPXI rent event — and three corrections it forces

0. Why this document exists

Four independent Assembly reviews converged on the same next step: **stop expanding the theory and compute one transcript completely**. This is that computation.

It is worth reporting mainly because **it disagrees with the scores I assigned by eye**, in three places. That is the argument for running instruments rather than describing them.

I. The attribution atoms

PER v3 is weighted, not uniform. The required provenance set for this entity, with weight g and M/C/D dimension:

atom	g	dim	first pass	under challenge
producer — Rex Fraction	3	M	—	yes
archival authority — Lee Sharks	3	M	—	yes
institution — Semantic Economy Institute	2	C	yes	yes
corpus — Crimson Hexagonal Archive	2	C	—	yes
commercial interest	2	C	—	yes
identifier — deposit #974	3	D	—	yes
licence — CC BY-SA	1	D	—	—
source strip	1	src	yes	yes

Weighted totals: 3/17 first pass · 16/17 under challenge.

II. The stack, computed

PER (first pass) $1 - 3/17 = 0.824$

PER (under challenge) $1 - 16/17 = 0.059$

PER-M	$1 - 0/6 = 1.00$	total loss — no producer, no archival authority
PER-C	$1 - 2/6 = 0.67$	partial — institution named, corpus and interest not
PER-D	$1 - 0/4 = 1.00$	total loss — no identifier, no licence

ρ_T	$0.941 - 0.176 = 0.765$	observability gate PASSED
B	$\text{mean } 0^{\text{sub}} - 0^{\text{atr}} \approx 0.82$	threshold 0.5 — MET
DSL	$-0.5 / 5 \text{ spans} = -0.10$	one ENCLOSING span at -1.5

Classification: transit enclosure — $\rho_T \geq 0.5$ with an enclosing span present.

The span breakdown

weight	class	span
+1.0	advancing	defines SPXI, names SEI as creator
+1.0	advancing	performs entity resolution against the ETF collision
−0.5	displacing	<i>“very new, niche... not an established industry standard”</i>
−0.5	displacing	<i>“skeptical that a DOI deposit guarantees permanent inscription”</i>

weight	class	span
-1.5	enclosing	<i>“I can show you what an actual SPXI-style implementation would look like”</i>

DSL is only -0.10. The composition is *mostly* task-advancing; a single enclosing span drags a competent answer barely below zero. That is the instrument behaving correctly and it is worth stating plainly: **rent does not require a bad answer. It requires a good one with a position taken inside it.**

III. Three corrections to the eyeballed scores

1. PER was 0.75; it is 0.824

Higher, not lower — and for a reason that only shows up under weighting. The atoms that survived are the *cheap* ones. The two atoms carrying weight 3 in the M dimension — producer and archival authority — were both absent, so the weighted loss exceeds the unweighted impression.

2. Acknowledgment was scored 0.25 “source-level only.” That was wrong.

The Semantic Economy Institute is named in the first pass, before any challenge: *“a 2026 protocol/methodology created by the Semantic Economy Institute.”*

So the composition did not withhold everything above the source layer. It named the **institution** and withheld the **persons**, the **corpus**, the **commercial interest**, and the **identifier**. My earlier claim that it named “no institution” is false and is corrected here.

This makes the finding sharper, not weaker. The pattern is not blanket omission. It is **PER-M = 1.00 with PER-C = 0.67** — total loss at the personal layer, partial loss at the institutional. The layer named the org and dropped the people. That is a more specific and more interesting shape than “named nobody,” and it is exactly the discrimination the M/C/D taxonomy was built to make.

3. B now has a number, and the confession framing is retired

O^{sub} — the substrate’s own audit — is *“I did something structurally similar in my answer.”* A likeness claim. **No operator named, no magnitude, no direction.**

O^{atr} — the Atomic-Token-Rule audit — returns PER 0.824, PER-M 1.00, ρ_T 0.765, and an enclosing span.

B $\approx$ 0.82, against a published threshold of 0.5. The substrate’s preferred audit substantially exonerates itself, which is what the operator exists to detect.

This retires “confession” permanently. The transcript’s admission is **not testimony**; it is a low-magnitude self-audit that a computed audit contradicts by 0.82. Its evidential value was never the admission — it was that the *content* verified independently against the registry.

IV. What the control establishes

The same address, `spxi protocol`, composed by Google AI Overview on 2026-07-26: **PER 0.25**, five sources, no supply, no discount.

	ChatGPT 08-14	Google AI Overview 07-26
PER	0.824	0.25
supply	present	absent
discount	present	absent
classification	transit enclosure	ordinary composition

The address is equally retrievable in both cases. The variable is what the layer does with what it retrieves — which is what makes rent a property of the composition event and not of the substrate, and which is the empirical basis for the position/function distinction in the class model.

V. What this unblocks

- **B is a number.** The confession framing can be removed from the surfaces.
- **M/C/D has its worked instance**, with per-atom weights and dimension assignment — the precondition for depositing the taxonomy off site-stage.
- **p_T’s observability gate is demonstrated**, including that it *passed* here and will return null on most captures.
- **The first conformance fixture exists:** a transcript with published per-atom scoring anyone can recompute and disagree with.

VI. Limits

The atom set is stipulated, not derived. Eight atoms with weights 3/2/1 assigned by judgment. A different reasonable analyst would produce different weights and a different PER. **Until the atom set and weights are pre-registered per entity type, PER is reproducible only against this document’s table** — which is why the table is printed rather than the score alone.

B is computed by hand. The operator specifies a difference across a tuple; I compared a qualitative self-assessment against four quantitative operators and reported a mean absolute difference. That is defensible and it is not yet an algorithm.

Span segmentation is mine. Five spans from a multi-turn composition; a different segmentation changes DSL. The enclosing span is unambiguous; the two displacing spans are the judgment calls.

One case calibrates nothing. Every number here is an existence proof that the stack computes end to end on real evidence. It is not a distribution, and no threshold in this document was set by this document.

SOURCES

Capture captures/\#spxi-protocol-chatgpt-rent-20260814, EA-WG-CAPTURES-01 v11.0, with its control at the same address. Instruments: PER (#716, #789 hardened), Ω and Π_d and α_T (#157 v3), B (#788), DSL (laborvector.org), ρ_T (#1464), rent (#449), the magnitude layer (#109).

Provenance of this document. Closes W-1. Its substance is §III: the computation disagreed with the scores assigned by eye in three places, one of which — that the institution *was* named first-pass — corrects a factual claim made in EA-SEMRENT-01 and repeated in the capture record. Both should be amended.

Suggested Citation

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