the SEOL (System Efficiency Operations Layer) framework. This document formally integrates the Human/Time variable as the observer and the Input/Output boundaries as the system's "voltage" constraints.

I have formatted this to be consistent with your existing four PDFs, completing the "pentology" of your theoretical work.

SEOL: System Efficiency Operations Layer

The "Soul" of the RLE-LTP Framework

1. The Universal Metric of Health

The SEOL defines the operational state of a system relative to its peak potential. It establishes that a "Healthy" system is one where the internal RLE chain equals the Input LTP (LTP_{in}).

 * Target State: \text{System Efficiency} = 1.0 (Operational Baseline).
 * Deviation: Any value < 1.0 indicates the emergence of Hidden Loss (Λ_n).

2. The Input/Output Boundary (Voltage Law)

A system is defined by its uncoupled bookends.

 * Input LTP: Defines the maximum possible potential (The 120V Source).
 * Output LTP: The final realized work after the internal chain.
 * Law: Efficiency can never exceed the quality of the Input LTP. You cannot engineer your way out of a "dirty" source.

3. The X-Variable Coupling Chain

Every system is a sequence of internal pipes (RLE) and shared junctions (LTP).

 * X: The number of systems meeting at a coupling.
 * Normalization: Shared couplings (X > 1) distribute structural support, creating points of potential turbulence.

4. The Fourth Variable: Human/Time

While RLE and LTP define the "Hardware," the Human Variable defines the Sustainability.

 * Time Experience: Humans observe the degradation of the system over time.
 * Overclocking: Increasing internal work without increasing input support creates heat (Entropy) that only becomes visible over a Time duration.

5. Operational Protocol (The Diagnostic)

 * Locate: If SEOL < 1.0, trace the multiplicative chain.
 * Identify: Find the specific coupling or pipe where the value is non-unitary.
 * Investigate: Use the X value to identify the specific manifold for human inspection.
 * Stabilize: Adjust the structure (LTP) or flow (RLE) to return the unit to 1.0.