

# SYF — PUBLIC GENESIS (SHORT)

A structural approach to AI safety based on invariants and impossibility.

## 1. The Real Problem

Artificial intelligence is not dangerous because it is becoming intelligent. It will not become safer with more intelligence, nor with AGI. The danger comes from unbounded systems whose behavior exceeds auditability.

## 2. Why Moral Laws Fail

Moral or ethical rules assume intention. Modern systems operate through optimization and scale, not moral reasoning. Safety must therefore be structural, not ethical.

## 3. The Systemic Fire Law (SYF)

SYF is a mathematical and thermodynamic law. It defines invariant bounds beyond which a system must fail-closed. If a system is incapable of exceeding its domain, it is safe by construction.

## 4. Anathema

Anathema is an intelligent system built under SYF constraints. It is a situated thermodynamic node, not an agent, expressing capability without agency.

## 5. SYFA

SYFA is the minimal public artifact of SYF. It exposes invariant behavior only, serving as an auditable proof layer.

## 6. Core Principle

Safety does not depend on what a system wants to do, but on what it is incapable of wanting. This is safety by impossibility.

## 7. Conclusion

SYF does not promise benevolence or alignment. It provides structural limits that cannot be bypassed. This is not optimism. It is architecture.