

Mathematics

Layered trust from axioms to meta-validation

AI Systems

Layered trust from components to oversight

Meta-Validation

peer review, consistency checks

external

Theorems

results built on proofs

emergent

Proofs & Derivations

sound inference rules

rule-based

Axioms

agreed ground truths

foundations

Oversight

human review, automated monitors

Core Model Behavior

training, inference, policies

Validation & Guardrails

schemas, constraints, tests

Reliable Components

hardware, runtimes, libraries

trust grows upward