

USER INPUT
(what they
type)

USER
RESPONSE
(how they
react)

STOCHASTIC (Irreducible)

Human Agency

Signal Detection → 5-Phase Routing → Expert Selection → LLM Generation → State Update

Pattern match
LOD dictionary

ACTIVATE/WEIGHT/BOUND/SELECT/UPDATE
argmax + tiebreak

Batch-invariant kernels

USD compose

DETERMINISTIC (With Thinking Machines)

GUARANTEE: Same input + Same state → Same output + Same state update