Affect-Modulated Trust Slope Validation

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Validating agent's uncertainty and risk sensitivity modulating strictness of trust slope continuity criteria when evaluating potential delegates.

What It Is

When an agent evaluates potential delegates for trust slope continuity, the agent's own affective state modulates the strictness of the continuity criteria. An agent with elevated uncertainty sensitivity and risk sensitivity demands stronger continuity evidence. An agent with high cooperation disposition and low risk sensitivity accepts weaker continuity with less friction.

This modulation applies specifically to the trust slope validation step, not to other aspects of delegation governance.

Why It Matters

Trust evaluation is inherently sensitive to the evaluator's context. An agent that has recently experienced delegation failures has legitimate reason to demand stronger trust evidence from new delegates. Fixed trust criteria cannot account for this experiential context.

Without affect-modulated trust validation, agents delegate with identical strictness regardless of their accumulated experience with delegation outcomes, losing the adaptive benefit that the affective field provides.

How It Works Structurally

The trust slope validation function receives the candidate delegate's slope trajectory and the evaluating agent's affective field. The validation threshold is adjusted by a modifier computed from relevant affect dimensions, primarily uncertainty sensitivity, risk sensitivity, and cooperation disposition. Higher caution raises the threshold; higher openness lowers it.

The modulation is bounded by policy-defined limits that prevent affect from either completely blocking or completely bypassing trust validation.

What It Enables

Delegation behavior that adapts to the evaluating agent's experiential context. Agents that have experienced trust violations become temporarily more discriminating, while agents in established, stable operational contexts maintain appropriate openness to new delegates.

Networks where trust evaluation naturally tightens after system-wide incidents and loosens during stable periods, without requiring centralized policy adjustments.

[Affective State](#) [All 21 steps →](#)

Emotion as a computational primitive, not a simulation.

Primary Technical Disclosure
○ [Affective State as a Deterministic Control Primitive for Semantic Agents](#)
Secondary Technical
○ [Affective State as Seventh Canonical Field](#)○ [Named Control Field Modulation Architecture](#)○ [Affect-Modulated Promotion Thresholds](#)○ [Deterministic Affect Encoding and Update Mechanics](#)○ [Emotional Decay Curves With Hysteresis](#)○ [Entropy-Governed Valence Stabilization](#)○ [Affective Inheritance in Delegation Chains](#)○ [Emotional Quarantine and Volatility Management](#)● [Affect-Modulated Trust Slope Validation](#)○ [Biological Signal-to-Affective Coupling](#)○ [Affective Contagion in Multi-Agent Systems](#)○ [Affect-Modulated Discovery Traversal](#)○ [Affect-Governance Separation](#)○ [Policy-Bounded Affective Updates](#)○ [Affect as Cross-Primitive Input](#)○ [Affect-Modulated Inference Integration](#)○ [Substrate-Agnostic Affect Deployment](#)○ [Pseudonymous Emotional Operation](#)○ [Temporal Cognition Field](#)
Applications (General)
○ [Companion AI That Maintains Emotional Consistency Across Sessions](#)○ [Therapeutic Agent Affect Management Under Clinical Constraints](#)○ [Affective State for Customer Service Agents](#)○ [Affective State for Elderly Care Companion Agents](#)○ [Affective State for Crisis Response Agents](#)○ [Affective State for Negotiation Agents](#)○ [Affective State for Educational Tutoring Agents](#)○ [Affective State for HR and Recruitment Agents](#)
Applications (Specific)
○ [Replika's Emotional Memory Is Stateless](#)○ [Character.ai's Personality Problem Is Deeper Than Prompting](#)○ [Woebot's Therapeutic Affect Has No Persistent State](#)○ [Elomia's Empathy Resets Every Session](#)○ [Hume AI Measures Emotion but Cannot Govern It](#)○ [Affectiva Reads Faces but Not Emotional Trajectories](#)○ [Cogito Scores Conversations Without Emotional State](#)○ [Beyond Verbal Decoded Voice Without Building Emotional Memory](#)○ [EmotiBit Captures Physiology Without Affective Governance](#)○ [RealEyes Measures Attention Without Emotional Persistence](#)
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