

MDMA: Multi-Domain Mental Architecture Volume 1

— Cognitive Model (Abstract)

MDMA (Multi-Domain Mental Architecture) is an independently proposed cognitive framework by Ning Coeva (2025), designed to explain multi-domain concurrency in human thought, cross-domain attention migration, and cognitive-load-driven migraine phenomena. The model introduces Zero-Gate (thresholdless cognitive transfer), SuperDomain integration structures, Relationship Fiber (structure of interpersonal cognition), and an event-based emotional system (E-Events). Volume 1 provides the foundational architecture—how mental nodes, narrative layers, emotional drift, and multi-threaded cognitive processes interact. The model aims to bridge cognitive science, narrative psychology, AI-human co-evolution, and system-level behavior modeling. This document serves as the official timestamped abstract for the MDMA Whitepaper (Vol.1).