

Latent Features Legend

0: Local Step Validation / Plausibility Check	1: Causal Mechanism Elaboration	2: Step-by-Step Numerical Calculation and Substitution
3: Retrieval and Articulation of Prior Knowledge	4: Intermediate Quantitative Calculation Steps	5: Conditional Evaluation of Possible Outcomes or Legal Standards
6: Stepwise Mental Arithmetic and Decomposition	7: Expanding the Scope of Consideration	8: Formula Recall and Explicit Statement
9: Factual Situation Summarization (Case Fact Recitation)	10: Projecting Consequences and Implications	11: Differential Diagnosis and Exclusion Reasoning
12: Unit and Quantity Identification & Conversion Planning	13: Initiation of Deliberative Reasoning or Cognitive Re-engagement	14: Causal and Conditional Chain Construction
15: Metacognitive Error-Checking and Re-Evaluation Prompt	16: Integrative Synthesis and Final Answer Selection	17: Explicit Expression of Uncertainty or Knowledge Limitation
18: **Problem Restatement and Extraction of Given Information**	19: Problem Identification and Framing	