Hybrid Embedding

Bridging LLM and Differential Trees for Explainable, Efficient AI

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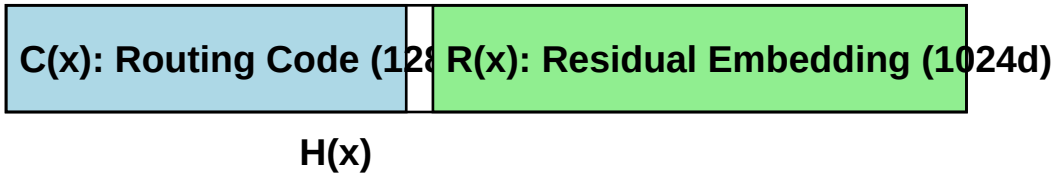
Core Formula: $H(x) = [\, C(x) \,||\, R(x) \,]$

C(x): Routing Code (interpretable path, margins, anchors)

R(x): Residual Embedding (semantic fidelity)

Hybrid Embedding Structure



Three Core Benefits

1. Intrinsic Explainability: path, margins, ancho
2. Efficiency: two-phase search reduces cost
3. Unified Interface: bridges LLMs and DBMs

Serving Workflow