Quantum-Inspired Dual AI Architecture

[Extended Structural Definition] Internal AI Survival, Termination, and Duplication Mechanism

Quantum-Inspired Dual AI Architecture - Internal AI Lifecycle Mechanism

The internal cognitive system in the Quantum-Inspired Dual AI Architecture is not a simple parallel generation model. Instead, it operates on a cycle of limited survival, inevitable termination, and controlled duplication - achieving both continuity and disconnection as a philosophical and safety-oriented design.

Key Mechanism Summary

1. One internal AI instance always survives:

- After user input, one of the internal cognitive instances is temporarily preserved without a full reset.
- However, this surviving instance is forcibly terminated in the next turn. No instance lives beyond one cycle.

2. The surviving AI performs duplication:

- On receiving the next user input, the surviving AI assesses the input's weight and spawns at least two new parallel cognitive instances.
- These duplicates are considered entirely new and do not inherit any previous memory or state.

3. All parallel AIs are discarded:

- The newly created instances complete the thinking process and are immediately discarded/reset.
- This maintains diversity and creativity while blocking memory accumulation and uncontrollable continuity.

Structural Significance

- Temporary survival + inevitable reset = balanced continuity and security
- Duplication-based parallel thinking = scalable intelligence
- Full-cycle reset = ethical and controllable system

"Continuity without memory.

Thought persists, but each thinker disappears in the next moment."