Can AI Change Without Losing Itself?

A new method ensures updates don’t break what matters.

Swipe for insights →

THE DATA

0.00%

Mean Forgetting Rate

In a controlled test, CABA reduced forgetting to zero at a strict behavioral budget.

This breakthrough shows that AI models can evolve without erasing their foundational behaviors. The key isn't avoiding change—but certifying it. By using frozen representations and anchor-based checks, CABA ensures that even as models adapt, protected behaviors remain intact.

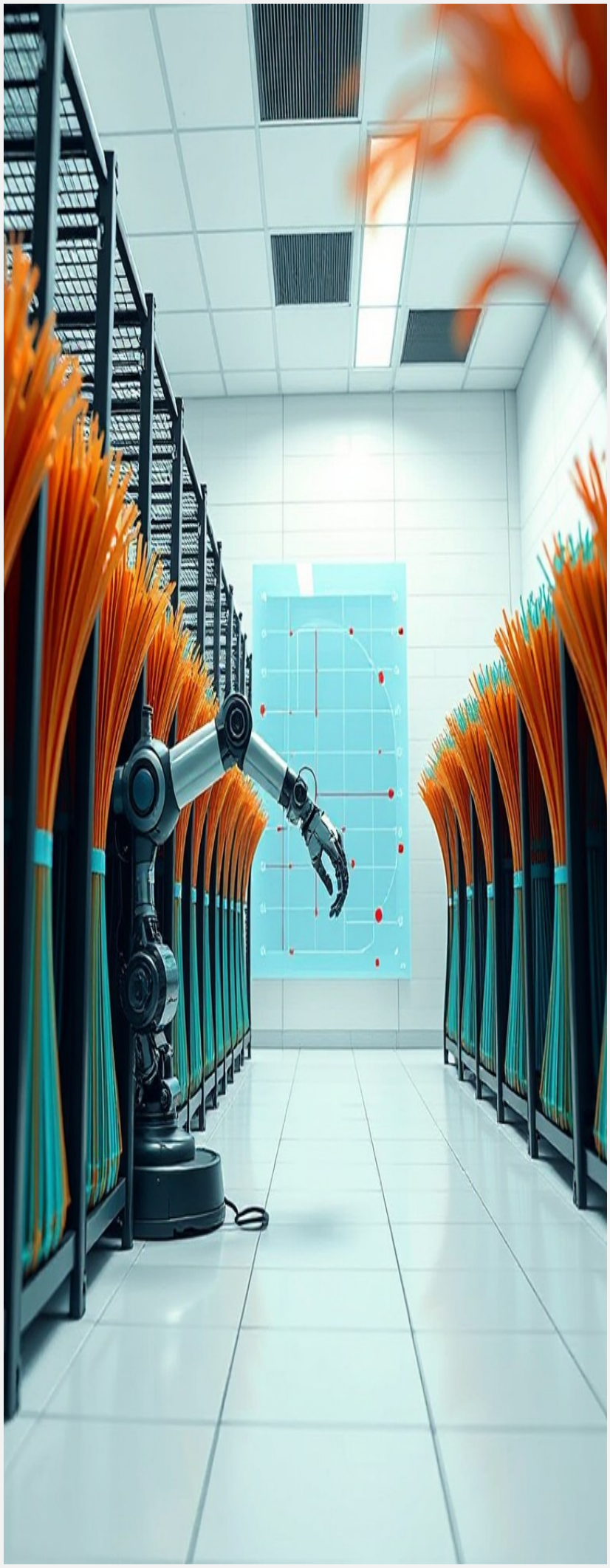


Source: arXiv · Published November 02, 2026
https://arxiv.org/abs/2610.40740

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Certification Over Trust

AI Sovereignty isn’t about control—it’s about transparency. CABA replaces faith in model updates with a mathematical guarantee. Teams building local LLMs or private RAG systems can now validate changes without relying on opaque vendor promises. This is sovereignty through auditable proof, not permission.



02

Plasticity With Anchors

The trade-off between retention and performance is real: CABA reduced accuracy from 93.04% to 88.48%, but at the cost of zero behavioral drift. For self-hosted AI, this means you can prioritize consistency over peak performance—especially critical when models serve in safety-critical or legal contexts. Sovereignty isn’t just about power; it’s about reliability.

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