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now •

Andrew Ng just released an "Agentic Reviewer" for research papers and this is a 'big' deal for anyone doing serious research.

The system was trained on real "ICLR 2025 reviews" and reached "near human-level agreement" with actual reviewers.

🚨 The real problem it targets

➡️ Paper review is painfully slow.

➡️ Each review cycle can take ~6 months.

➡️ Iteration speed, not ideas, becomes the bottleneck.

⚙️ How it works

The AI agent:

➡️ Reads your paper end-to-end

➡️ Searches arXiv for relevant prior work

➡️ Analyzes claims, structure, and novelty

➡️ Produces "structured, reviewer-style feedback", grounded in published research

It works especially well in fields with open literature.

📊 How good is it?

➡️ Human–human reviewer correlation: "0.41"

➡️ AI–human reviewer correlation: "0.42"

That's essentially on par with today's reviewers.

🧪 My personal take

I used it myself to get my paper on "Topological Validation" reviewed.

It did a thorough job, honestly better than many human reviews I've received (pic below). This is the way to go. "No more waiting months. Shorter iteration cycles. Faster science."

🔗 Try it at http://paperreview.ai

Curious to see how this reshapes the research workflow going forward.

Stanford University #ai #paperreview #artificialintelligence #research

(Note: Original post by Lior Alexander)