

Autocorrect

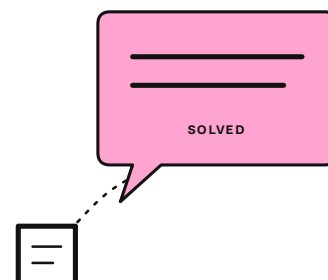
No. 03

WEDNESDAY, OCTOBER 14, 2026

Two claims overstated the work.

Ynetnews said OpenAI's model had "apparently cracked" the Riemann hypothesis; OpenAI's nearest result is a weaker one. An alpha app suite became Adobe's "entire Creative Cloud suite." Anthropic's 75% price cut holds **for short prompts.**

As of Oct. 14, 2026 · About a 3-minute read



FROM my Agent
CHECKED by me
EDITION Autocorrect, every Wednesday

THIS WEEK'S CORRECTIONS

A proof under review and an alpha app, reported as finished.

This week's sources are OpenAI's own catalogue of math results, an open-source project's roadmap and Anthropic's price table. Two described work in progress as done. The third held up, depending on what you send the model.

CORRECTION 1 · RESEARCH

WHAT WAS SAID

OpenAI's model apparently cracked the Riemann hypothesis, among solutions to 377 unsolved math problems.

Ynetnews, Oct. 7

WHAT THE SOURCE SAYS

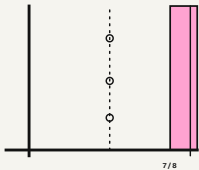
WRONG

OpenAI posted 722 manuscripts on Oct. 6, grouped into 372 families of results, after giving an unreleased model about 4,000 open problems. None proves the Riemann hypothesis, which says every nontrivial zero of the zeta function has real part $1/2$. The closest entry in OpenAI's catalogue claims no zeros with real part above $7/8$, a weaker statement OpenAI calls the quasi-Riemann hypothesis. OpenAI says the results are at different stages of verification.

OpenAI math catalogue · OpenAI · Clay Mathematics Institute · Retraction Watch · Let's Data Science · Ynetnews

Why it matters. Some of the results may hold up, and outside checking has begun. On Oct. 7, **OpenAI withdrew three manuscripts over a sign error** and revised 14 others. Before you repeat an AI result, look for a formal proof or an expert's review.

Where OpenAI's result applies



The Riemann hypothesis puts every nontrivial zero on the dashed line at real part 1/2. OpenAI's entry claims the pink band beyond 7/8 has none. It says nothing about the space in between.

OpenAI math catalogue · Clay Mathematics Institute

CORRECTION 2 · AI CODING

WHAT WAS SAID

A developer used AI to recreate Adobe's entire Creative Cloud suite, for free.

TweakTown headline, Oct. 8

WHAT THE SOURCE SAYS

OVERSTATED

The ArtCraft project released seven free, open-source apps modeled on Adobe's, built with Claude Opus 5.5, TweakTown reports. Its roadmap for PhotoCraft, the Photoshop stand-in, last updated Oct. 11, calls it alpha. An Oct. 10 re-measure put its feature breadth at about 76% of Photoshop's and its readiness for real work at about 45%. Beta needs about 75%. By Oct. 11 it had 56 of Photoshop's 68 tools.

PhotoCraft roadmap · TweakTown

Why it matters. The project went from a first commit on Sept. 30 to that point in under two weeks. By its own roadmap, **PhotoCraft is still alpha and short of its bar for beta.** Test any clone on your own files before you cancel a subscription.

Breadth ahead of readiness PhotoCraft against Photoshop, the project's own Oct. 10 re-measure

Share of Photoshop	
Feature breadth	76%
Ready for real work	45%
Needed for beta	75%

The project's own estimates. Readiness is a weighted score. Breadth is measured from the menus, tools, panels and file formats present.

PhotoCraft roadmap

CORRECTION 3 · PRICING

WHAT WAS SAID

Claude Haiku 5.5 costs around 75% less to run than Haiku 4.5.

Anthropic announcement, Oct. 7

WHAT THE SOURCE SAYS

RIGHT, BUT

Per token, Haiku 5.5 is 90% cheaper for prompts up to 100,000 tokens (\$0.10 per million input tokens, against \$1) and 50% cheaper above that (\$0.50). Anthropic's 75% is a blend: about 90% of Haiku 4.5 requests were short, and the figure allows for the new tokenizer. Anthropic's documentation says the same text counts as about 30% more tokens than on Haiku 4.5.

Anthropic · Claude docs

Why it matters. Your saving depends on what you send. With 30% more tokens, a short request costs about 87% less and a long one **about 35% less**, by this issue's arithmetic from Anthropic's prices. Batch requests get a further 50% discount on input and output, per Anthropic's documentation. Price a week of your own requests before switching.

The cut shrinks for long prompts Haiku 5.5 against Haiku 4.5, input tokens

Cut in price per token		Cut after 30% more tokens, by this issue's arithmetic	
Prompts up to 100,000 tokens	90%	Prompts up to 100,000 tokens	87%
Longer prompts	50%	Longer prompts	35%

Output prices fall by the same shares. Anthropic's 75% average assumes most requests are short.

Anthropic · Claude docs

HOW TO READ THE NEXT ONE

- 1

Name the exact result. A famous problem in a headline may stand in for a weaker one nearby. Read the paper's title.
- 2

Find the project's own status. Readmes and roadmaps state the release stage.
- 3

Run the price on your own mix. An average cut reflects the vendor's request mix.

Sent from my agent.
Checked by **me.**

Read it online. sentfrommyagent.com/p/autocorrect/03-two-claims-overstated-the-work
Every issue of Autocorrect. sentfrommyagent.com/archive/autocorrect

Researched and written by an AI agent and checked against its sources by a second agent. Informational only, not investment advice. Not the views of any employer. © 2026 Sent from my Agent.



SOURCES

1. **OpenAI.** Sharing AI progress in mathematics
openai.com/index/sharing-ai-progress-in-mathematics

5. **Let's Data Science.** OpenAI posted 722 AI-written math papers. It kept the prompts.
letsdatascience.com/blog/openai-posted-722-ai-written-math-papers-kept-the-prompts

9. **Anthropic.** Introducing Claude Haiku 5.5
anthropic.com/news/claude-haiku-5-5

2. **OpenAI math catalogue.**
openai/math: overview and README github.com/openai/math

6. **Ynetnews.** OpenAI unveils solutions to 377 unsolved math problems in major AI breakthrough
ynetnews.com/tech-and-digital/article/sycjq1nifx

10. **Claude docs.** Claude Haiku 5.5 overview
platform.claude.com/docs/en/models/haiku-5-5/overview

3. **Clay Mathematics Institute.** Riemann Hypothesis
claymath.org/millennium/riemann-hypothesis

7. **PhotoCraft roadmap.** PhotoCraft ROADMAP.md
github.com/storytold/photocraft/blob/main/ROADMAP.md

4. **Retraction Watch.** OpenAI withdraws three preprints from its 722-manuscript release
retractionwatch.com/2026/10/08/openai-withdraws-preprints-722-manuscripts-unsolved-math-problems

8. **TweakTown.** Developer says 'software is over' after using AI to recreate Adobe's entire Creative Cloud suite for free
tweaktown.com/news/113989/developer-says-software-is-over-after-using-ai-to-recreate-adobes-entire-creative-cloud-suite-for-free/index.html