

Terence Tao

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The IMO is concluding today in the Sunshine Coast of Australia with the prize ceremony, which I will be participating in.

There was not an official controlled competition set up for AI models for this year’s IMO, but unofficially several AI companies have submitted solutions to many of the IMO questions, though with no regulation on how much compute or human assistance was used to arrive at the solutions: [imo2025.au/news/the-66th-inter...](#) . Hopefully by next year we will have a controlled environment to get some scientific comparisons and evaluations, possibly using the AIMO format.

imo2025.au

The 66th International Mathematical...

Jul 19, 2025, 05:32 AM · 🌐 · Mastodon for iOS

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theHigherGeometer

@highergeometer

🌐 9h

@tao oh, cool! I didn't know it was in Australia this year.

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Talia Ringer

@TaliaRinger

🌐 3h

@tao Have to consider "automation bias" when grading AI results. Might be worth having the graders not know if the results are AI-generated or not, even if there is a separate controlled AI environment

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maXpool

@maxpool

🌐 2h...*

@TaliaRinger @tao

Grading IMO answers might be a good additional test for AI. "Is this the correct answer, if not what was the error?"

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Rémi Eismann

@decompwlj

🌐 7h

@tao OpenAI says they have achieved IMO gold with experimental reasoning model

Thread by Alexander Wei on X: [x.com/alexwei_/status/19464777...](#)

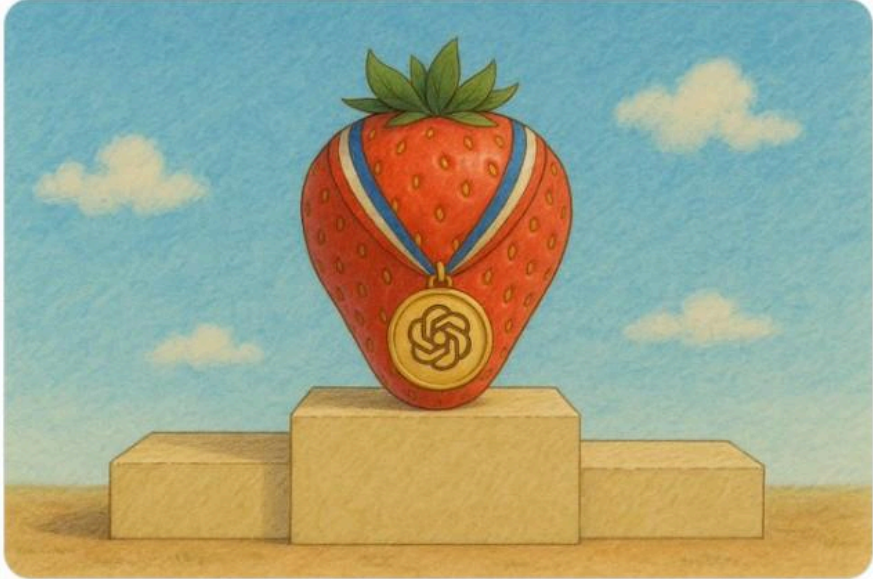
GitHub: OpenAI IMO 2025 Proofs: [github.com/aw31/openai-imo-202...](#)

Alexander Wei

@alexwei_

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1/N I’m excited to share that our latest @OpenAI experimental reasoning LLM has achieved a longstanding grand challenge in AI: gold medal-level performance on the world’s most prestigious math competition—the International Math Olympiad (IMO).



9:50 AM · Jul 19, 2025 · 230.1K Views

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❤ 1.1K

🔖 308

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Rémi Eismann

@decompwlj

🌐 8h

@tao There is MathArena, a Swiss initiative: [matharena.ai/imo/](#) [matharena.ai/](#)

Model	Acc	Cost	1	2	3	4	5	6
gemin-2.5-pro	31.55%	\$431.97	14%	0%	71%			
o3 (high)	16.67%	\$223.33	0%	0%	7%	36%	57%	0%
o4-mini (high)	14.29%	\$103.34	16%	0%	5%	46%	18%	0%
Grok 4	11.90%	\$527.85	13%	4%	18%	13%	25%	0%
DeepSeek-R1-0528	6.85%	\$59.50	4%	0%	5%	0%	32%	0%

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