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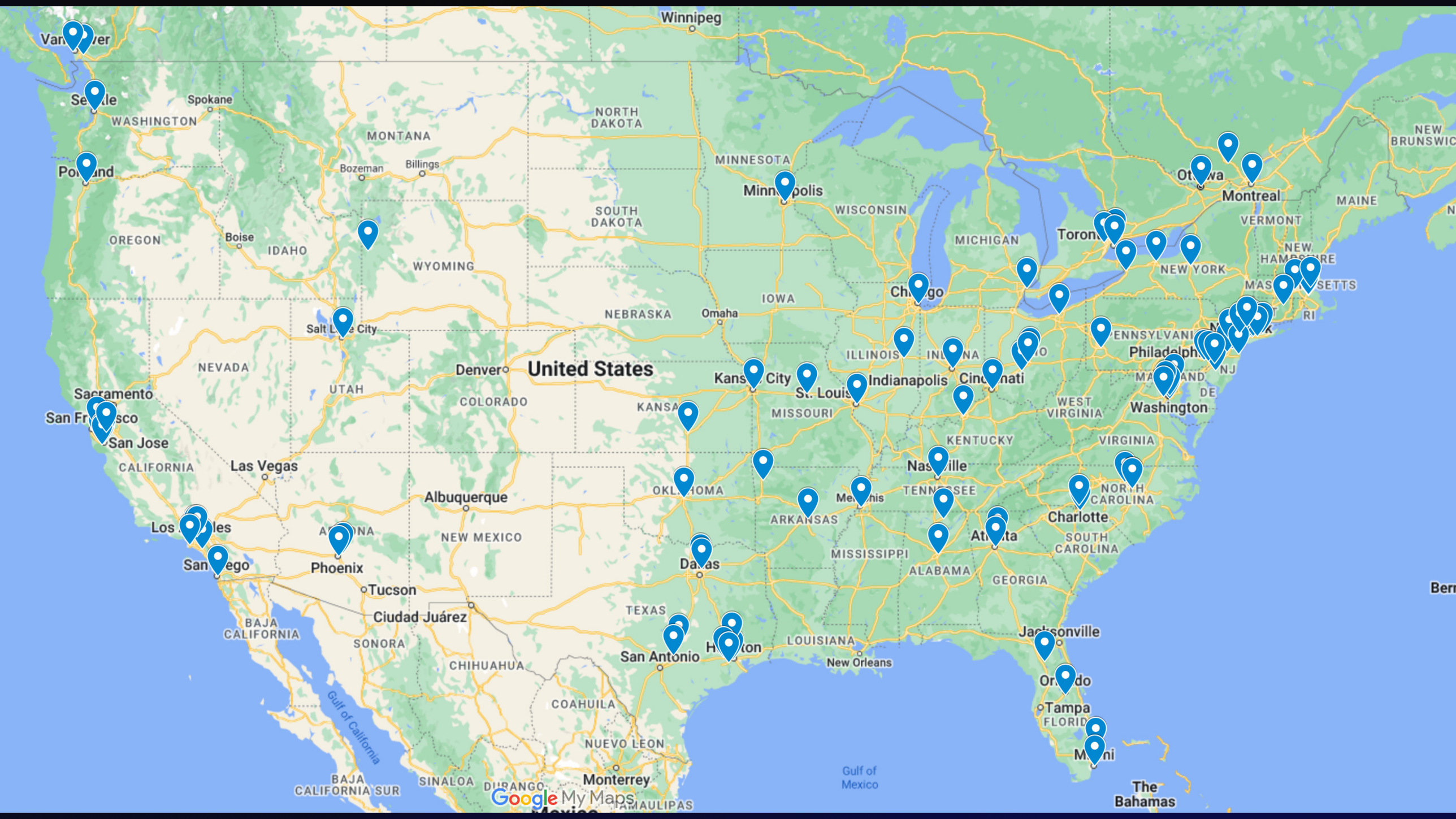
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Po-Shen Loh

Edit bio

Vice President for Advancement at International Mathematical Olympiad Foundation

Founder at **NOVID**

Founder at **LIVE, by Po-Shen Loh**

Founder at **expii**

Professor at **Carnegie Mellon University**

Former National Coach for the United States of America at International Mathematical Olympiad

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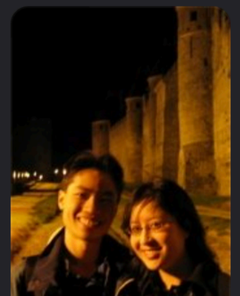

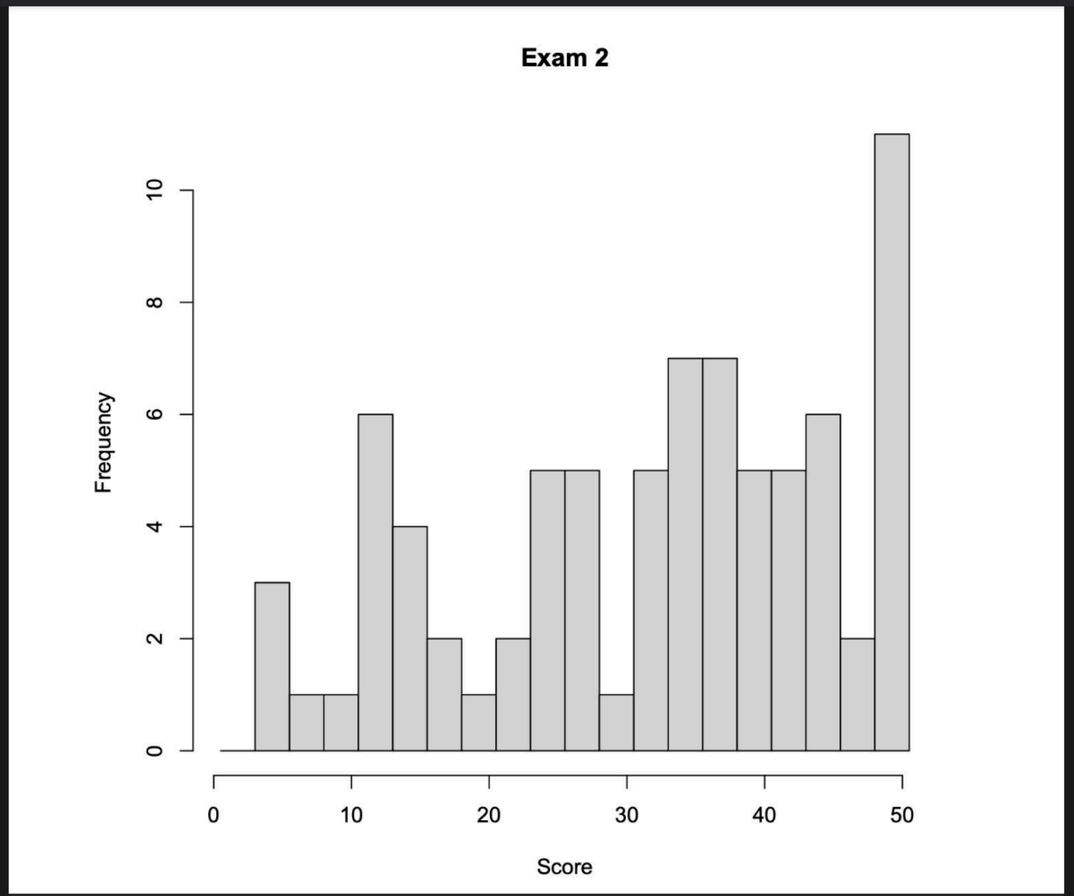

Timothy Chu, Francis Su and 1.6K others 49 comments 622 shares

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Dario Amodei (CEO, Anthropic):

I have in mind an AI model …

In terms of pure intelligence, it is smarter than a Nobel Prize winner across most relevant fields …

In addition to just being a “smart thing you talk to”, it has all the “interfaces” available to a human working virtually …

It does all of these tasks with, again, a skill exceeding that of the most capable humans in the world.

Dario Amodei (CEO, Anthropic):

It can be given tasks that take hours, days, or weeks to complete, and then goes off and does those tasks autonomously, in the way a smart employee would, asking for clarification as necessary.

It does not have a physical embodiment … but it can control existing physical tools, robots, or laboratory equipment through a computer; in theory it could even design robots or equipment for itself to use.

Dario Amodei (CEO, Anthropic):

The resources used to train the model can be repurposed to run millions of instances of it …

Each of these million copies can act independently on unrelated tasks, or if needed can all work together in the same way humans would collaborate …

We could summarize this as a “**country of geniuses in a datacenter**”.

SEP 20, 2024

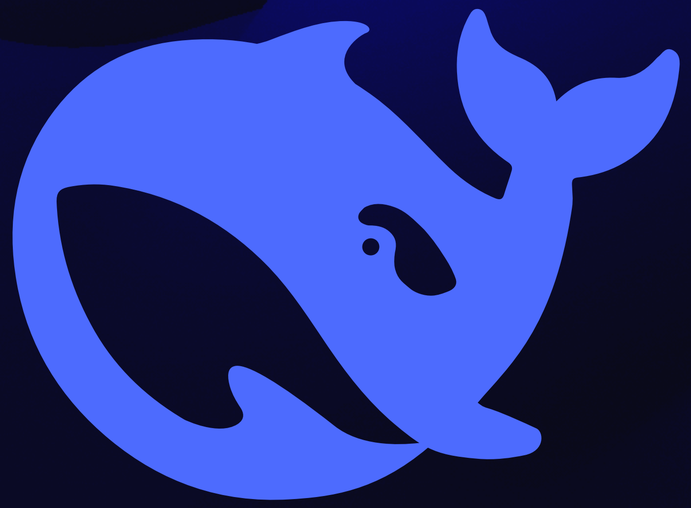
Three Mile Island nuclear plant will reopen to power Microsoft data centers

Photo credit: Constellation Energy

Liang Wenfeng (CEO, Deepseek):

Q: Why?

“Curiosity about the boundaries of AI capabilities.”



deepseek

Thought 🧠 Full

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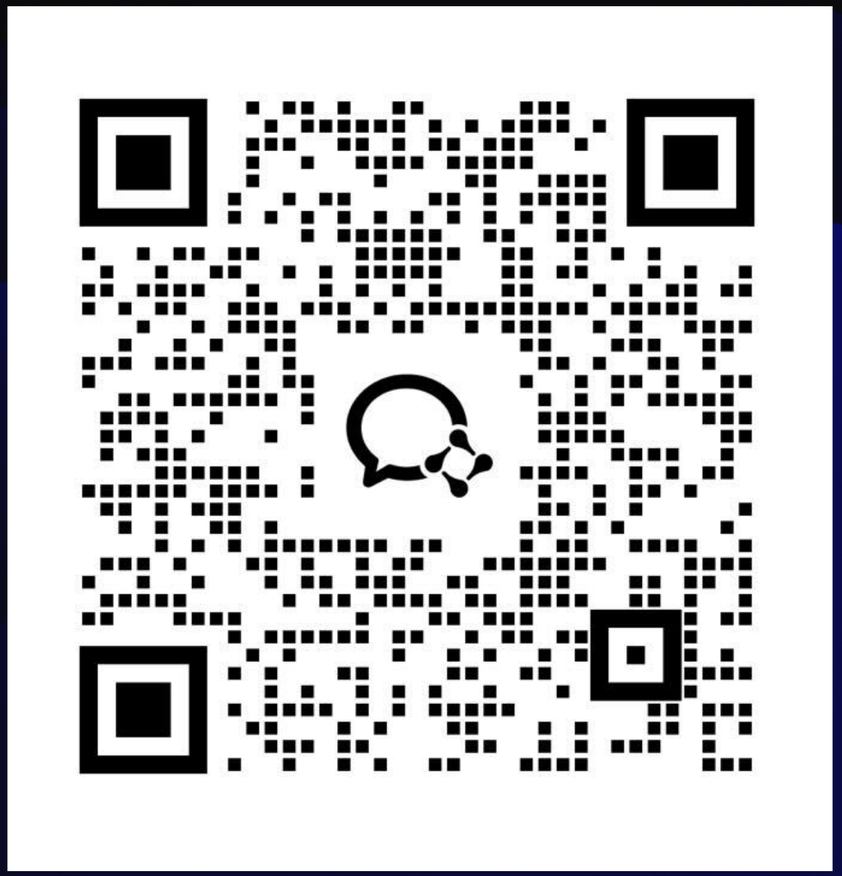
1 – 2 + 3 – 4 + … + 99 – 100 = ?

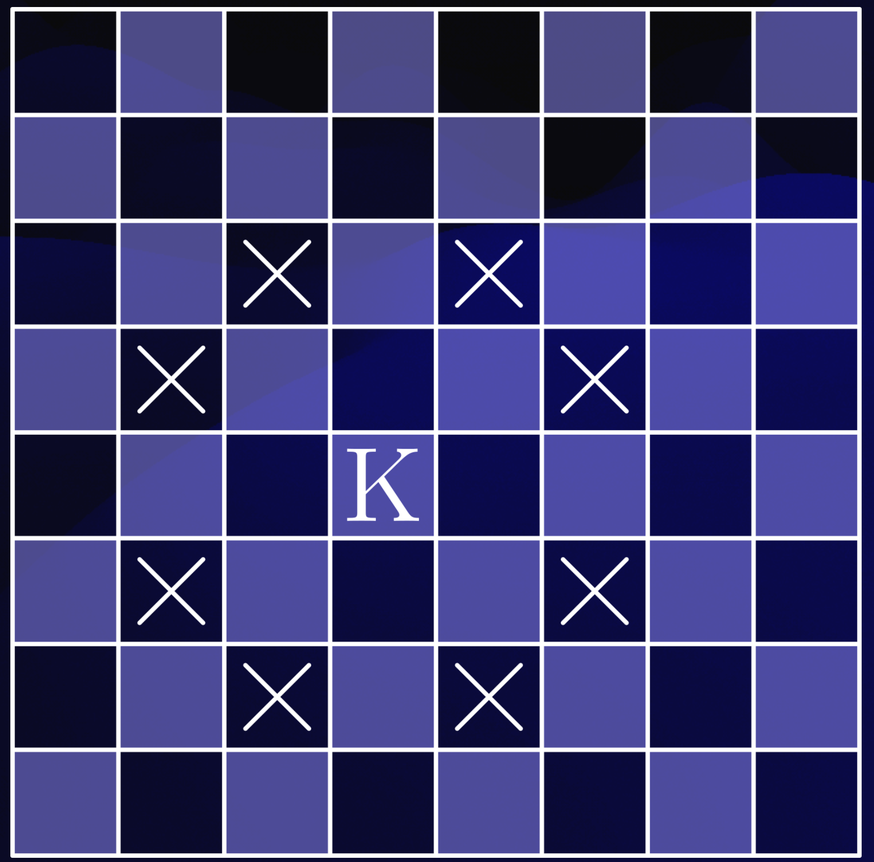
Thought Full

“Every time I leave that class it's like I've had a spiritual awakening in the domain of algebra!”

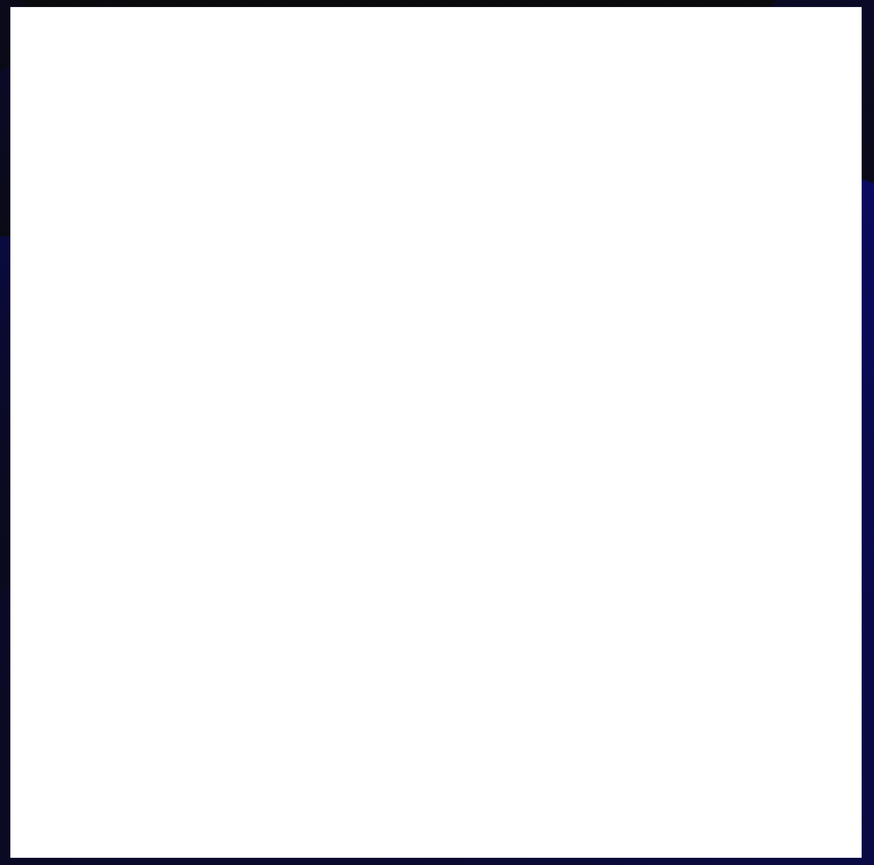
保持联络



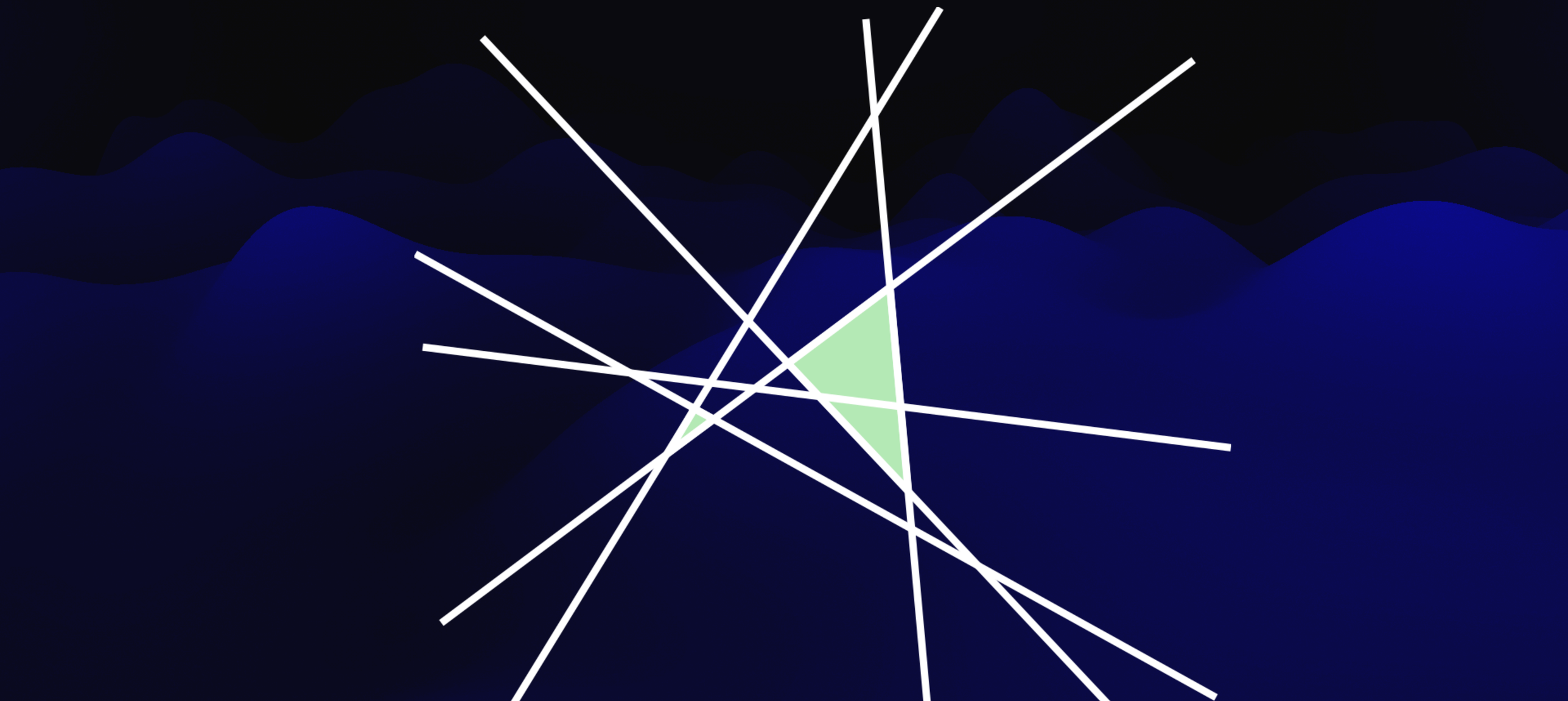
How many knights can fit on chessboard, none attacking another?

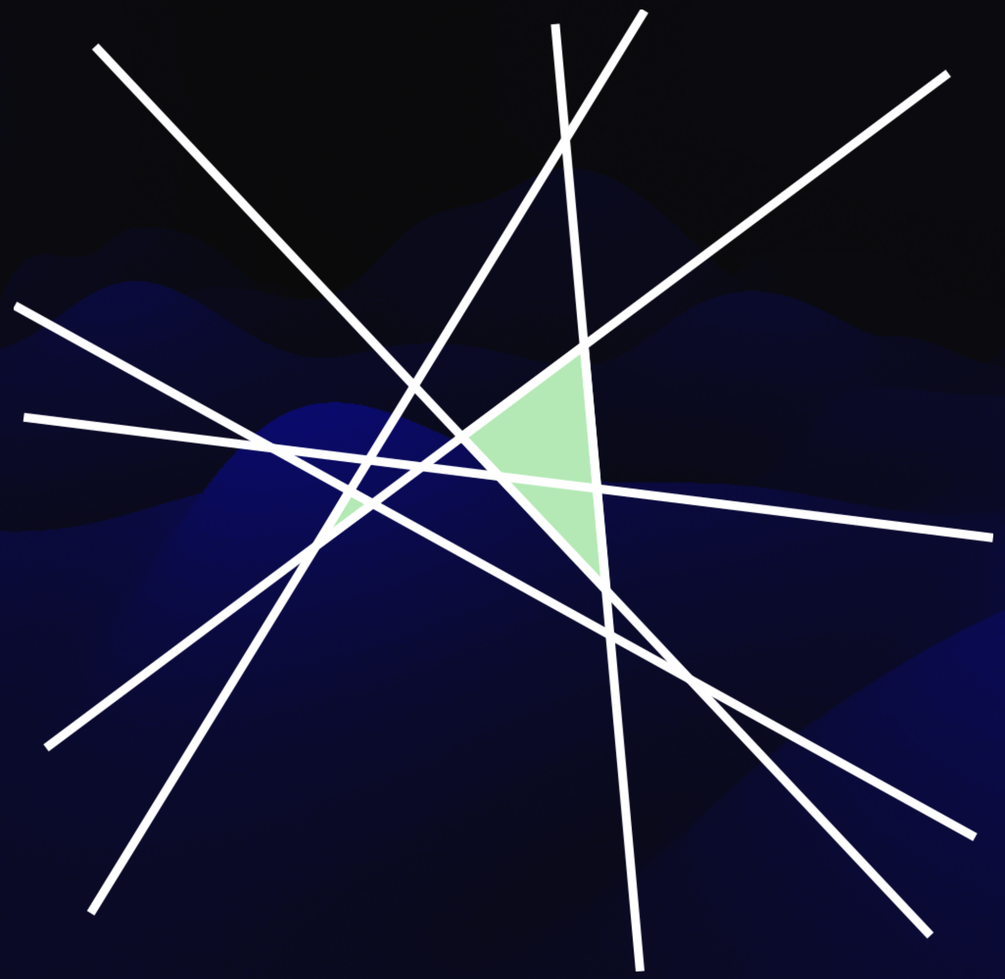


Can’t have 2 knights on the same number!



6 Lines. How many triangles?



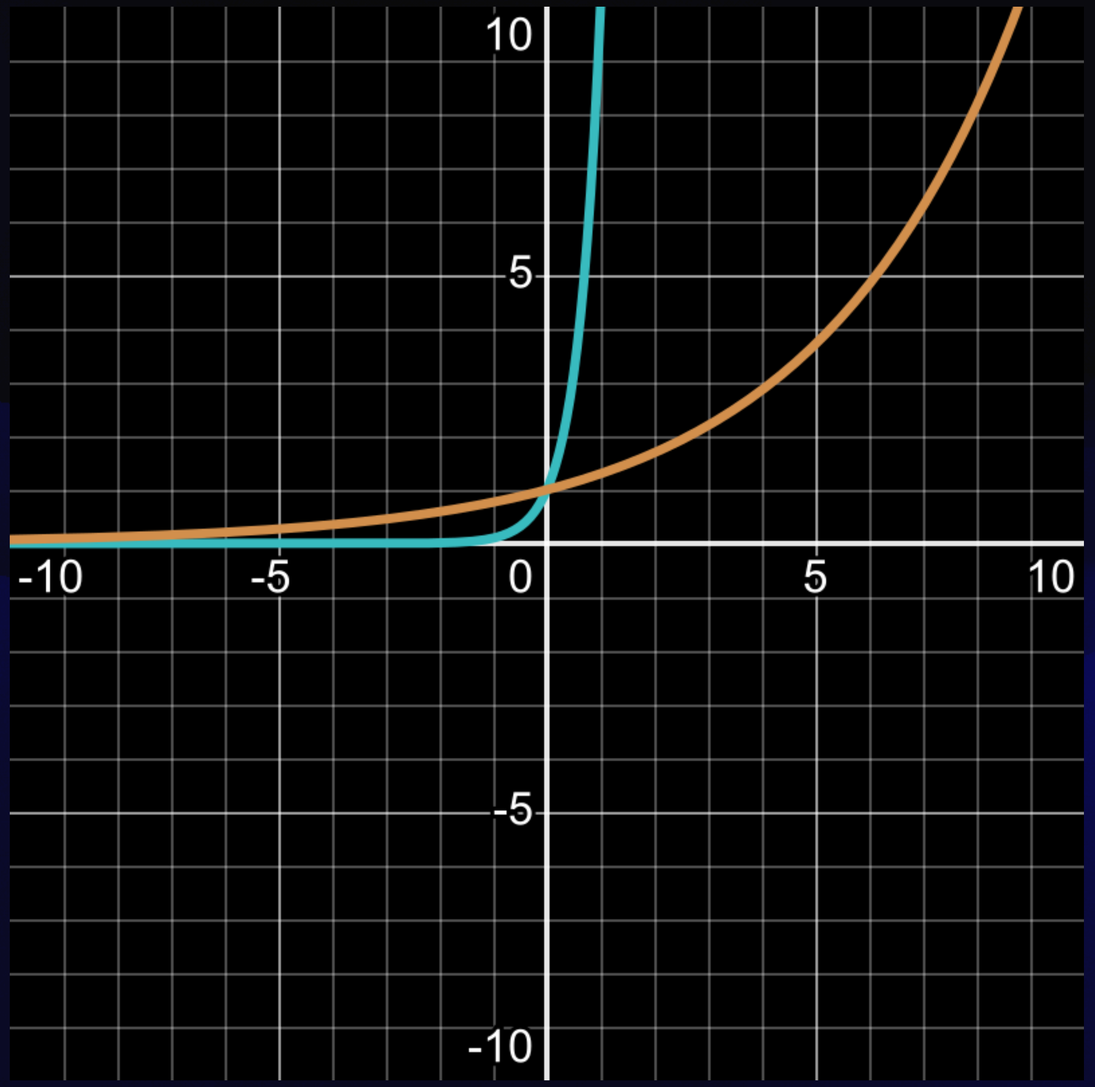


Every 3 lines → triangle

6 ways to pick 1st line
5 ways to pick 2nd line
4 ways to pick 3rd line

$$\frac{6 \times 5 \times 4}{6}$$

WeChat

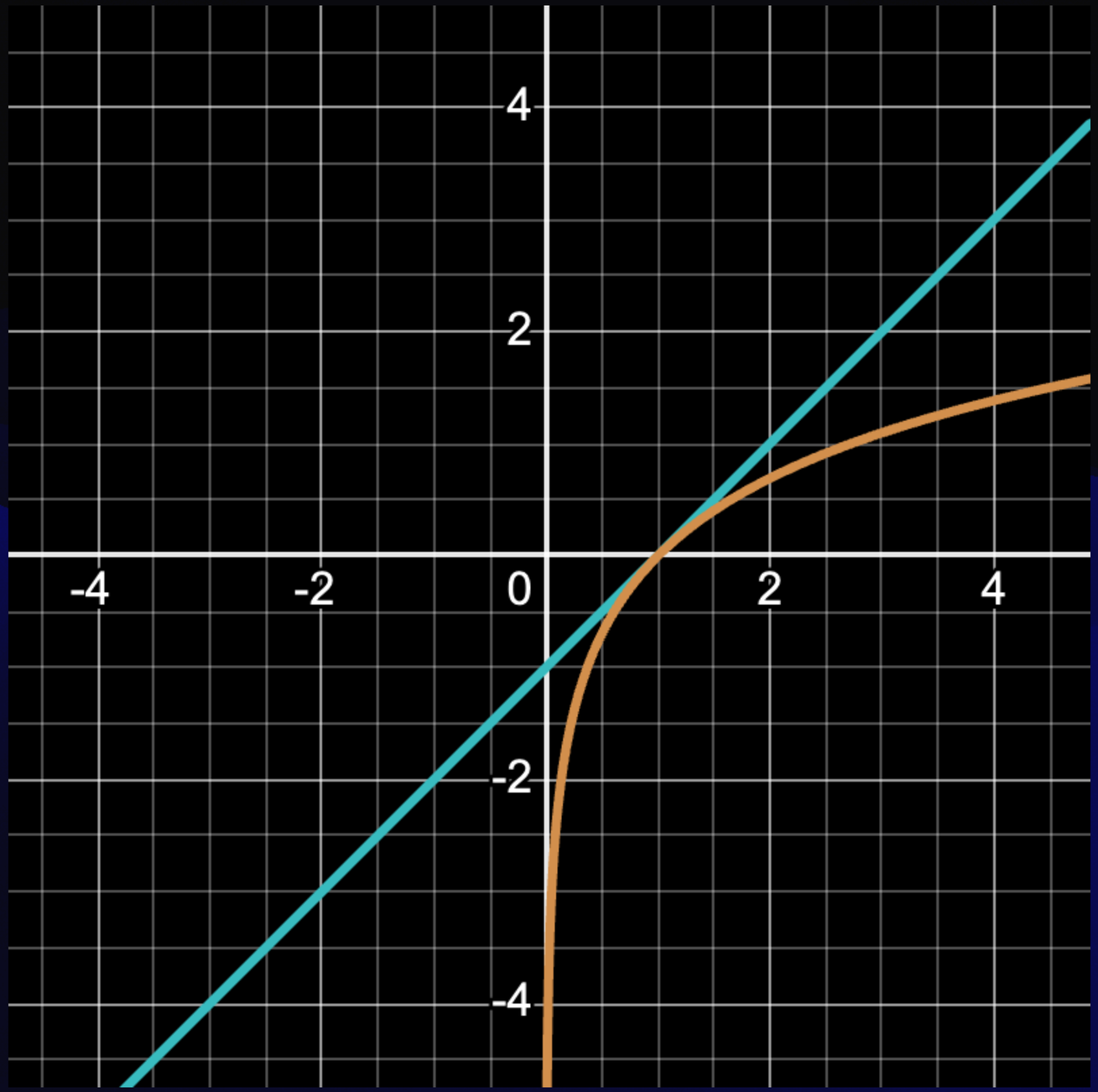


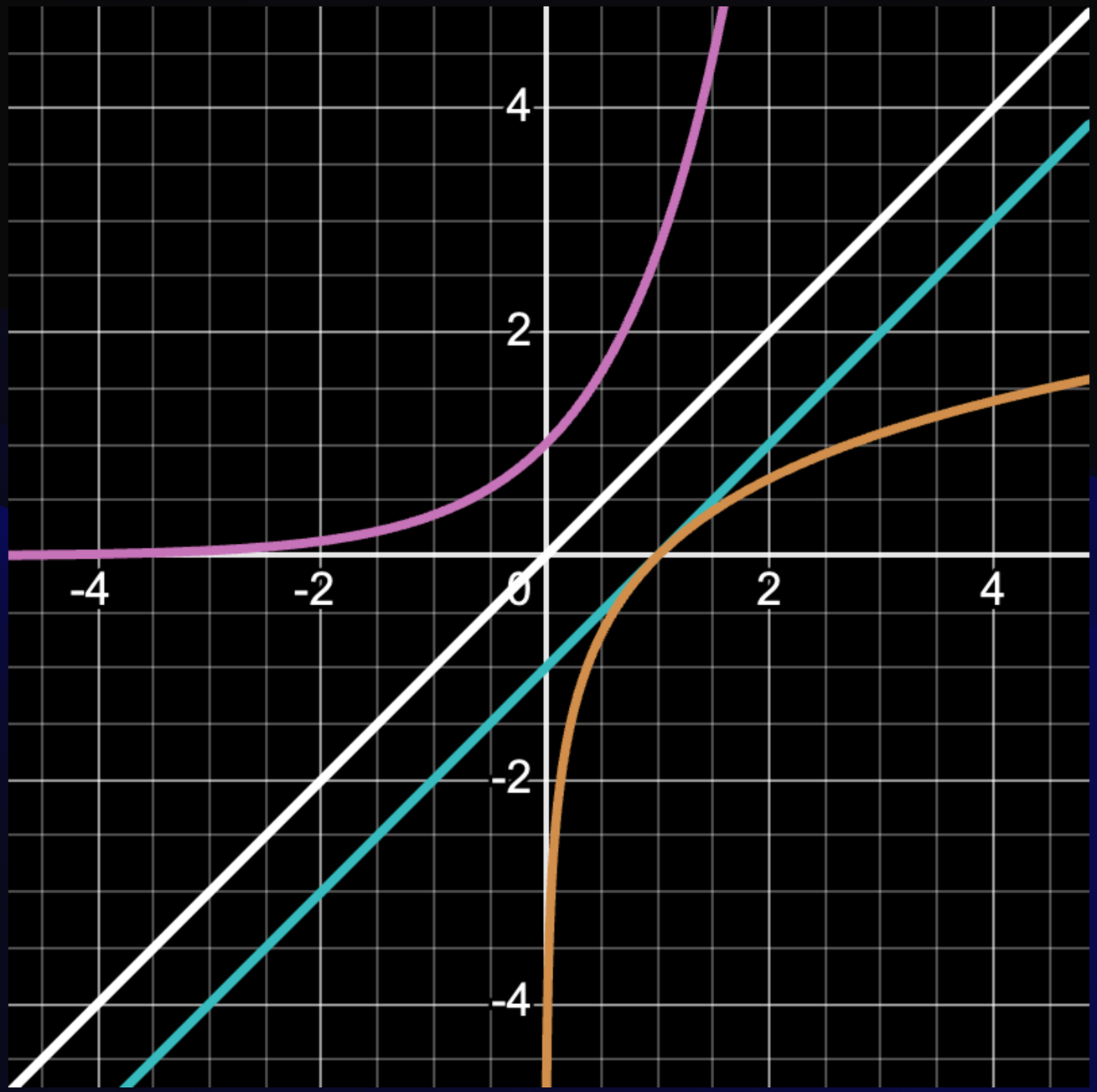
e :

base of exponent
which makes
tangent at *y*-axis
have slope 1

$$\left(1+\frac{1}{n}\right)^n = e^{n\log(1+\frac{1}{n})}$$

$$n\log\left(1+\frac{1}{n}\right) = \frac{\log(1+\frac{1}{n})-\log(1)}{(1+\frac{1}{n})-(1)}$$


4
2
-4
-2
0
2
4
-2
-4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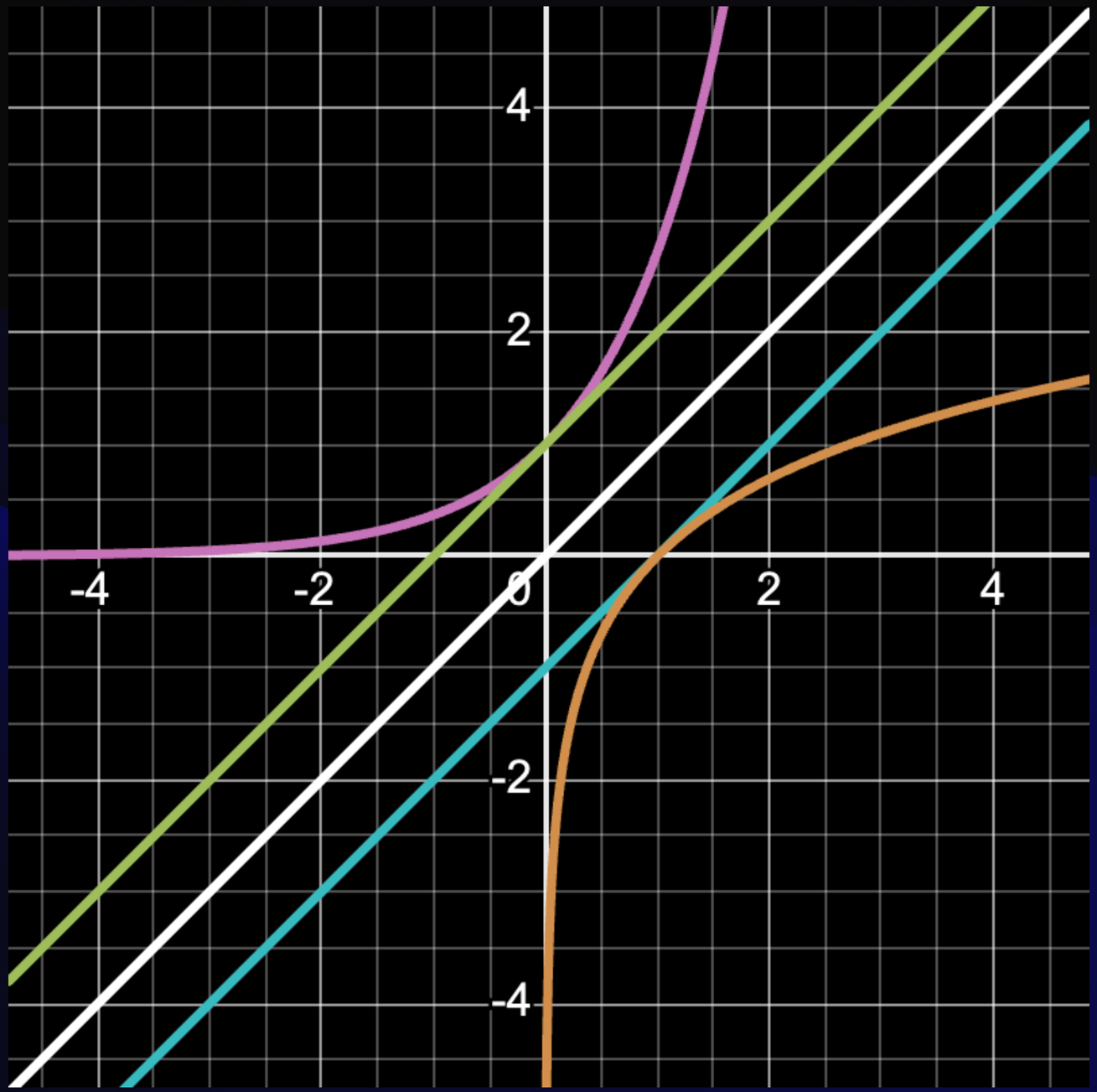
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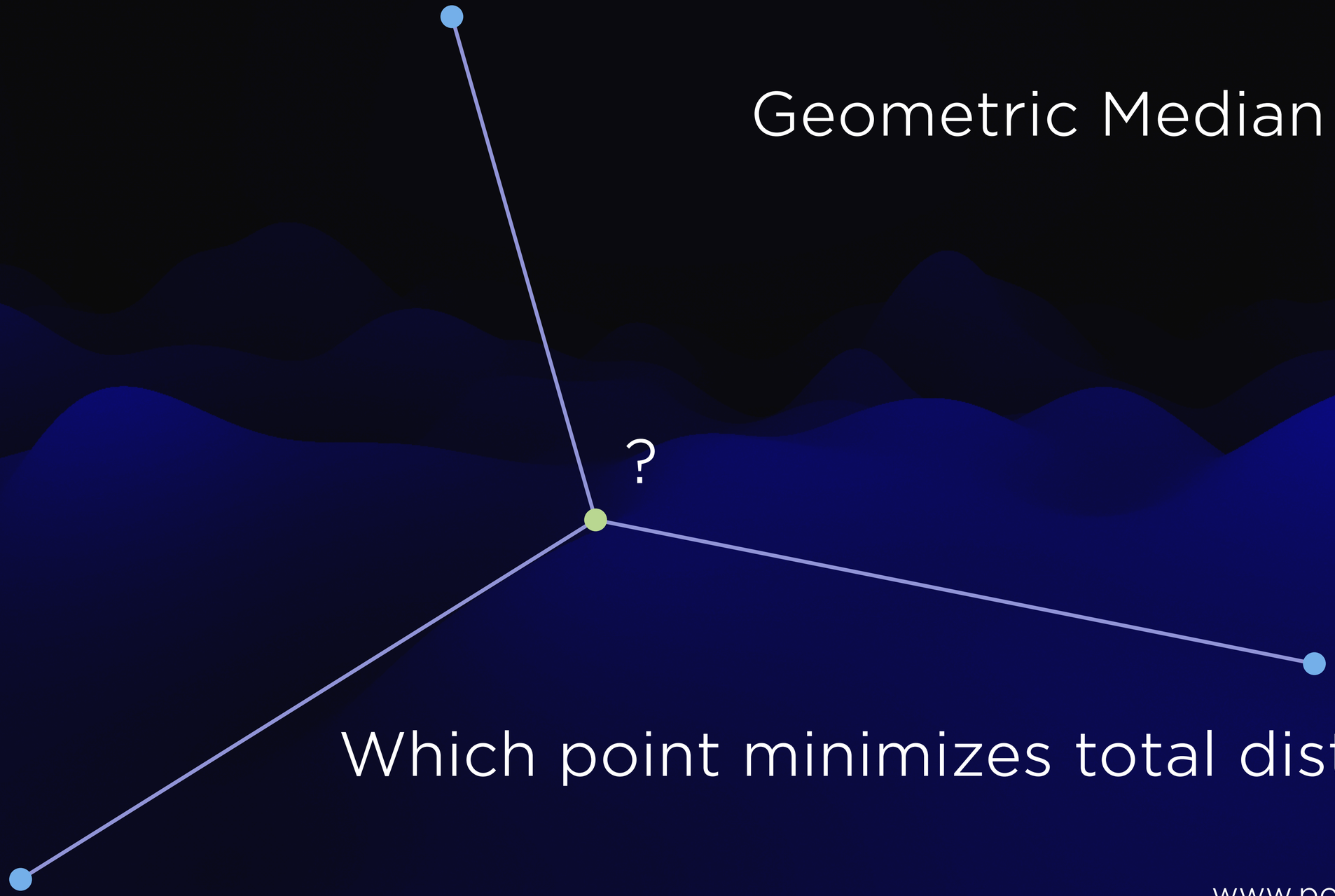
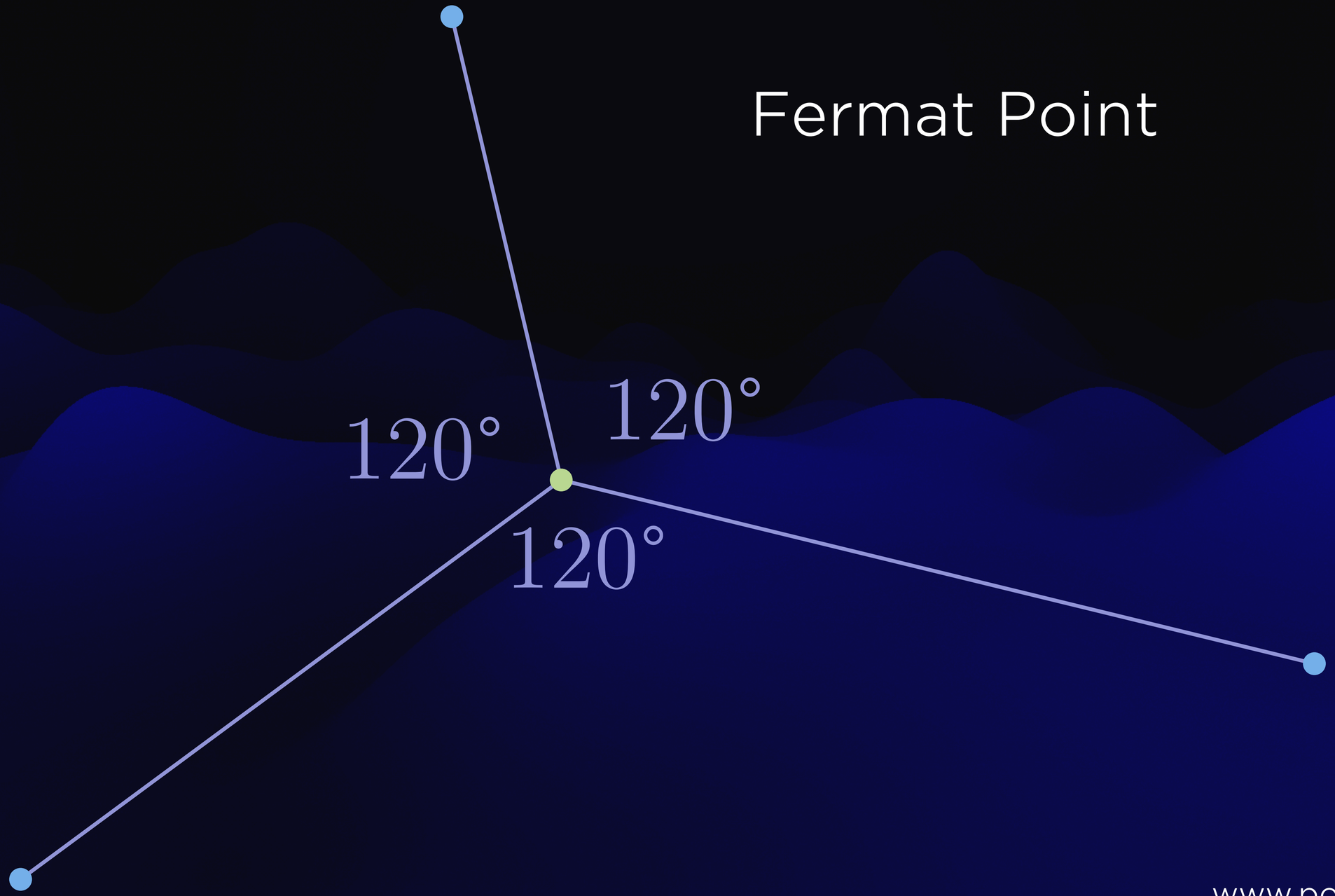
Geometric Median

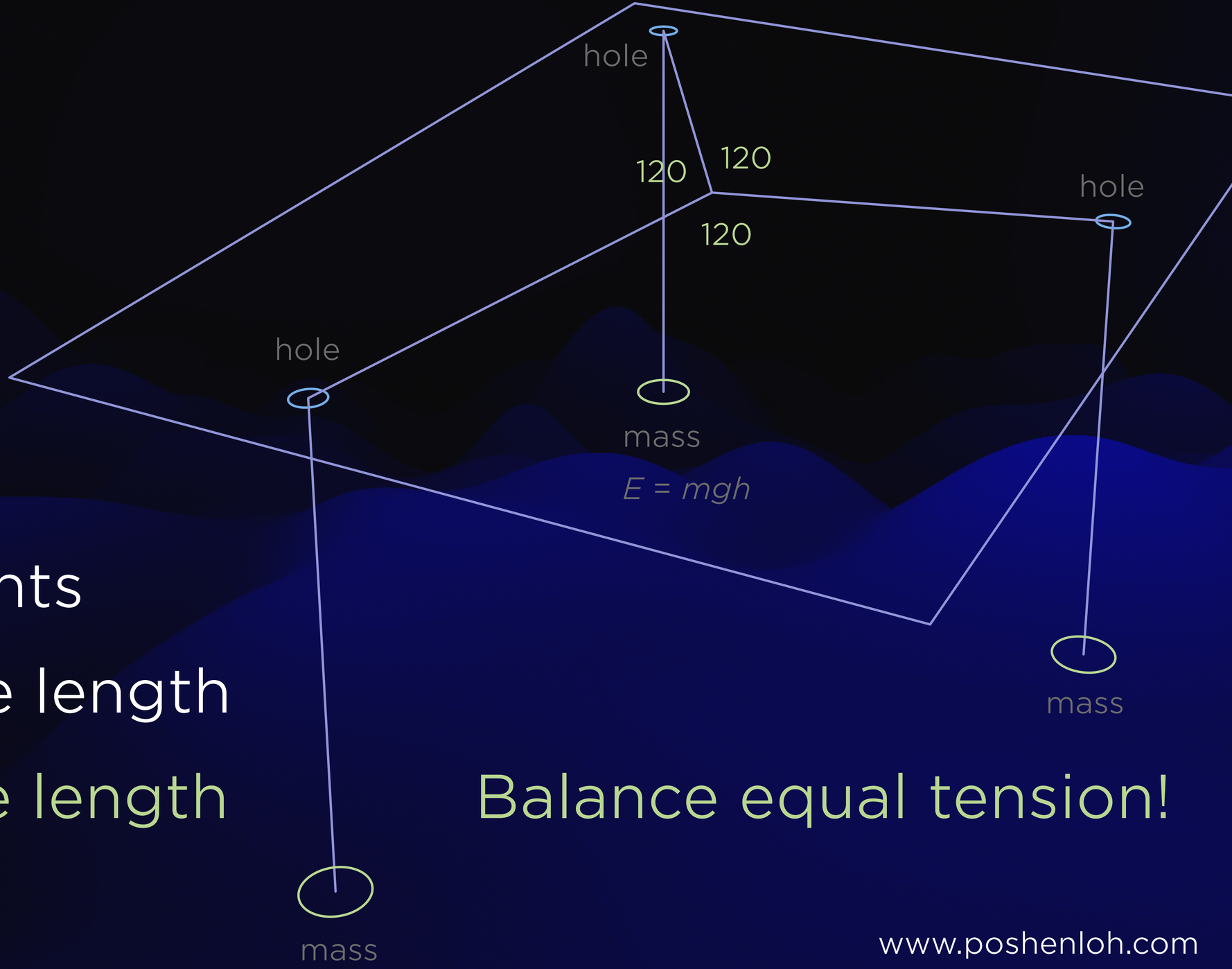


Which point minimizes total distance?

Fermat Point



Equilibrium?



Min energy

Min sum of heights

Max total dangle length

Min total surface length

Balance equal tension!