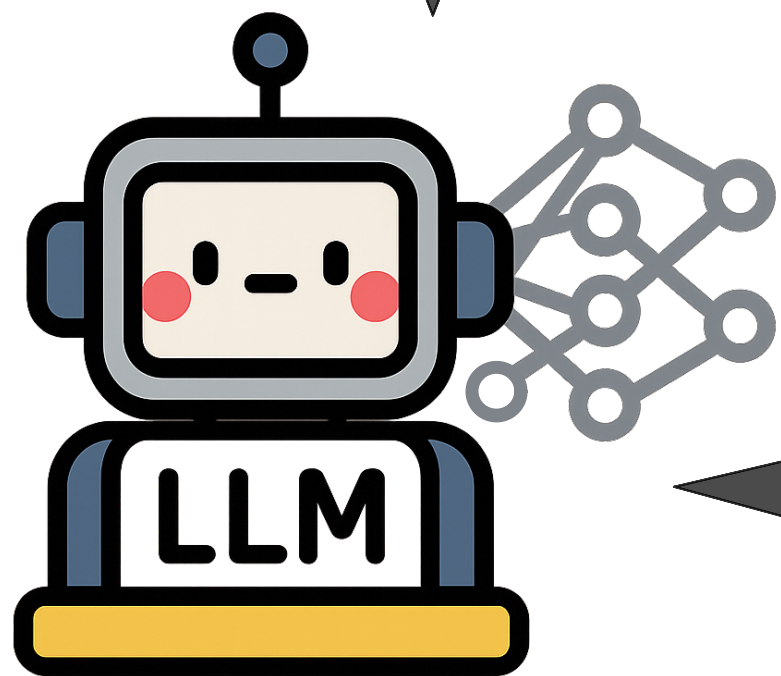**Prompt**

What is the degree measure of the acute angle formed by lines with slopes 2 and 1/3?

i = 1
To find the acute angle between two lines, we can use the formula $\tan\theta = |(s_2 - s_1)/(1 + s_2 \cdot s_1)|$

...so the final answer is 45°

728 tokens

i = 2
Let me recall the trick to solve this problem type. Start by checking intersection...

...we finally have arctan(2)≈63°

644 tokens

i = N
Here is a concise way to find the angle...

...and we easily obtain the result: 45°

417 tokens

sample optimal length

Reward

$R_1 = 0.6$

$R_2 = -0.3$

$R_N = 1.0$

GRPO

LLM