The AI Future of Math, Logic, and Humanity

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- Assume a future where AI does (human-level) math, but 1M times faster. What we be the short/long-term consequences?
 - Will the demand for human mathematicians increase or decrease?
 - Will this translate to a similar effect in math-heavy sciences (e.g. physics, computer science)?
 - ▶ How fast will we reach the singularity?



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 - How far can we approximate undecidable questions?
 - How far can we approximate complex algorithms and reasoning?
 - ► How well can we emulate computationally expensive algorithms?



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 - Is this an inference problem or a modelling problem?
 - What are the effects on society and how can we manage them?

