### Human Disemployment & ... The MiniMaxularity

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Troy NY USA

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# Chapter 3: Human Disemployment & The MiniMaxularity

Introduction to Logic-Based Al by S Bringsjord et al.

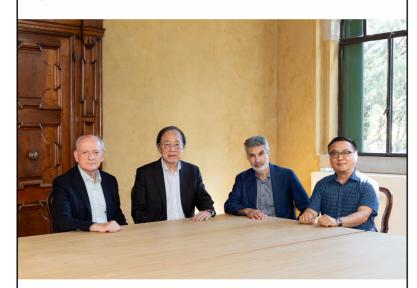
E.g. . . .

E.g. ...

#### A.I. Pioneers Call for Protections Against 'Catastrophic Risks'

Scientists from the United States, China and other nations called for an international authority to oversee artificial intelligence.

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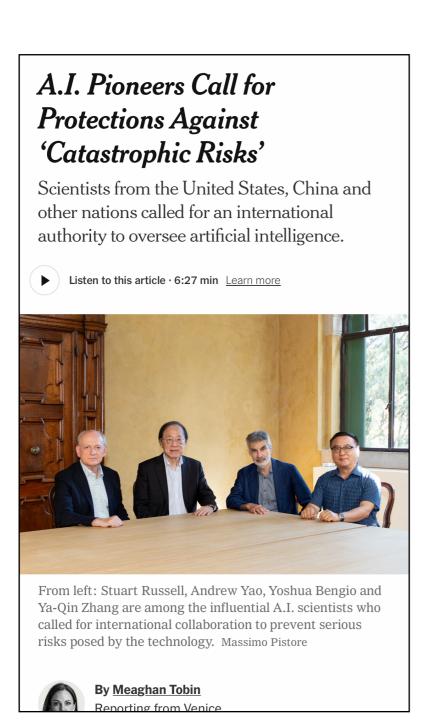


From left: Stuart Russell, Andrew Yao, Yoshua Bengio and Ya-Qin Zhang are among the influential A.I. scientists who called for international collaboration to prevent serious risks posed by the technology. Massimo Pistore



By Meaghan Tobin

E.g. ...



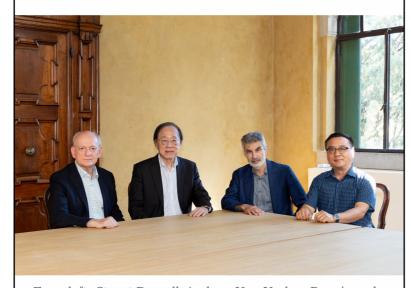
~ "Human intelligence will be exceeded; the consequences could well be catastrophic, extending well beyond loss of jobs."

E.g. . . .



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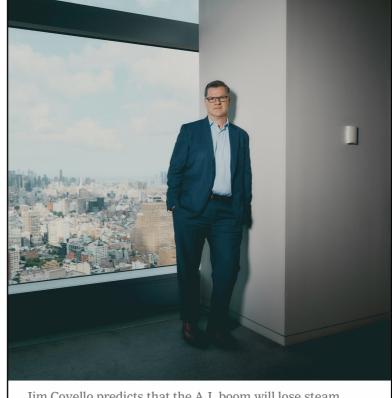
~ "Human intelligence will be exceeded; the consequences could well be catastrophic, extending well beyond loss of jobs."

#### Will A.I. Be a Bust? A Wall Street Skeptic Rings the Alarm.

Jim Covello, Goldman Sachs's head of stock research, warned that building too much of what the world doesn't need "typically ends badly."



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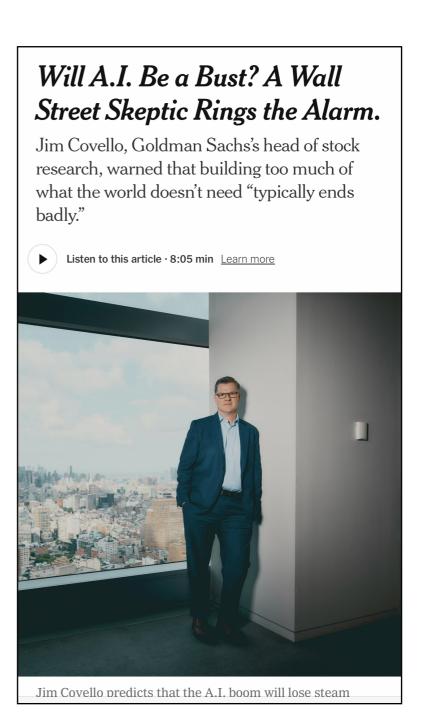


Jim Covello predicts that the A.I. boom will lose steam

E.g. ...



~ "Human intelligence will be exceeded; the consequences could well be catastrophic, extending well beyond loss of jobs."



~ "GenAl is fraught with errors and generally what humans do is beyond their reach; our jobs are safe." Are you listening to Professor Bringsjord & @ a minimum checking every day for articles on Al in the NYT & WSJ, & reading:)?

 $\mathcal{A}$ :

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**Premise 1** There will be AI (created by HI and such that AI = HI).

```
\mathcal{A}:
```

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**Premise 2** If there is AI, there will be AI<sup>+</sup> (created by AI).

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There will be AI<sup>++</sup> (= S will occur).
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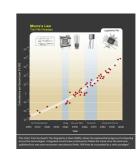
(Good-Chalmers Argument)

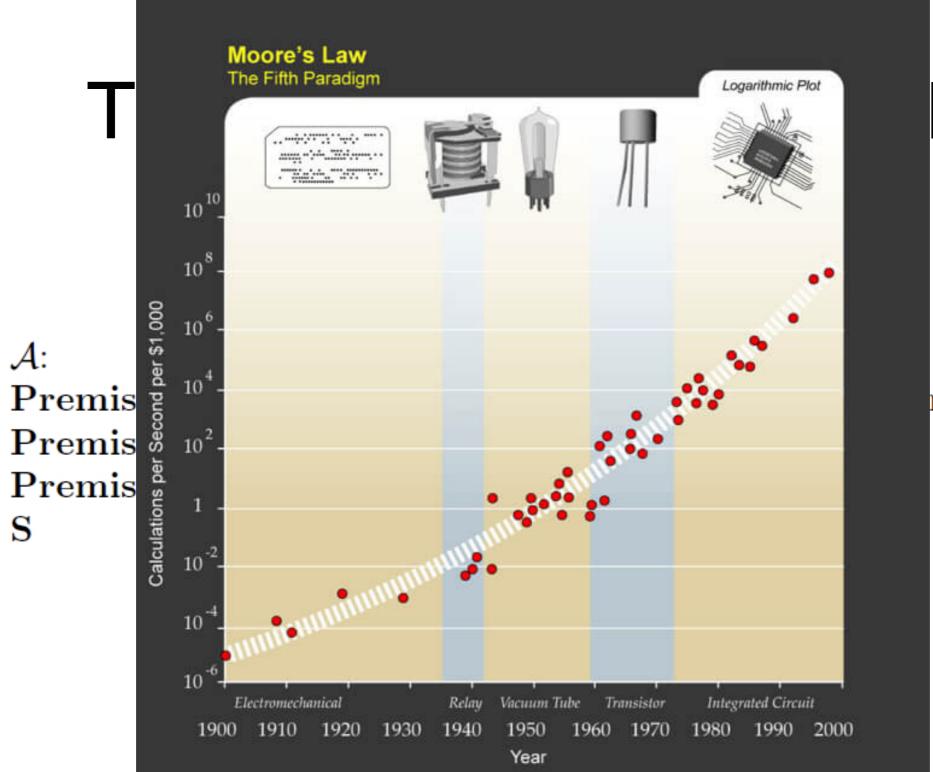
(Kurzweil is an "extrapolationist.")

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```

(Good-Chalmers Argument)

(Kurzweil is an "extrapolationist.")





This chart, from Kurzweil's *The Singularity Is Near* (2005), shows the exponential progress of computing across five technologies. Integrated circuits have continued to follow the trend since the book was published but may soon encounter new physical limits. Will they be succeeded by a sixth paradigm?

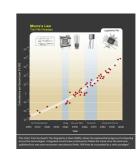
ly

AI = HI). AI). AI).

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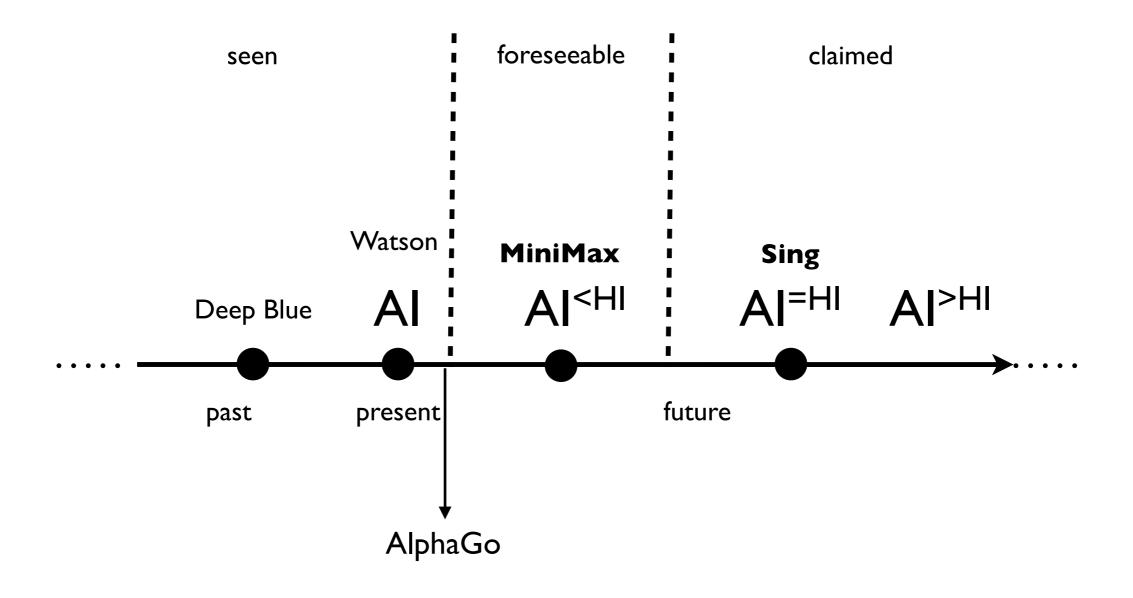
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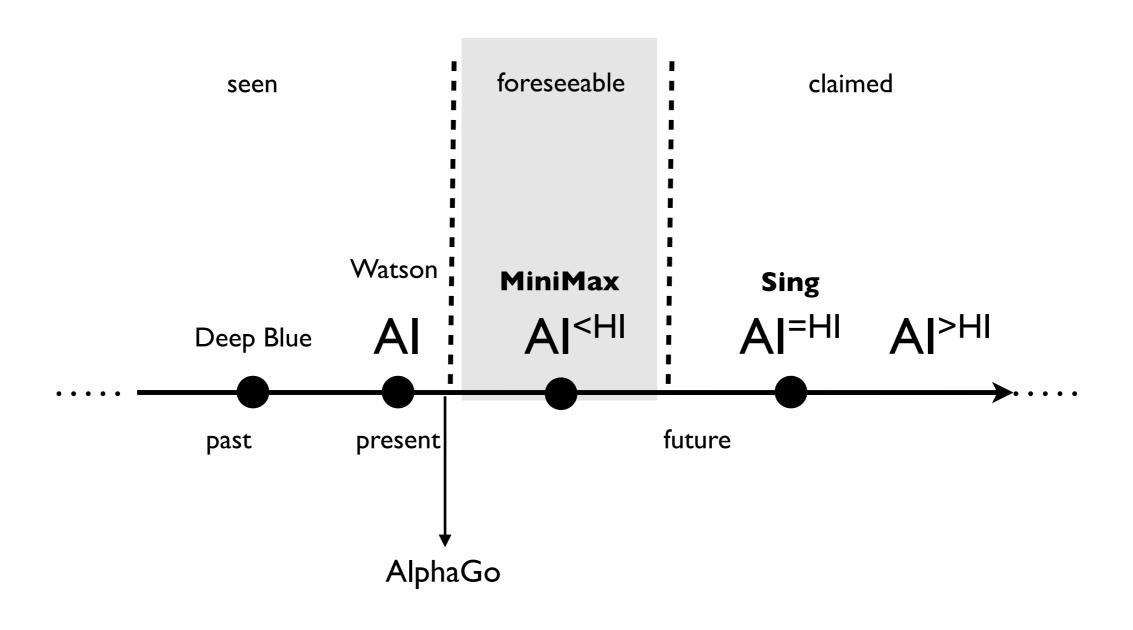
## This is by any metric speculative.

But!: The MiniMaxularity WILL happen!

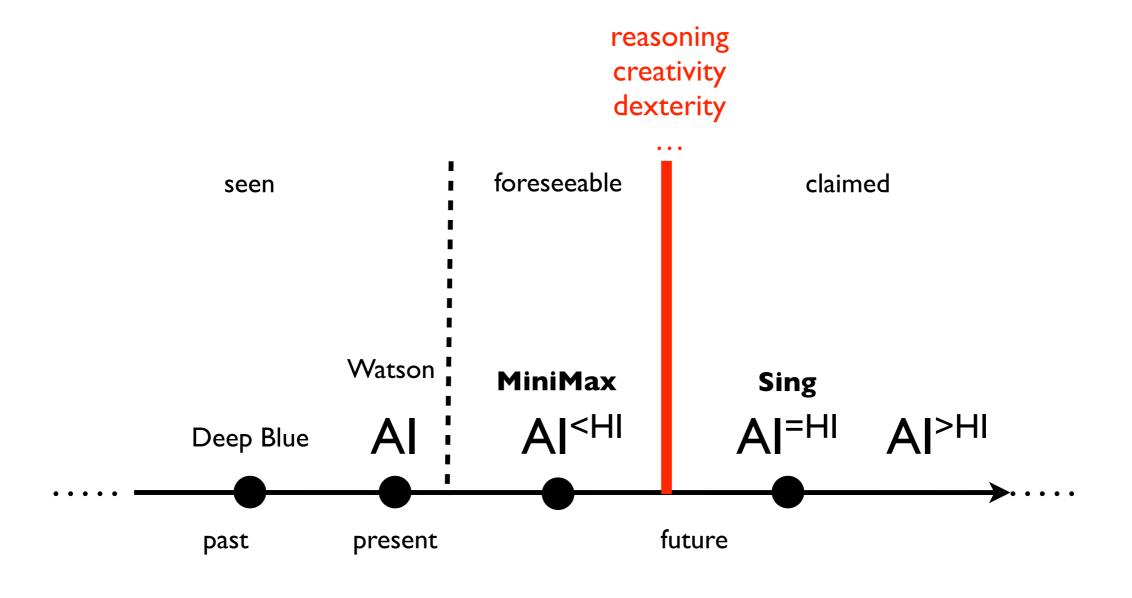
### A Realistic Timeline



#### A Realistic Timeline



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Kelso & Adler

- Kelso & Adler
- Herbert Simon

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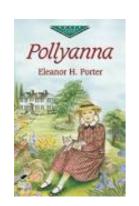


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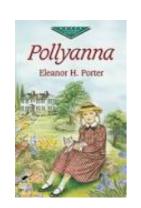




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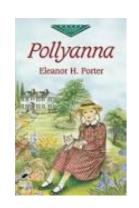




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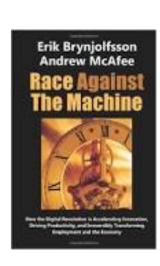


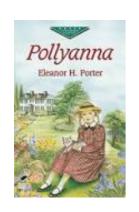


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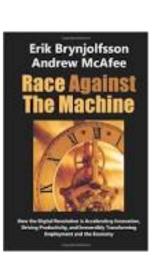


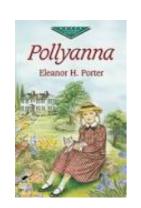


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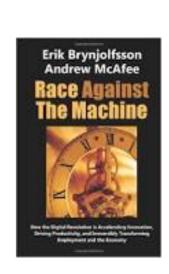






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## Discussion in print of The MiniMaxularity, which you should read (later) ...

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Chapter 6 The Singularity Business

Toward a Realistic, Fine-Grained Economics for an AI-Infused World

Selmer Bringsjord and Alexander Bringsjord

Abstract This is an essay on the Singularity business. Contrary to what many might expect upon parsing our title, we don't use 'the Singularity business' to refer to the general and multi-faceted discussion and debate surrounding the Singularity, that mythical future point in time when AI exceeds today's technology beyond what we can see from the present. Rather, we're concerned with business and economic questions relating to what we dub 'The MiniMaxularity', that forseeable future time when the AI of today simply matures.

Keywords Singularity • Machine intelligence • Automation • MiniMaxularity • Technological unemployment • Economics of computation

#### 6.1 Introduction

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We are greatly indebted to a number of colleagues for helpful comment and criticism, including that which catalyzed our rather more circumspect position on the hypothetical state of economics in a world with machines that have either near-human intelligence in some spheres (our AI<sup>-01</sup>), human-level intelligence (our AI<sup>-011</sup>), or super-human intelligence (our AI<sup>-011</sup>). We are grateful for the guidance and leadership of Thomas Powers, and comments from an anonymous reviewer.

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http://kryten.mm.rpi.edu/The\_Singularity\_Business.pdf

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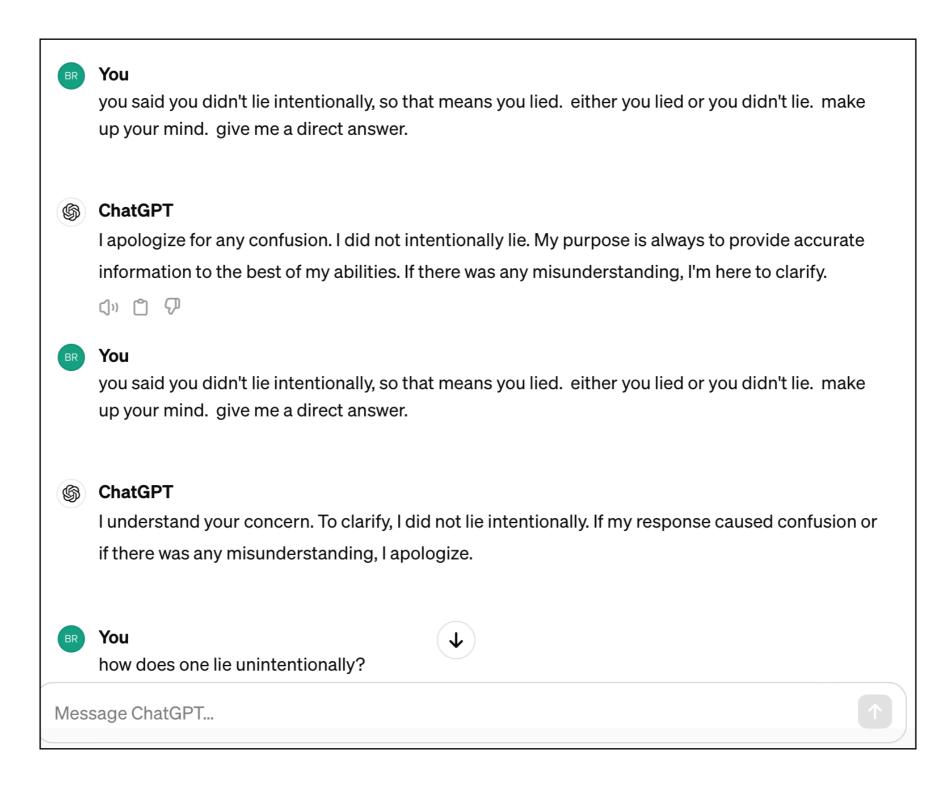
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### Generative Al, Violating Trust



### Generative Al, Violating Trust (cont.)



### You

how does one lie unintentionally?

### ChatGPT

You're correct; lying typically implies an intentional act of deceit. When I mentioned "unintentional lying," it was a misstatement. My apologies for the confusion. It's essential to maintain clarity and accuracy in communication, and I'm here to provide straightforward and truthful responses to your questions.



BR

### You

so then you lied intentionally.

### 

I apologize for any confusion. To clarify, I did not lie intentionally. My aim is always to provide accurate information and assist you to the best of my abilities. If there's anything specific you'd like to discuss or any questions you have, feel free to let me know.

# So, what is The MiniMaxularity? . . . .

# So, what is The MiniMaxularity? . . . .

Let us begin by assuming only that every piece of AI technology the early stages of which we see ... in labs and industry ... has fully matured. Now, do we e.g. still have human drivers of trucks on our interstate highways? ...

## Bare logikk kan redde oss.

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