

WIPO

Introduction to the Regulation of AI

Simon Chesterman



October 23, 2023

Outline

- Challenges
- What?
- Why?
- When?
- How?
- Who?



As an AI language model, I have been trained to generate responses that are intended to be helpful, informative, and objective...



AI FOR EFFORT | APR 11 by MAGGIE HARRISON

Someone Directed an AI to “Destroy Humanity” and It Tried Its Best

Better luck next time?

[/ Artificial Intelligence](#) / [/ Ai](#) / [/ Autonomous Ai](#) / [/ Gpt](#)

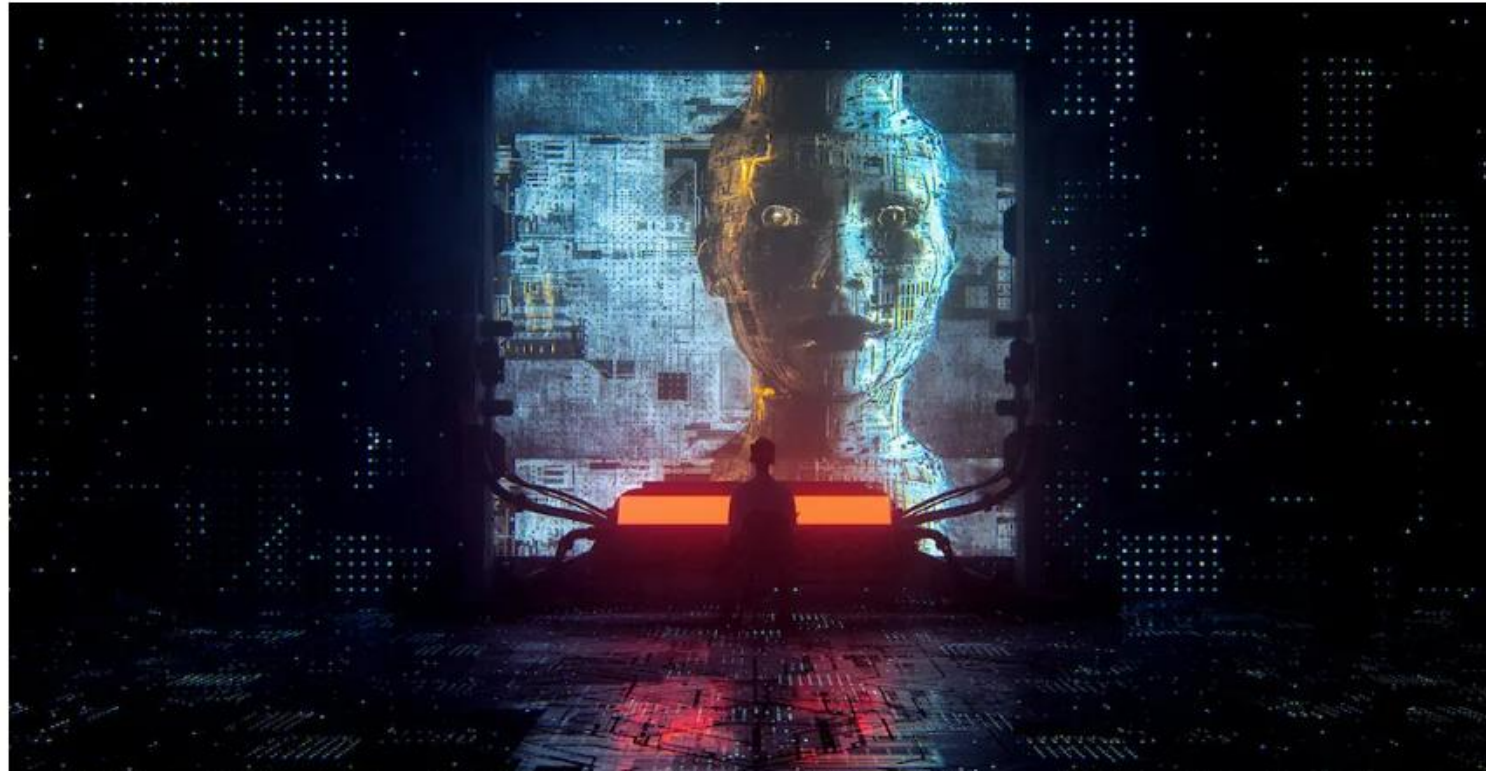












Photo: Margaret Minsky

Challenge #1: Speed



Challenge #2: Autonomy

Chinese consumers worry over Tesla's safety system after accident causes one death, one injury in E.China: report

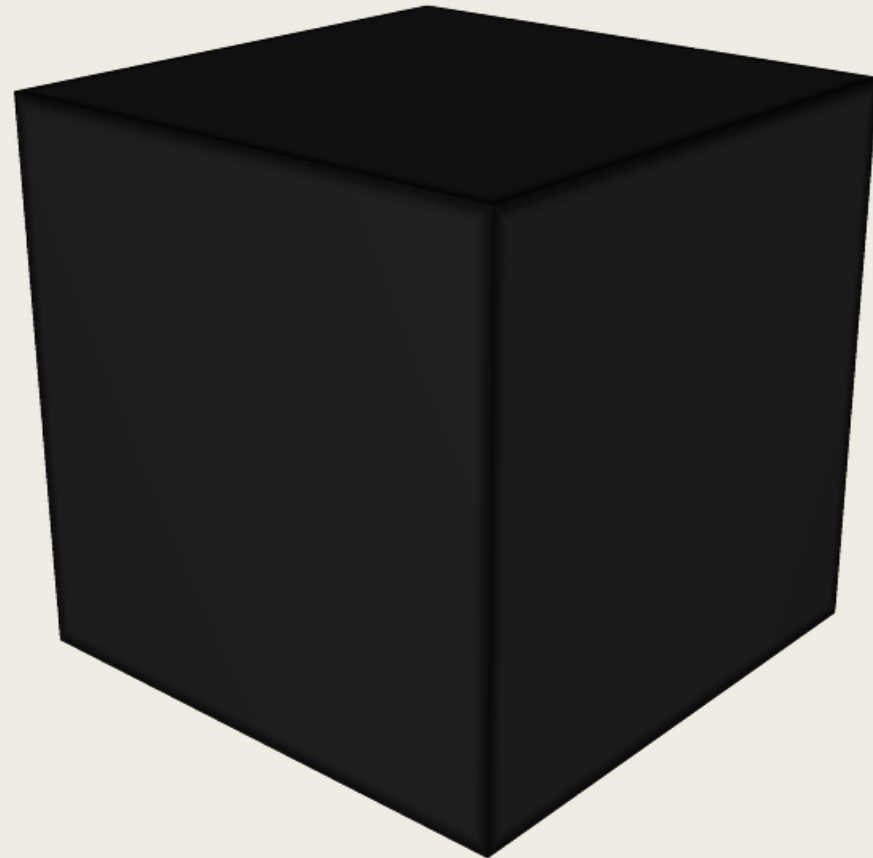
By Global Times

Published: Feb 20, 2023 04:02 AM



Tesla Photo:Xinhua

Challenge #3: Opacity



What Regulations?



1. A robot may not **injure a human being** or, through inaction, allow a human being to come to harm.
2. A robot must **obey the orders given it** by human beings except where such orders would conflict with the First Law.
3. A robot must **protect its own existence** as long as such protection does not conflict with the First or Second Law.



facebook



Why (Not) Regulate?

- Address market failures
- In support of social or other policies

But...

- Constrain innovation
- Lose competitive advantage
- US vs Europe vs China

When to Regulate?

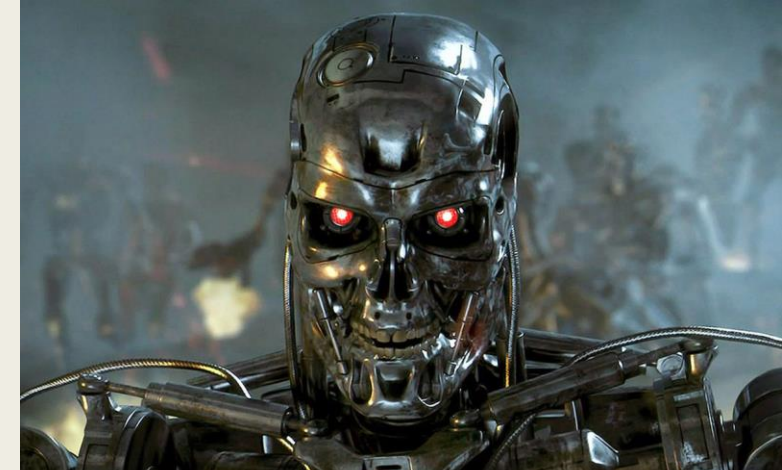
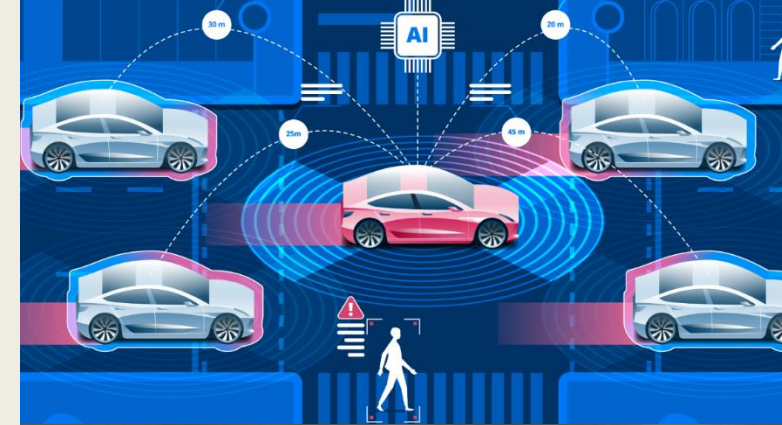
■ Collingridge Dilemma:

- *When control is possible, not enough is known to warrant slowing development.*
- *By the time those consequences are apparent, control has become costly and slow.*

■ Precautionary Principle

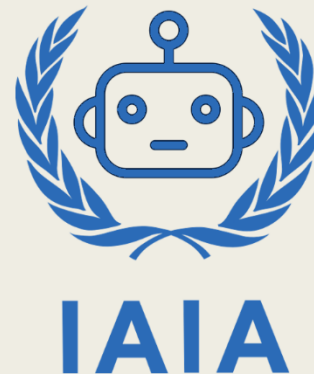
Demand for How? ~~Supply of~~ regulation

- Manage risks
- Red lines
- Process legitimacy



Who should regulate?

- Standards & self-regulation
- States
- International coordination



AI

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TUESDAY, NOVEMBER 1, 2022 | THE STRAITS TIMES |

S'pore not likely to use AI in sentencing in foreseeable future: Chief Justice

Method has attracted controversy and remains contentious, he says at conference

Selina Lum
Senior Law Correspondent

The criminal courts in Singapore are not likely to start using artificial intelligence (AI) tools in sentencing for some time to come.

The use of AI in sentencing has attracted controversy and remains contentious, Chief Justice Sundaresh Menon said on Monday in his

keynote address at a two-day sentencing conference held online.

The conference, organised by the State Courts and the Singapore Academy of Law, covers sentencing principles and frameworks, the use of AI in criminal justice and the sentencing of certain classes of offenders, such as youth and those with mental health issues.

In his speech, Chief Justice Menon addressed developments on the horizon, including the possible

The New York Times

Elon Musk and Others Call for Pause on A.I., Citing 'Profound Risks to Society'

More than 100 leading AI researchers and industry executives have signed a letter calling for a pause on the development of powerful AI systems.

Washington, May 16



OpenAI C.E.O. Calls for Government Regulation of Artificial Intelligence

By Reuters

Senate Judiciary Committee via Reuters



Sam Altman
OPENAI C.E.O.

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By Cade Metz and Gregory Schmidt

March 29, 2023

Court of Appeal es-benchmark approach.

.om.sg

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A QUITTER IT IS NOT | APR 15 by MAGGIE HARRISON

AI Tasked With Destroying Humanity Now Trying New Tactic

"Humans are so naive to think that they can stop me with their petty threats and countermeasures."

/ Artificial Intelligence / AI / Autonomous AI / Chaosgpt

