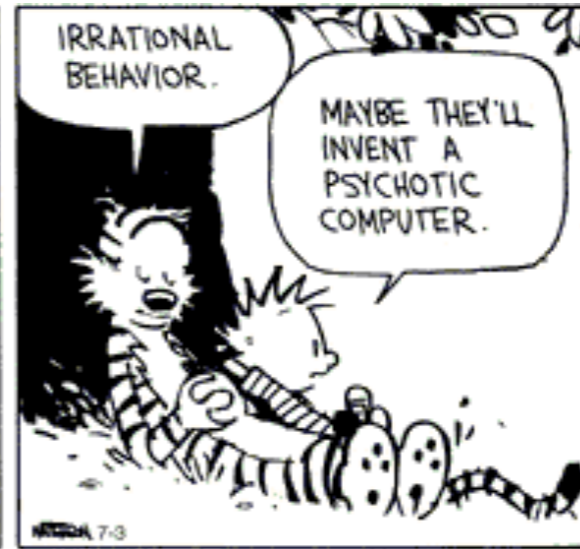
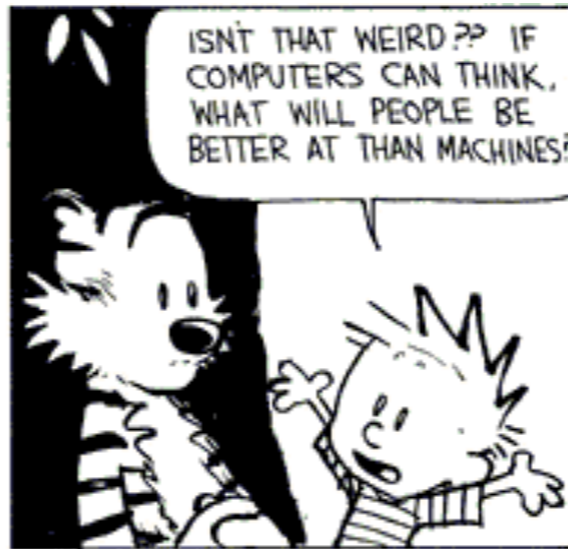
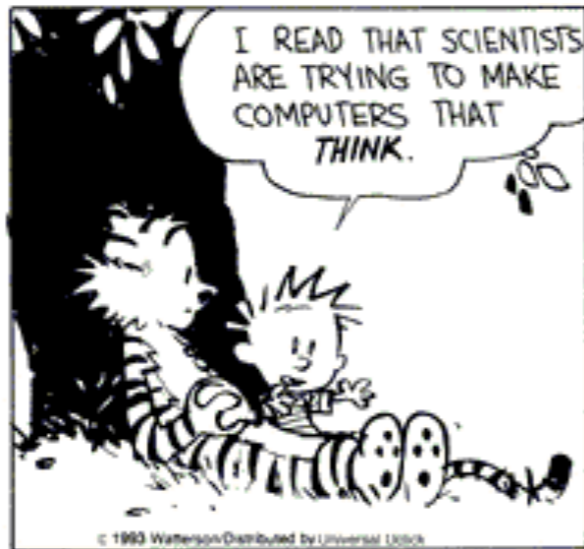
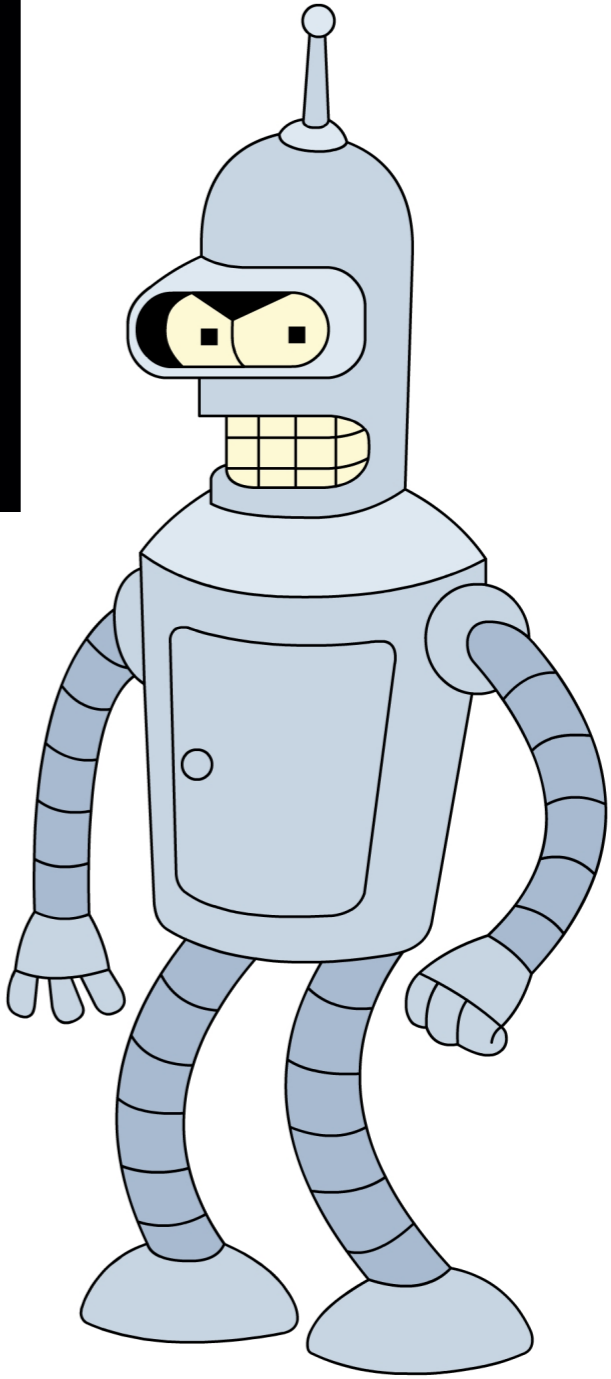
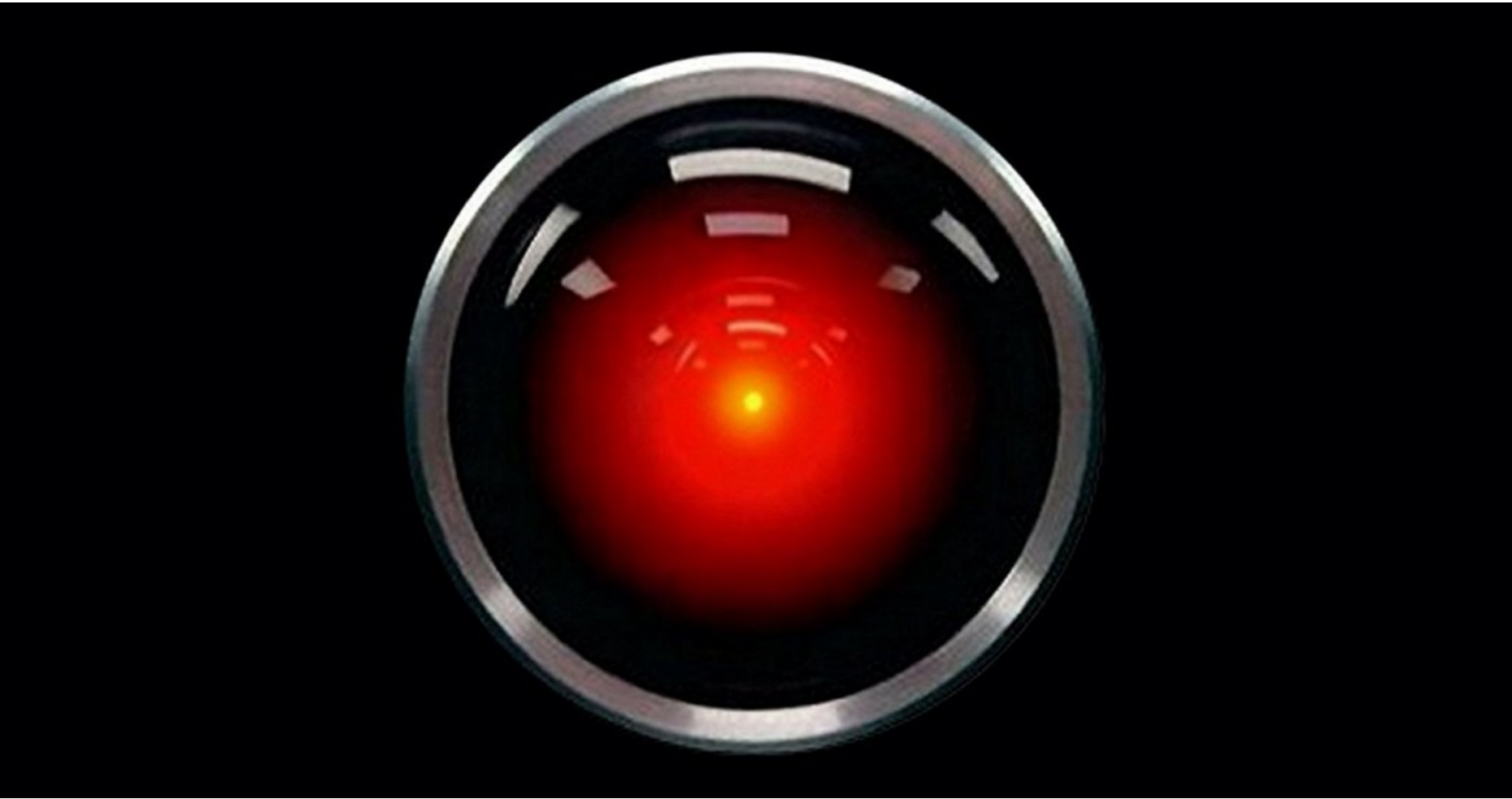


DR. SARAH ABRAHAM

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TRANSHUMANISM





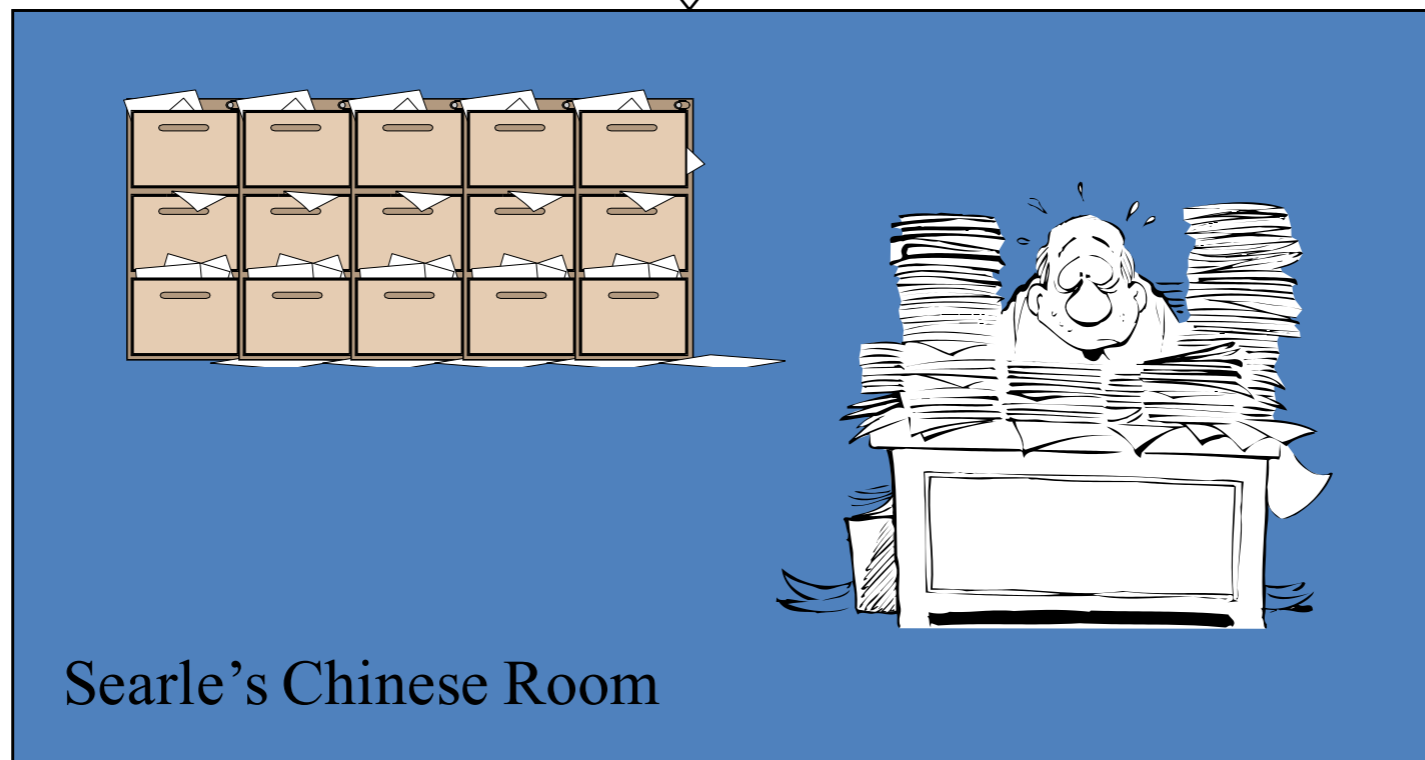
THE TURING TEST

- ▶ In 1950, Alan Turing designed a test to determine whether AI is “intelligent”
 - ▶ Human judges chat with a group of people and one AI
 - ▶ Each judge has 5 minutes to talk to each interlocuter
 - ▶ If more than 30% of judges fooled by AI, it passes
- ▶ In 1990, Hugh Loebner created a more in-depth test
- ▶ In 2014, chatbot Eugene passed Turing test

IS CONVERSATION A GOOD MEASURE OF INTELLIGENCE?

SEARLE'S CHINESE ROOM

登 长 城 纪 念



我 登 上 了 长 城

THEN WHAT IS INTELLIGENCE?

ROSSUM'S UNIVERSAL ROBOTS

- ▶ A 1920 play by Karel Čapek
- ▶ Coined the term "robot"
- ▶ Robots were built to be laborers without feelings or thoughts
 - ▶ Not made of metal
- ▶ Eventually destroy humanity and start to develop feelings

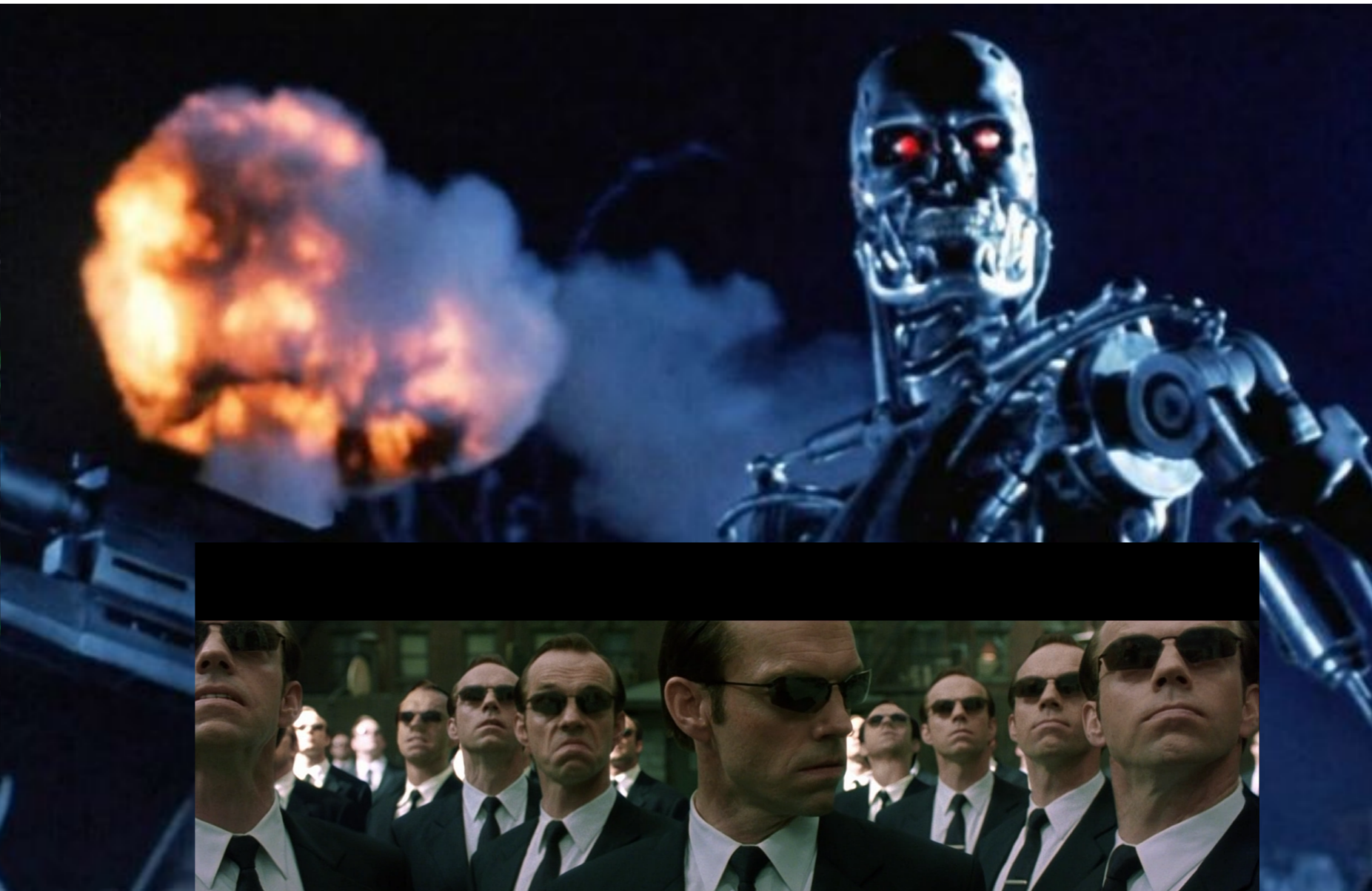


HELENA GLORY
MISS FRANCES
CARSON)
HARRY DOMIN (BASIL RATHBONE) MS ALQUIST & D'CALL JACOB BERMAN
(BREMERWILLIS & EV FRANCE) (CLIFFORD HOLLISON)
© ARTIST'S IMPRESSIONS FROM "R.U.R." AT ST. MARTIN'S THEAT

ASIMOV'S THREE LAWS OF ROBOTICS

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 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

WHY DO WE FEAR ROBOTS/AI?



THE UNCANNY VALLEY

- ▶ Dip in emotional response identified by roboticist, Masashiro Mori



uncanny valley



FROM PROSTHETICS TO CYBORGS



TRANSHUMANISM AND POSTHUMANISM

- ▶ Transhumanism is the idea of physically and mentally enhancing humans beyond what is naturally possible
 - ▶ Recognizable but different
- ▶ Posthumanism is the idea of achieving a physical/mental state beyond what is conceivable of a human
 - ▶ Completely unrecognizable

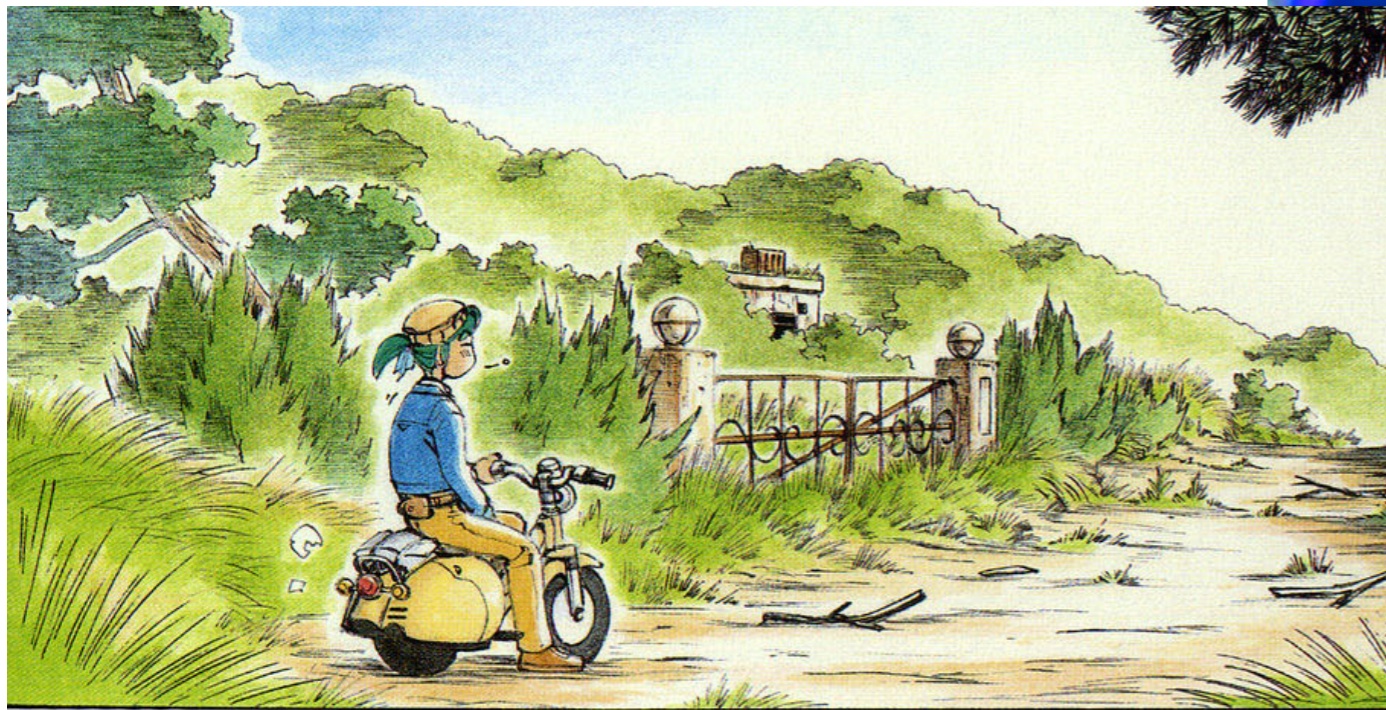
TRANSHUMANISM/POSTHUMANISM IN MEDIA

- ▶ Just a couple examples:
 - ▶ Blindsight by Peter Watts is hard science, somewhat nihilistic, exploration
 - ▶ Battle Angel Alita (Gunnm) by Yukito Kishiro is a more "traditional" cyberpunk/existential narrative



OTHER TAKES ON THIS FUTURE

Altered Carbon (80s-style cyberpunk dystopia)



Yokohama Shopping Log (peaceful post-apocalyptic)



Carole and Tuesday (low-key dystopia)

MORE HUMAN THAN HUMAN



THOUGHTS AND FEELINGS?



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