VISIONS OF THE FUTURE

SANDUN BAMBARANDAGE
MEME CHAIR
INTERFACE

CLAIRVOYANCE!

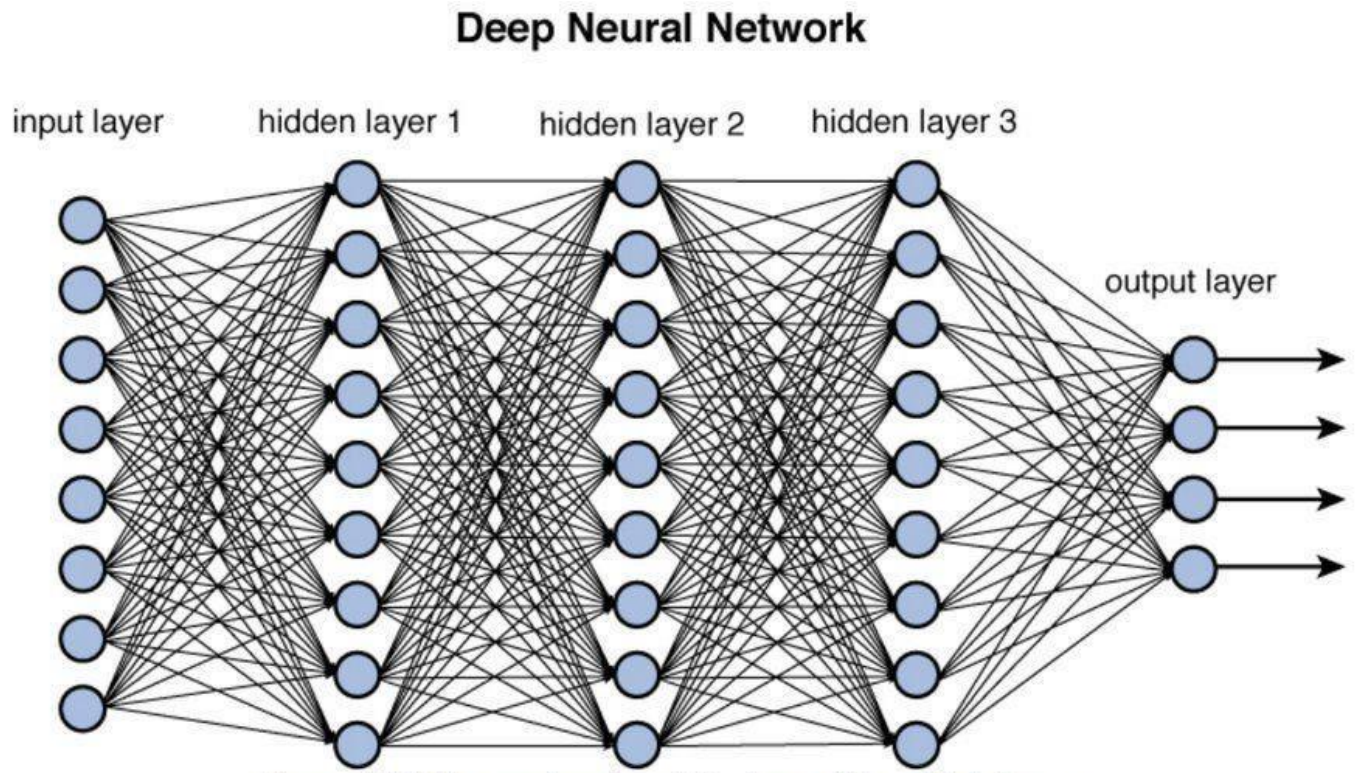


Figure 12.2 Deep network architecture with multiple layers.

LOUDER CROWDER
Machine learning
Is just If statements
CHANGE MY MIND

CLAIRVOYANCE?

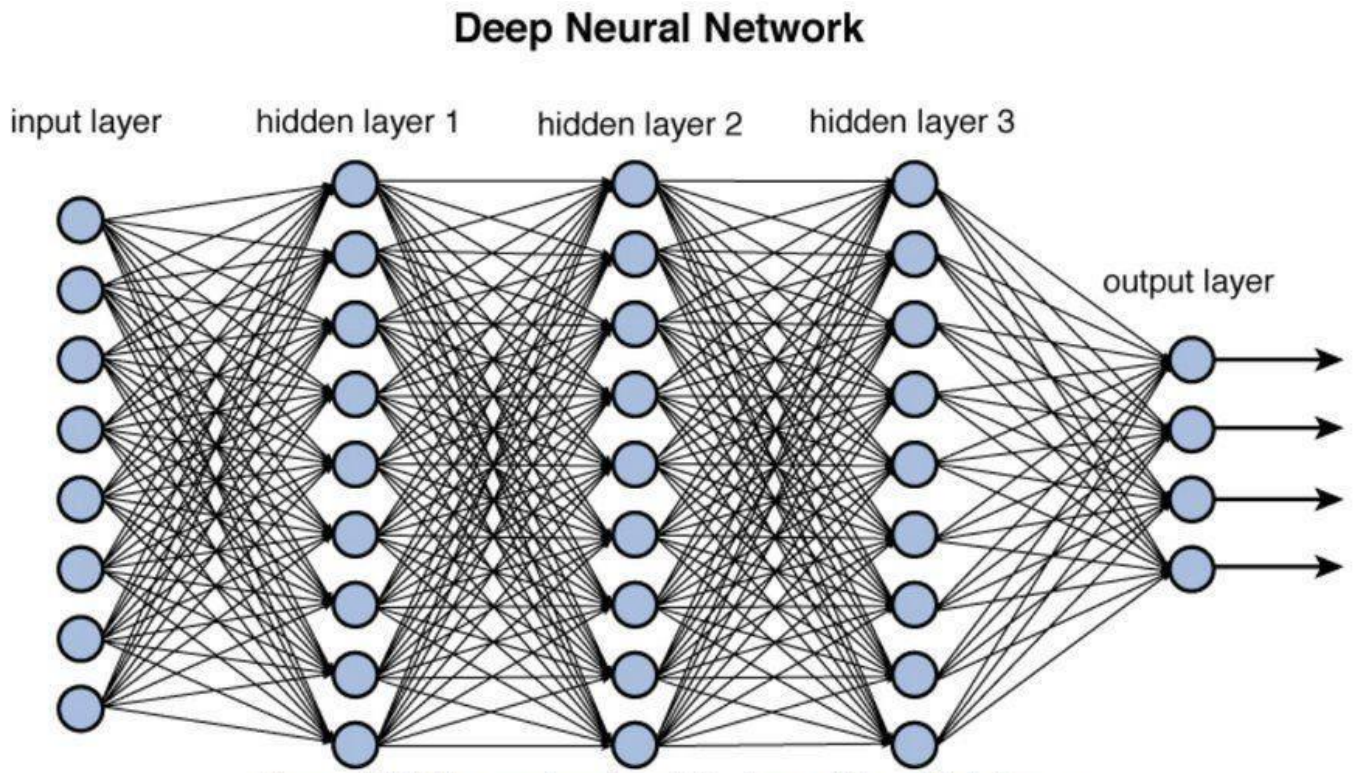


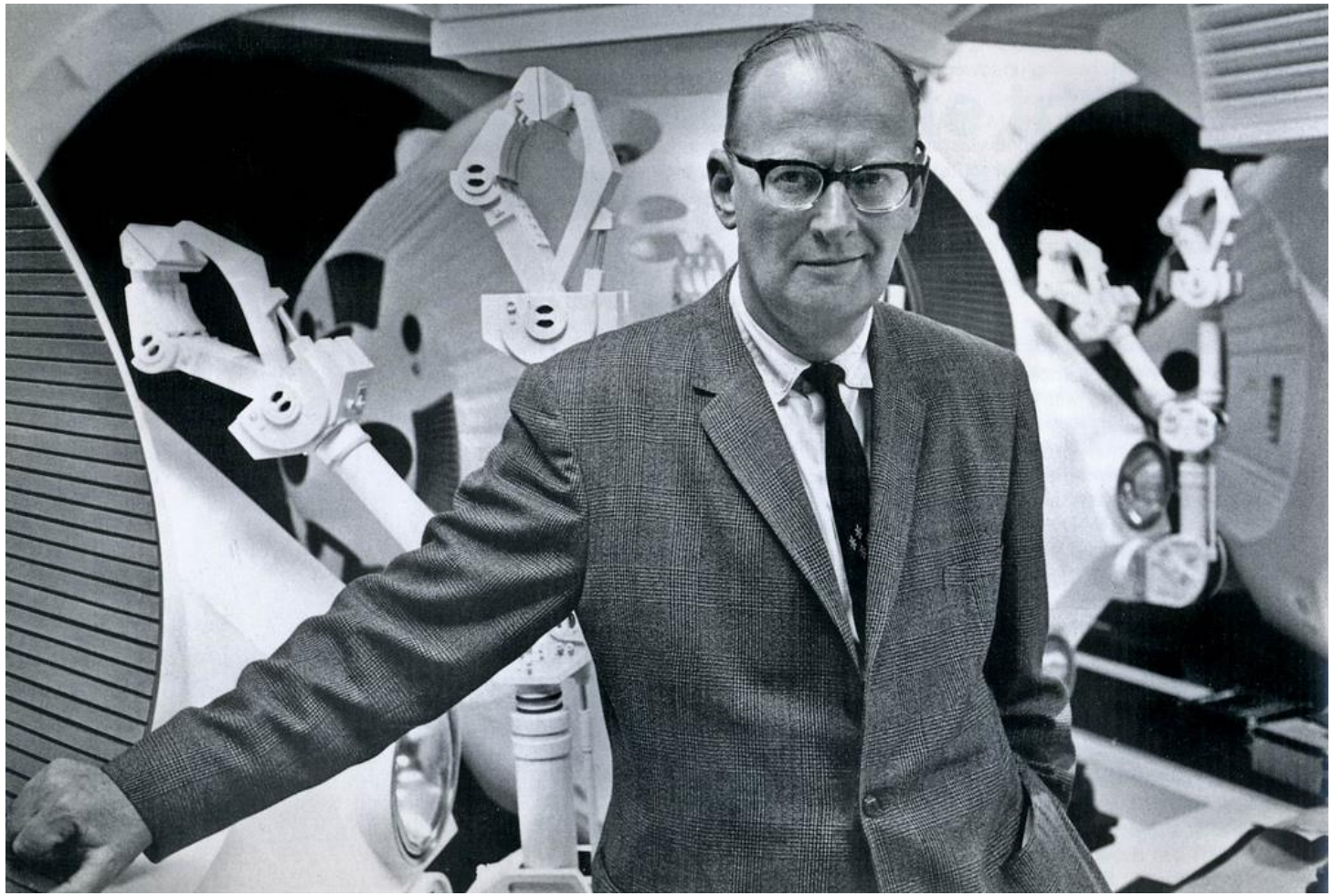
Figure 12.2 Deep network architecture with multiple layers.

THE TWENTY-SIX WORDS THAT CREATED THE INTERNET

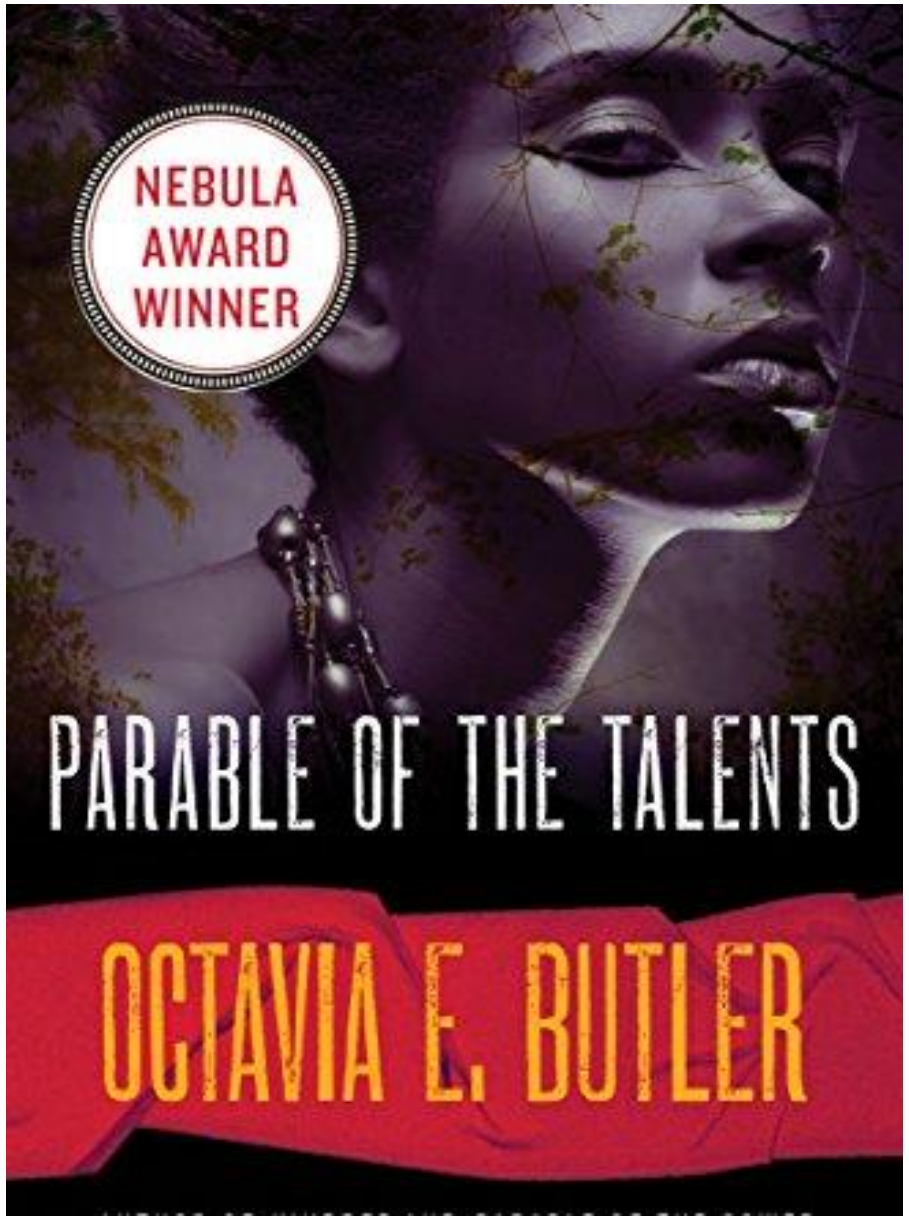
“No provider or user of an interactive computer service shall be treated as the publisher or speaker of any information provided by another information content provider”

WHY SCI-FI?

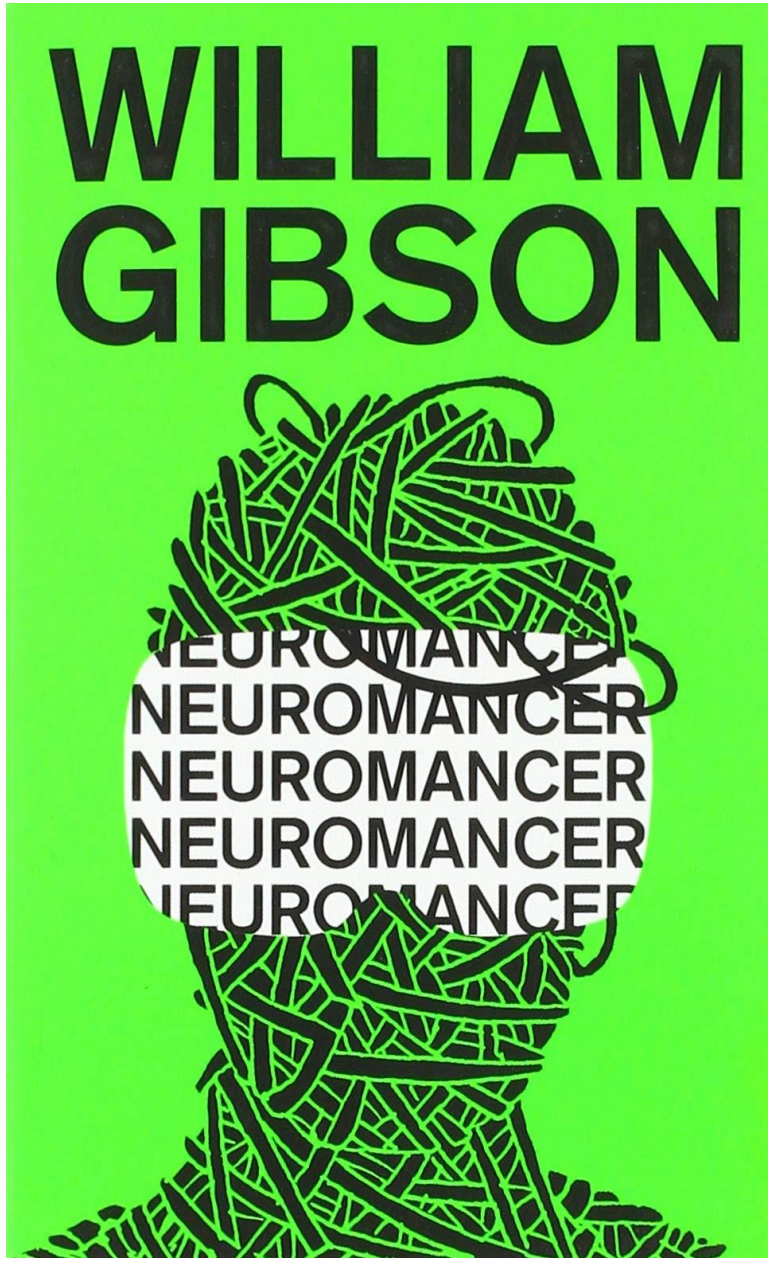
WHAT IF



WHY SCI-FI?


NEBULA
AWARD
WINNER
PARABLE OF THE TALENTS
OCTAVIA E. BUTLER

WHY SCI-FI?



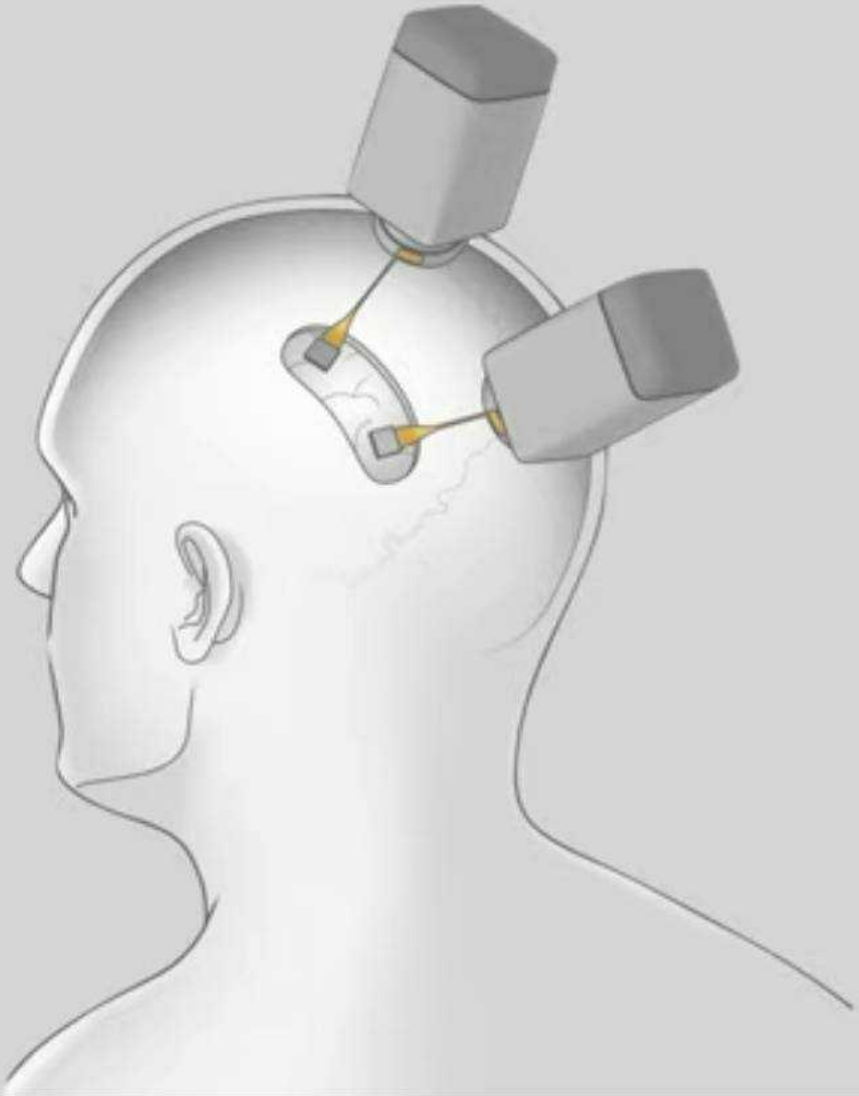
NEUROMANCER

- First novel to win Hugo, Philip K. Dick and Nebula Awards
- Virtual world of connected computers
- “Cyberspace”

IT'S ALL IN YOUR HEAD

- Brain-computer interfaces (BCI/BMI)

UTAH ARRAY

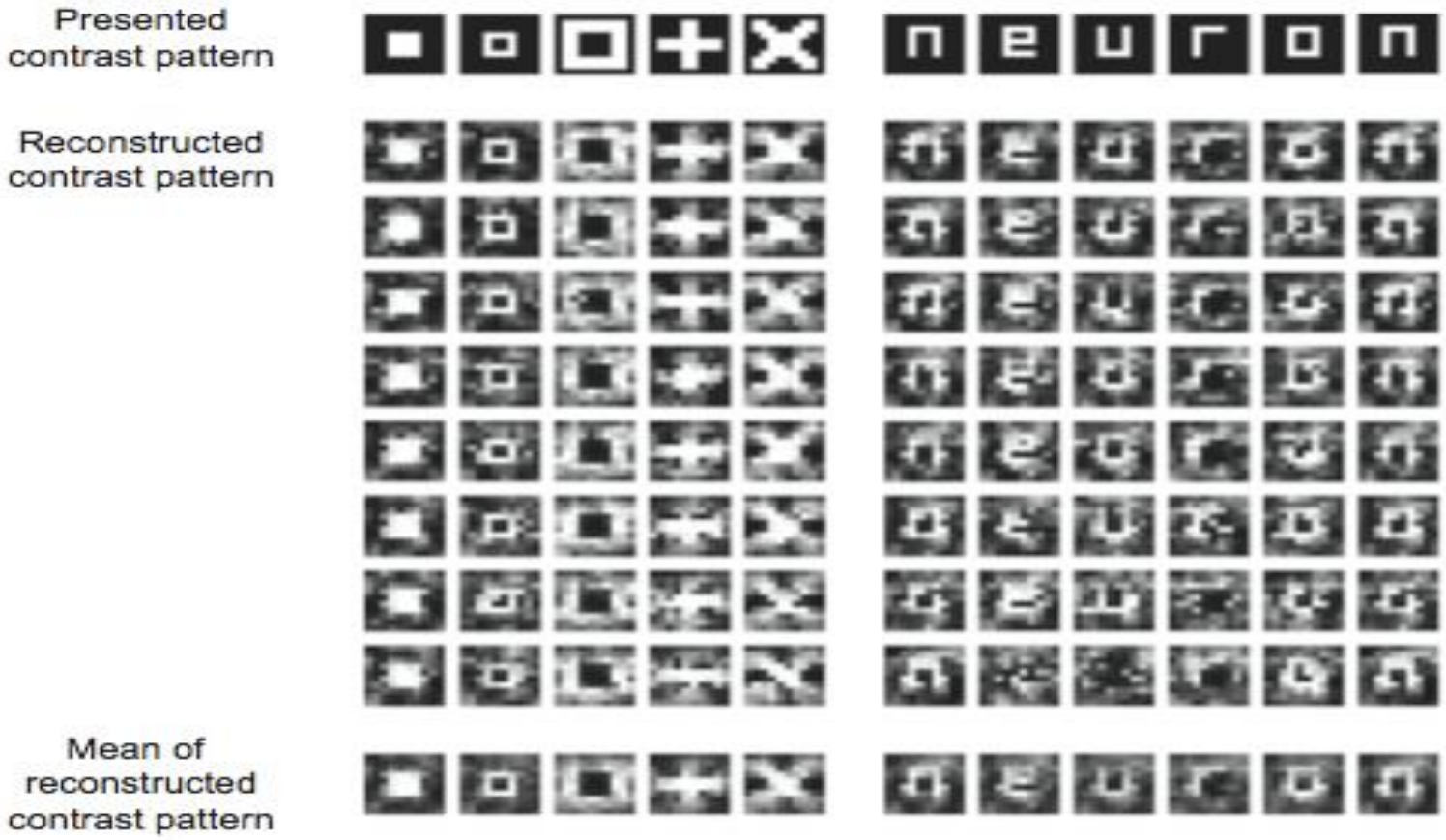


DEEP BRAIN STIMULATION

IT'S ALL IN YOUR HEAD

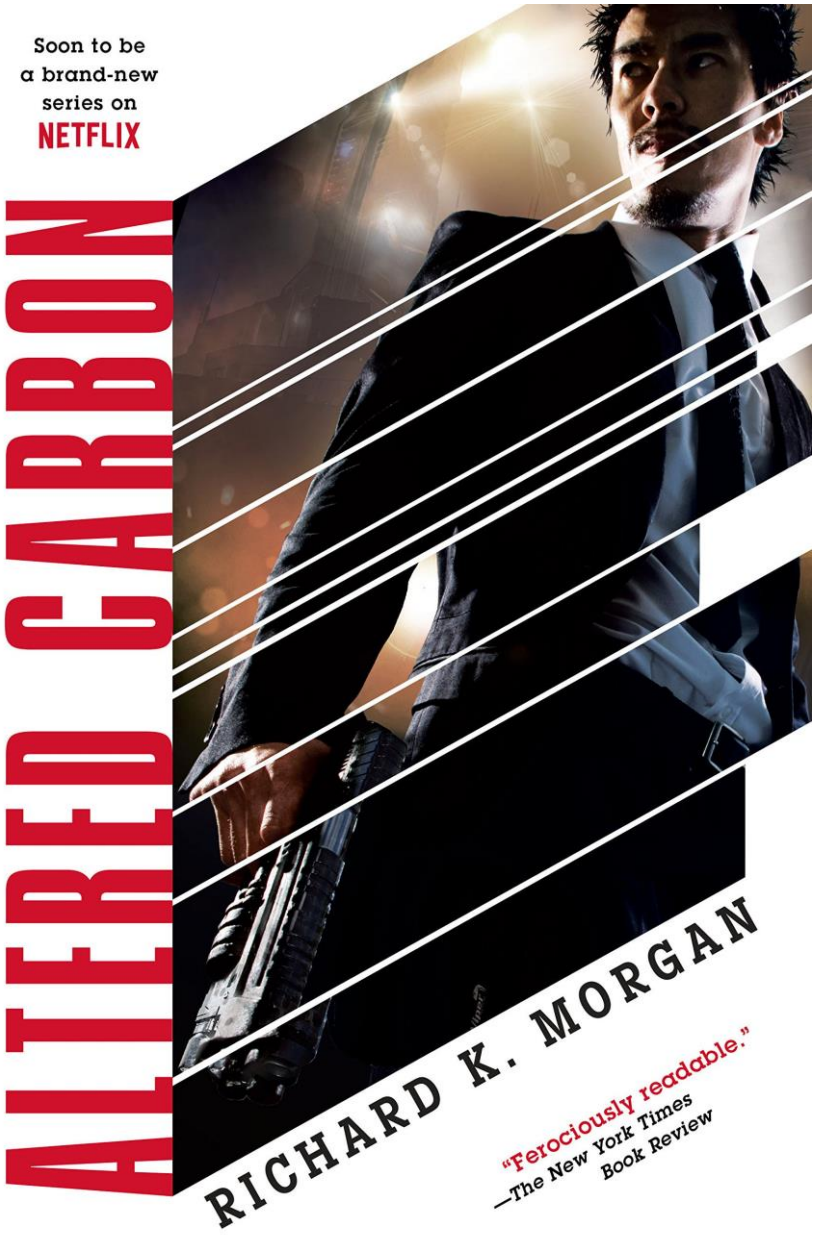
- Brain-computer interfaces (BCI/BMI)
- DARPA: use brains to control drone swarms
- Neuralink: Implantable BCIs
- Facebook: type with your mind (what could go wrong?)

IT'S ALL IN YOUR HEAD



IT'S ALL IN YOUR HEAD

- Brain-computer interfaces (BCI/BMI)
- DARPA: use brains to control drone swarms
- Neuralink: Implantable BCIs
- Facebook: type with your mind (what could go wrong?)

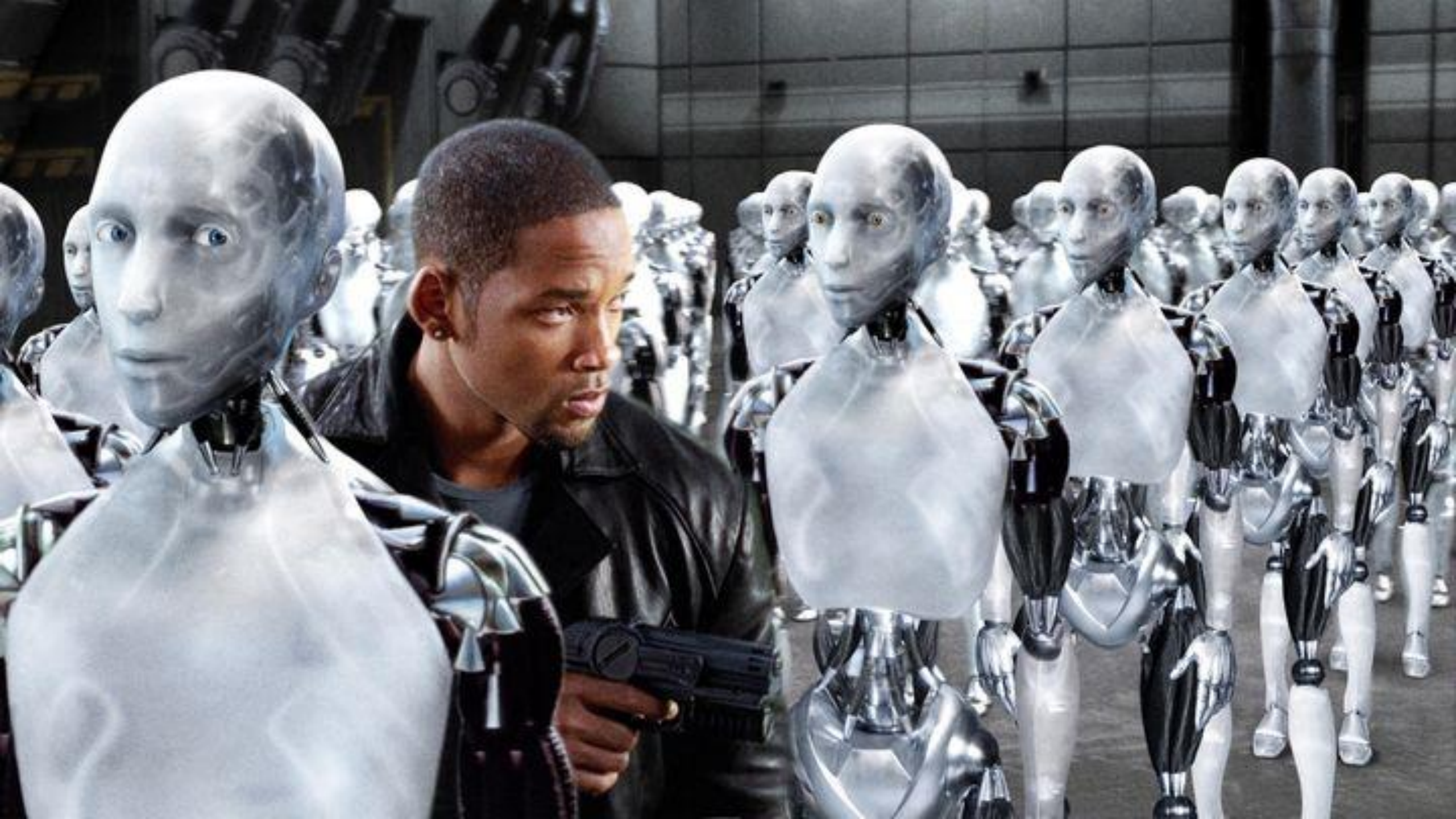


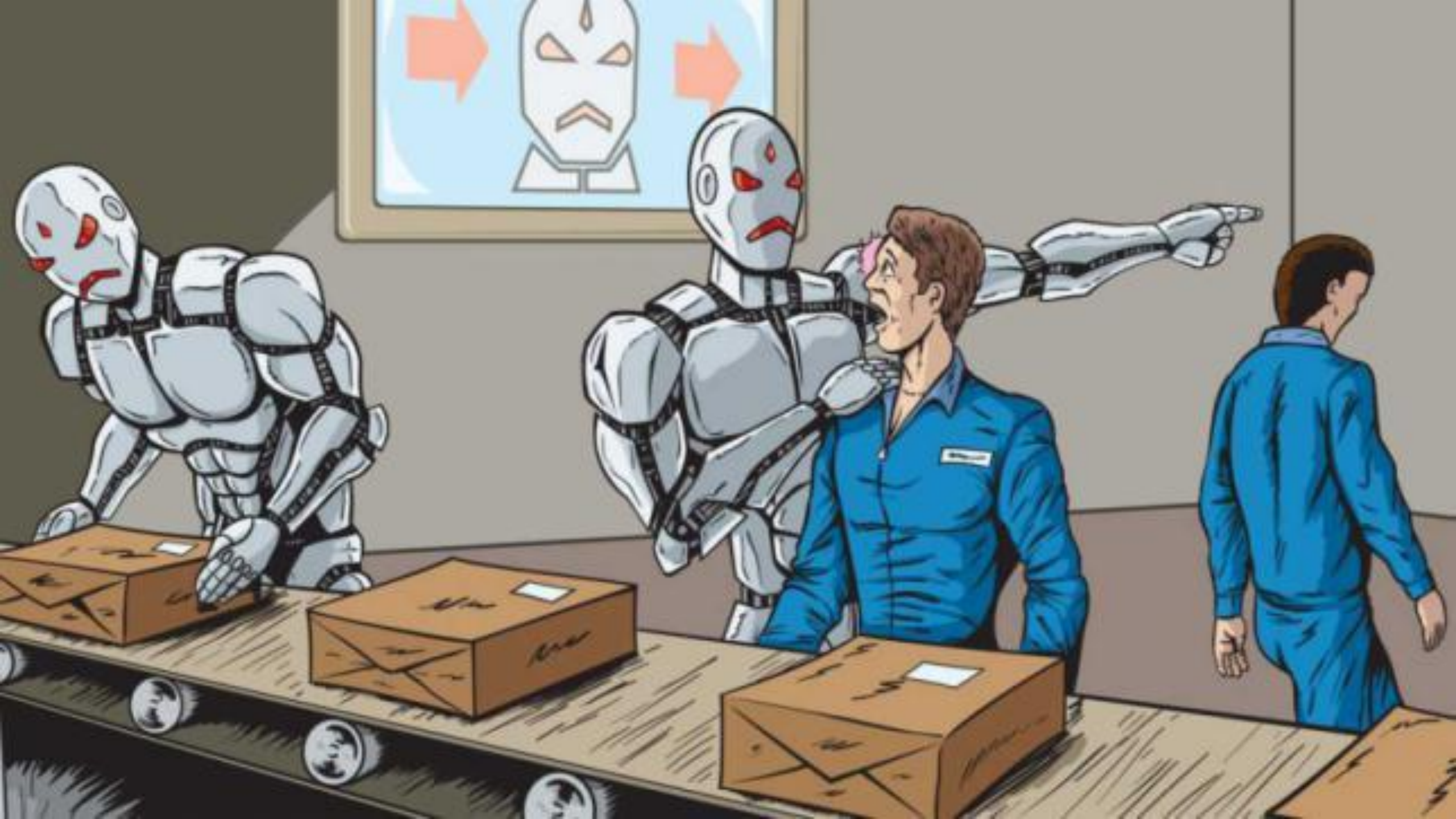
ALTERED CARBON

- Memories stored in cortical stack
- Can be used to revive person after death
- Some people only want to die once

WHAT IS DEAD MAY NEVER DIE

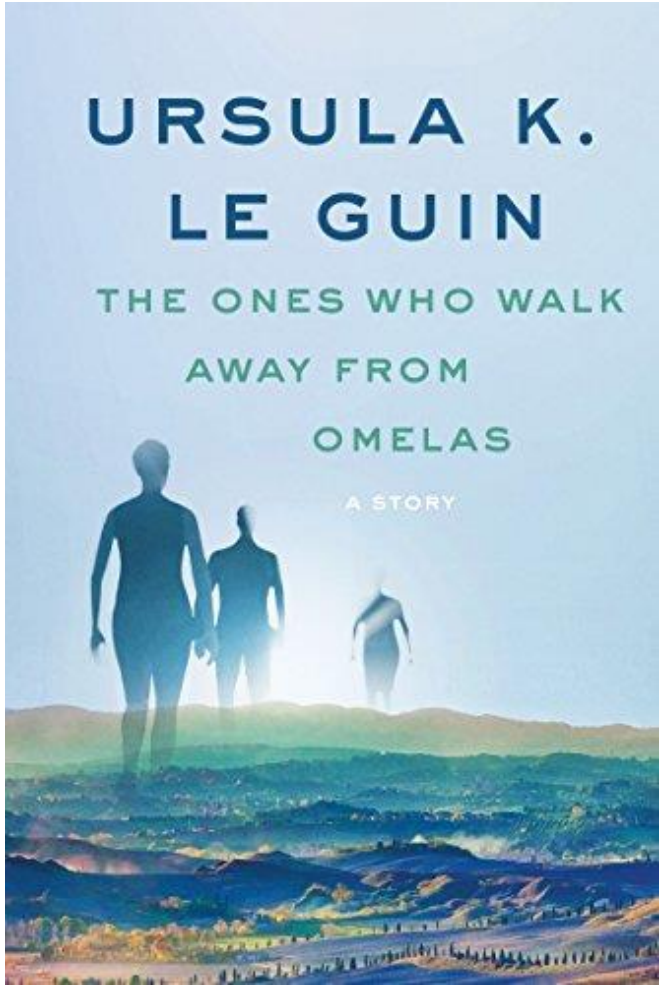
- Death in the digital era is complicated
- Simple: social media memorials
- Not so simple: digital resurrection
- Eugenia Kuyda: used text messages to create bot mimicking dead friend
- Companies that perform digital recreation
- DNR?





OPTIMIZATION IMPERATIVE

- AI supervisors == Robot overlords?
- Algorithms used to optimize employee behavior
- Sacrifice employee well-being in the name of efficiency
- Amazon warehouses and delivery systems
- Several companies in AI monitoring business


URSULA K.
LE GUIN
THE ONES WHO WALK
AWAY FROM
OMELAS
A STORY