



Artificial Intelligence through the ages

Your host today

- Vasco Veloso
- Working in software development since 1996.
- Currently interested in designing software systems and giving back to the community.
- Author and speaker.
- Portuguese living in the Netherlands.



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@vveloso

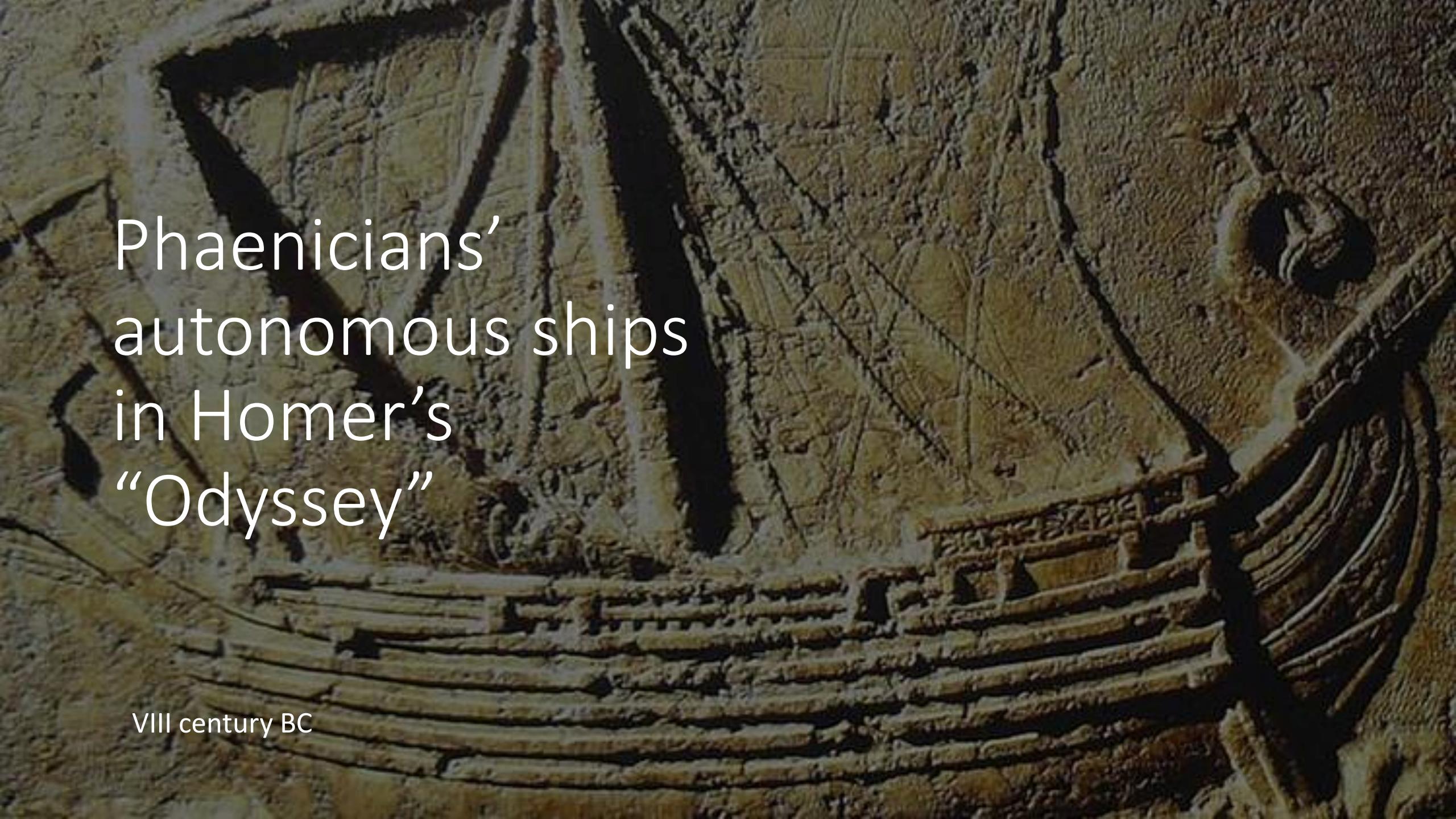
Everyone
evolves



Hephaestus' tripods in Homer's “Illiad”

VIII century BC

Hephaestus (Vulcan) Greek God - Art Picture by Chris Appel, source: www.greek-mythology-pantheon.com



Phaenicians'
autonomous ships
in Homer's
“Odyssey”

VIII century BC

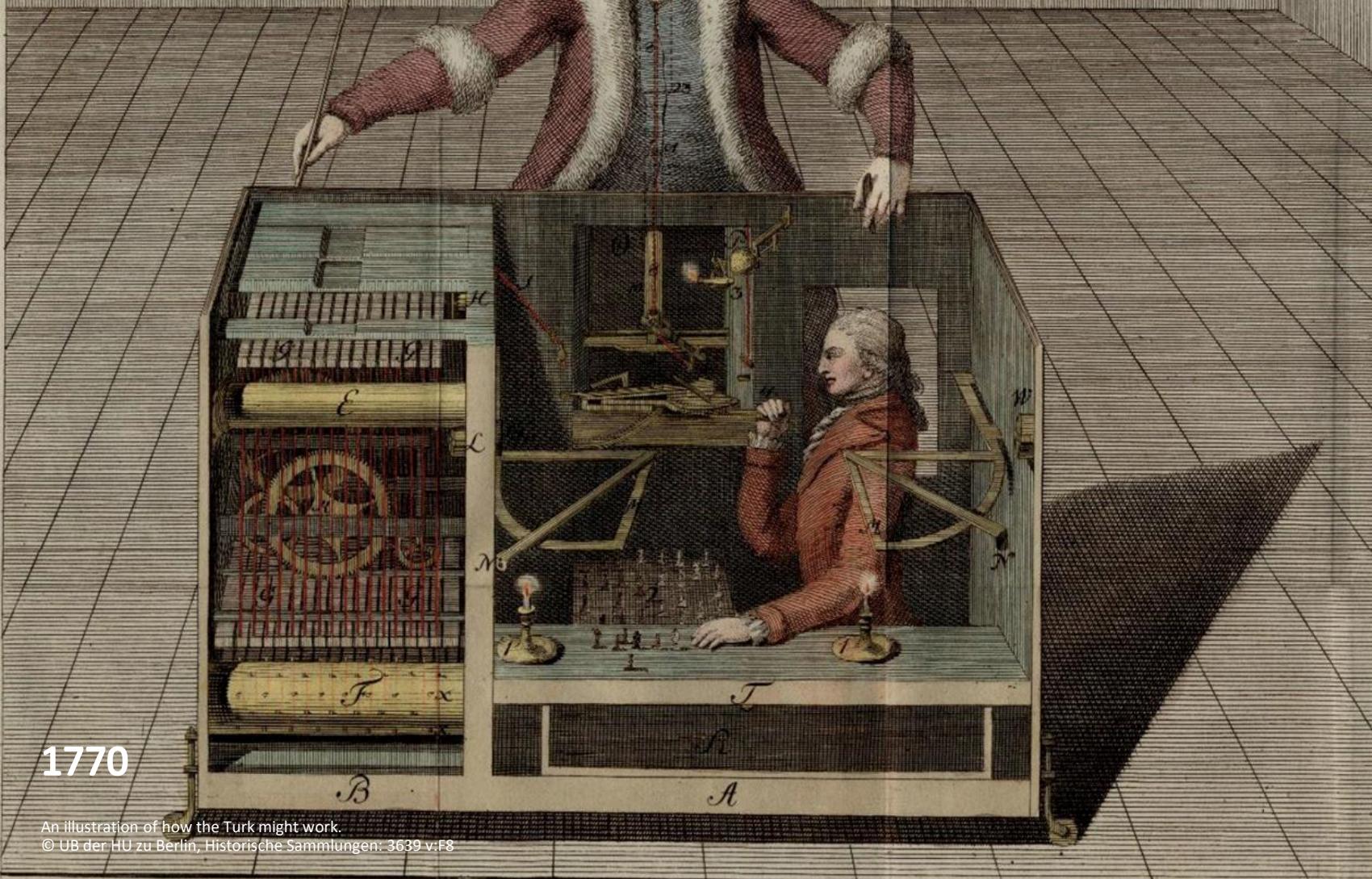
Animating
statues in
Condillac's
“Traité des
Sensations”

1754

T R A I T É
D E S
S E N S A T I O N S ,
A M A D A M E L A C O M T E S S E
D E V A S S É ,
*Par M. l'Abbé D E C O N D I L L A C ,
de l'Académie Royale de Berlin.*

Ut potero , explicabo : nec tamen , ut Pythius
Apollo , certa ut sint & fixa , quæ dixerit : sed , ut
homunculus , probabilia conjecturâ sequens . Cic.
Tusc. quest. l. 1. c. 9.

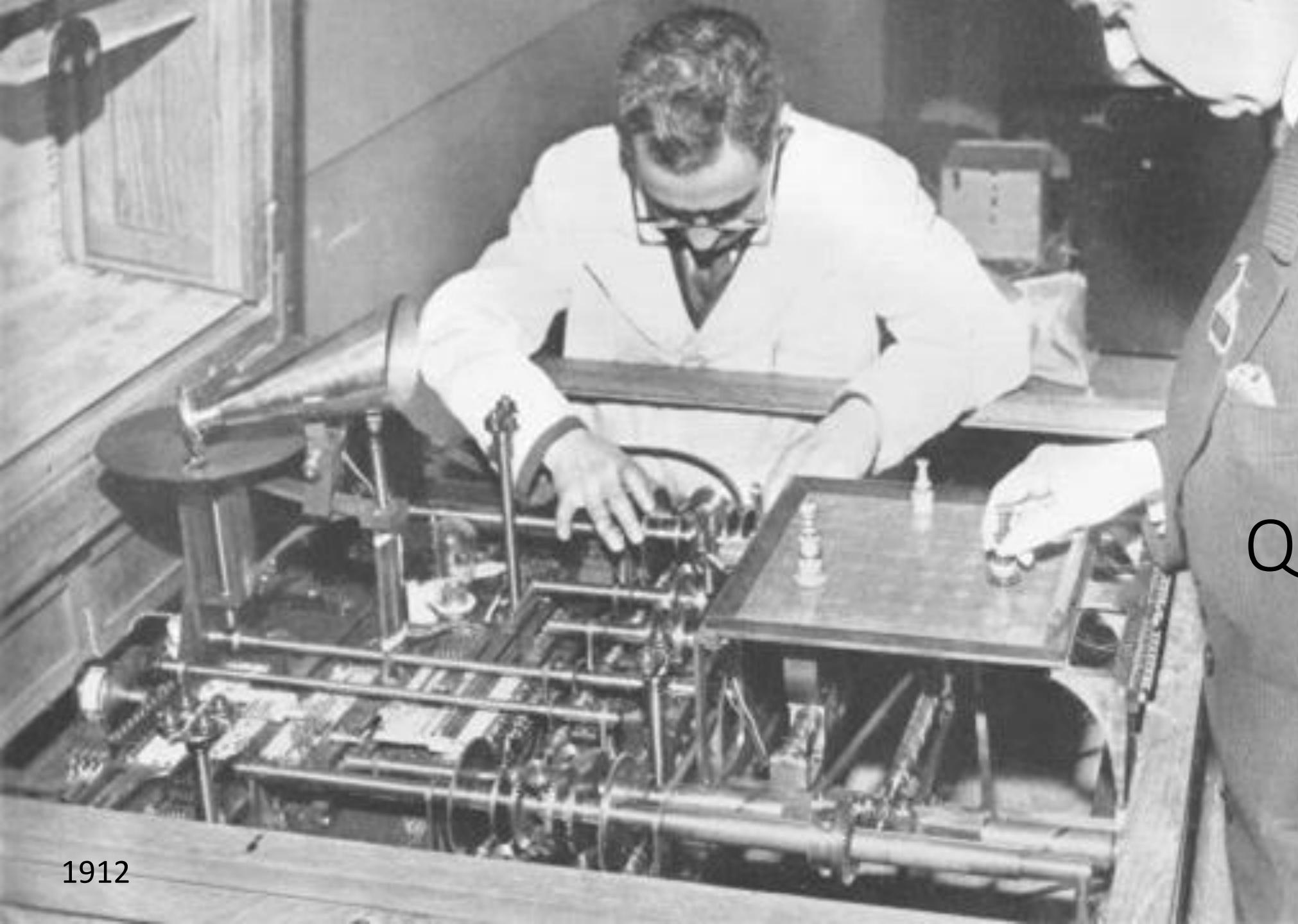
The Turk



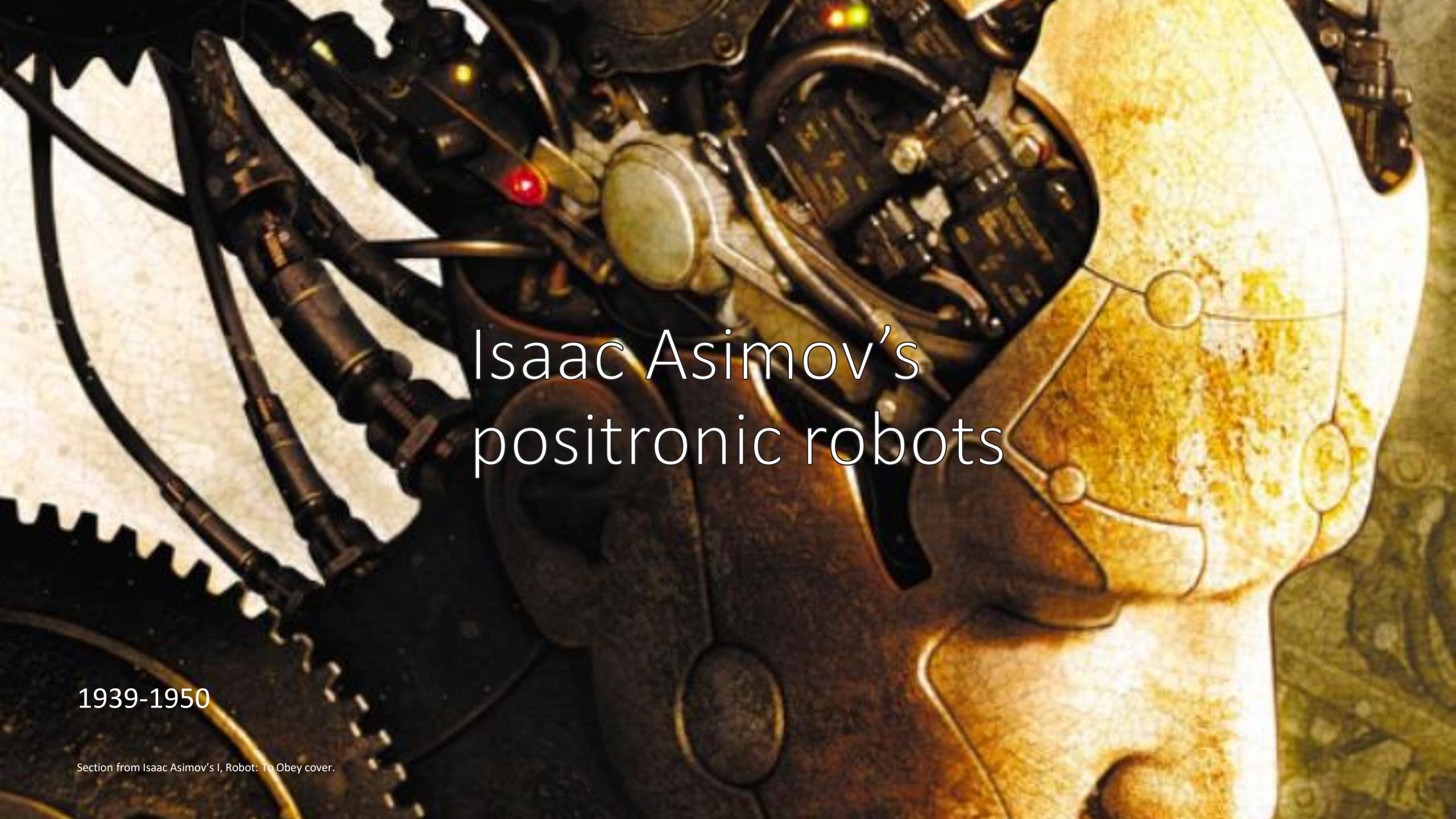
1770

An illustration of how the Turk might work.
© UB der HU zu Berlin, Historische Sammlungen. 3639 v.F8

The
Quevedo's
chess
playing
machine



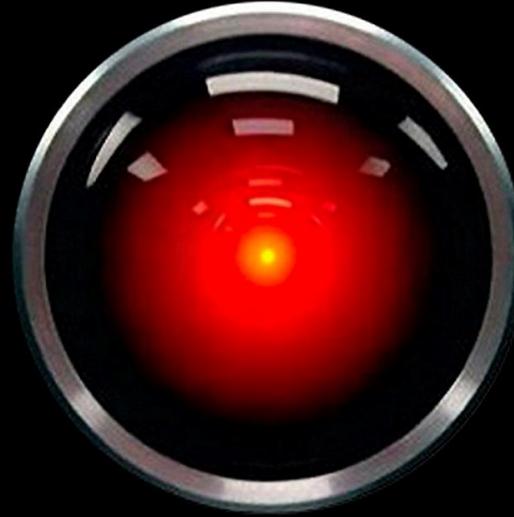
1912



Isaac Asimov's positronic robots

1939-1950

Arthur C. Clarke's "2001: A Space Odyssey"



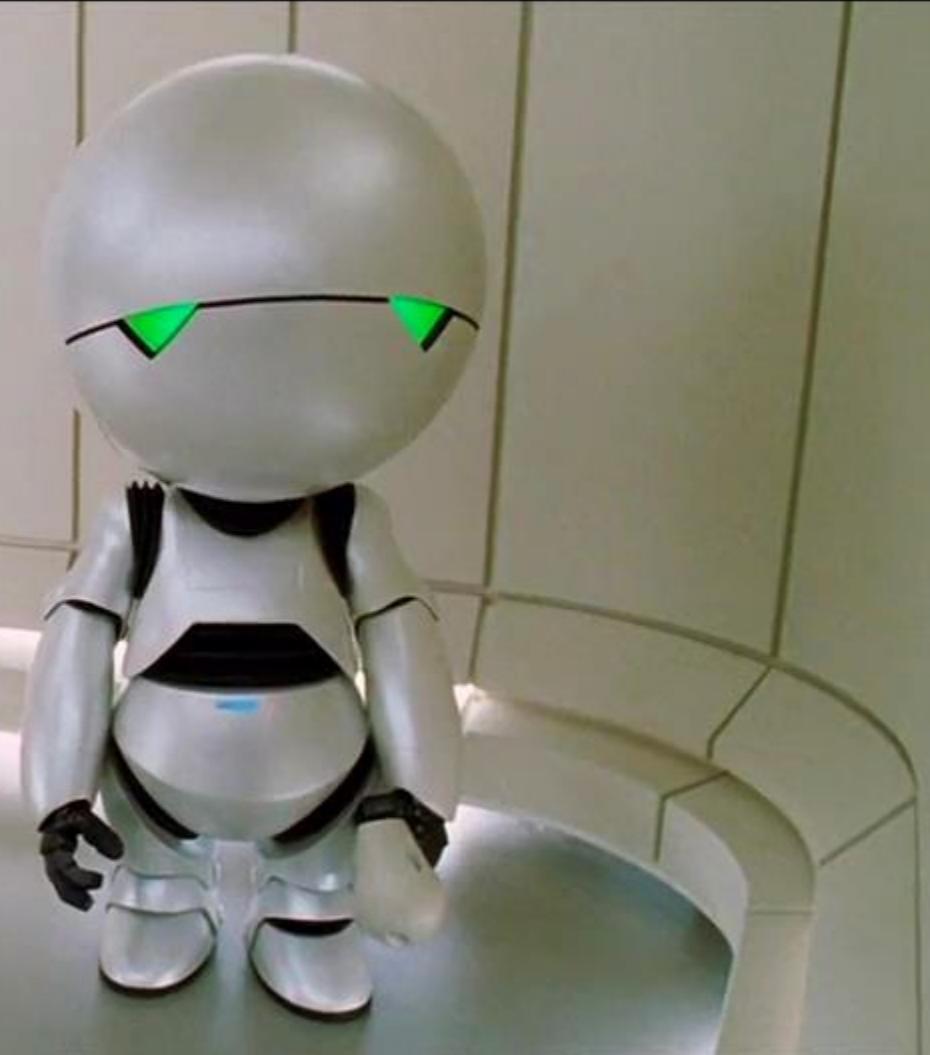
1968

Illustration of HAL 9000 from the movie.

Douglas Adam's “The Hitchhicker’s Guide to the Galaxy”

1978

Still from the 2005 movie depicting Marvin The Paranoid Android.



IBM's Deep Blue

1996

Photo by Yvonne Hemsey, 1996





Photo by Sebastiaan Stam on Unsplash

“The Terminator”

1984

Still from the movie.



“The Matrix”

1999

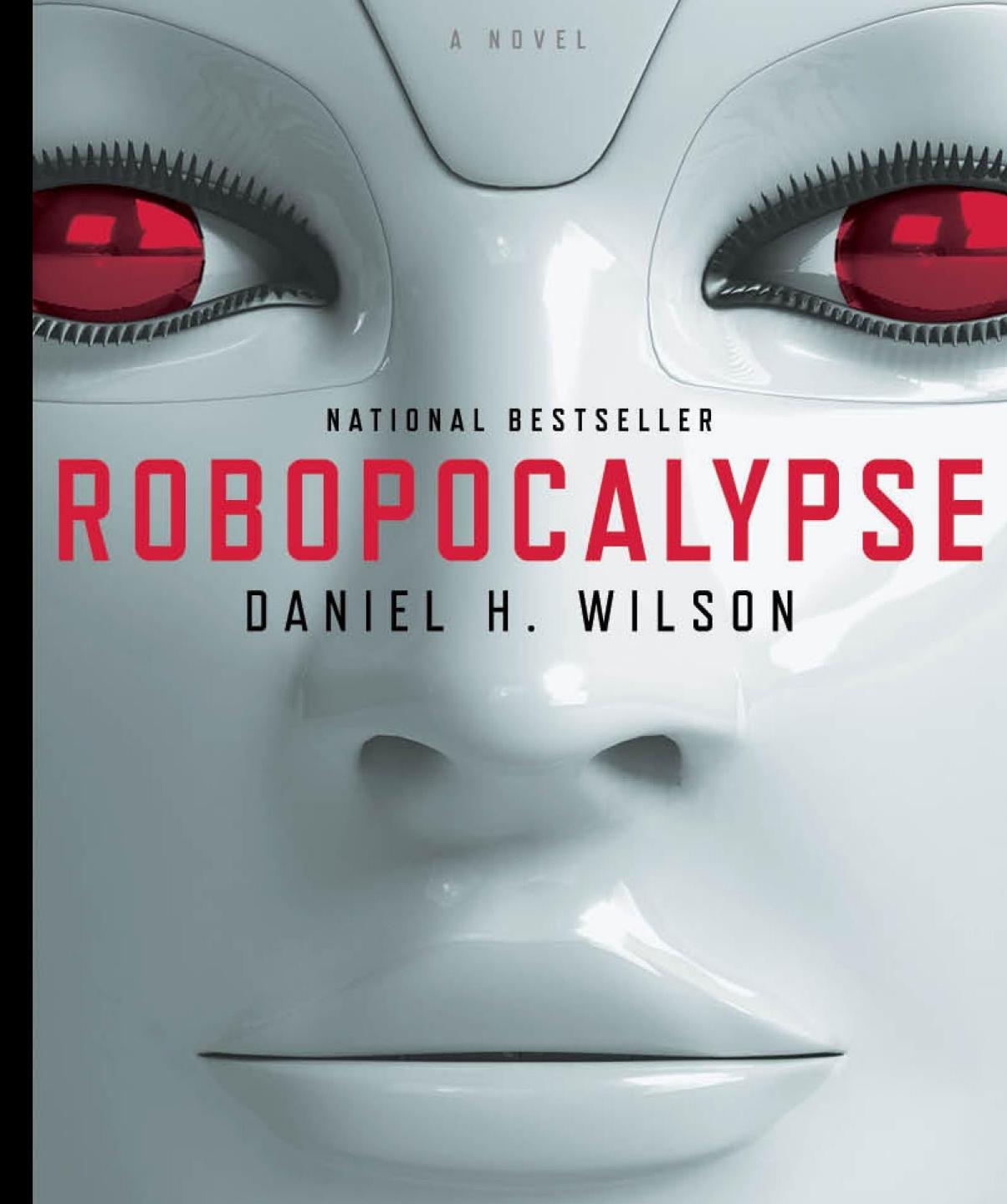
Still from the movie. © Animal Logic / Warner Bros.



Daniel H. Wilson's “Robopocalypse”

2011

Part of the book's cover.



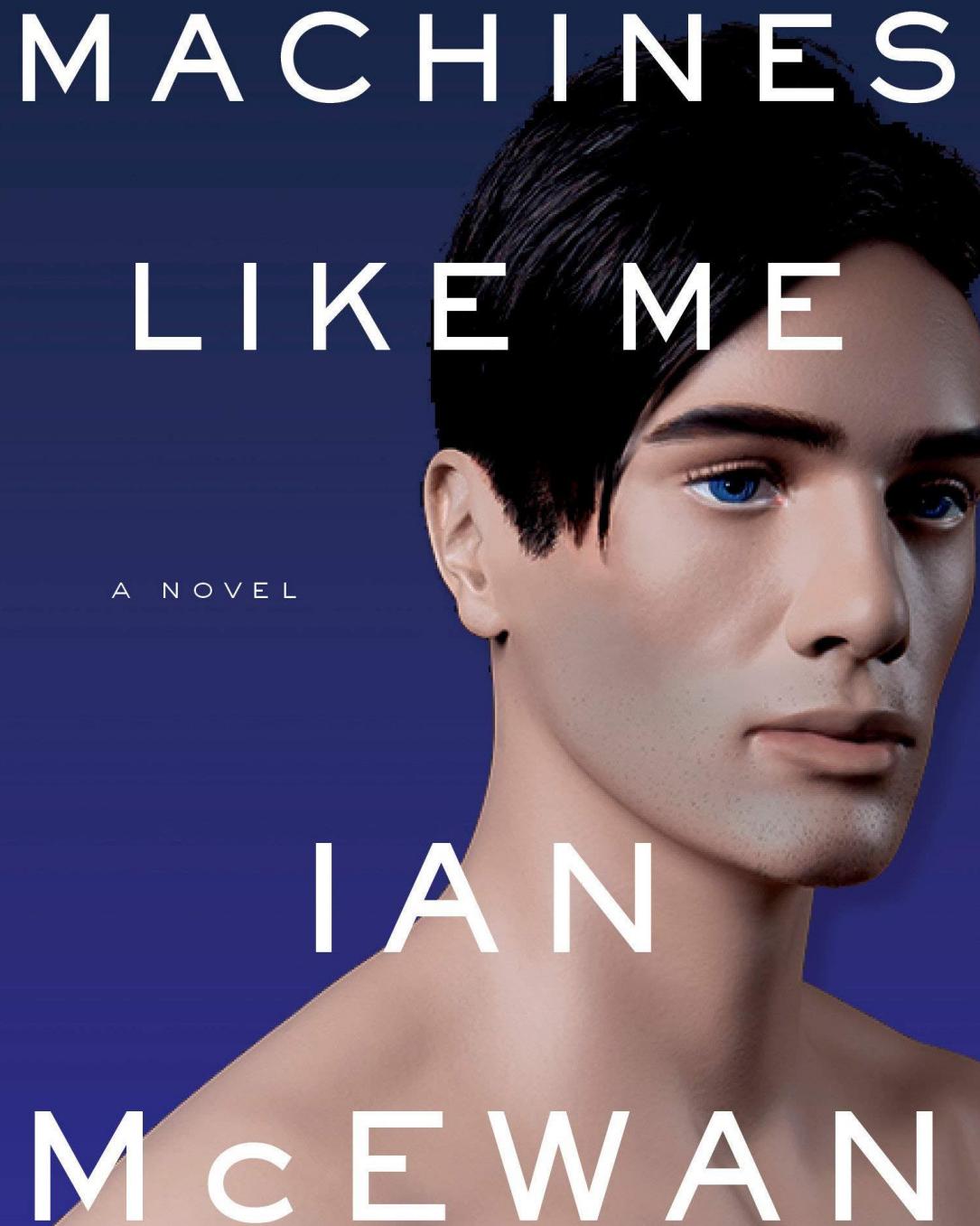


SEEKING
HUMAN
KINDNESS

Ian McEwan's
“Machines like
me”

2019

Part of the book's cover.





“Äkta
människor”

REAL HUMANS

2012-2014

Promotional material from the TV series.

Philip K. Dick's “Do Androids Dream of Electric Sheep?”

1968

Part of the book's cover.

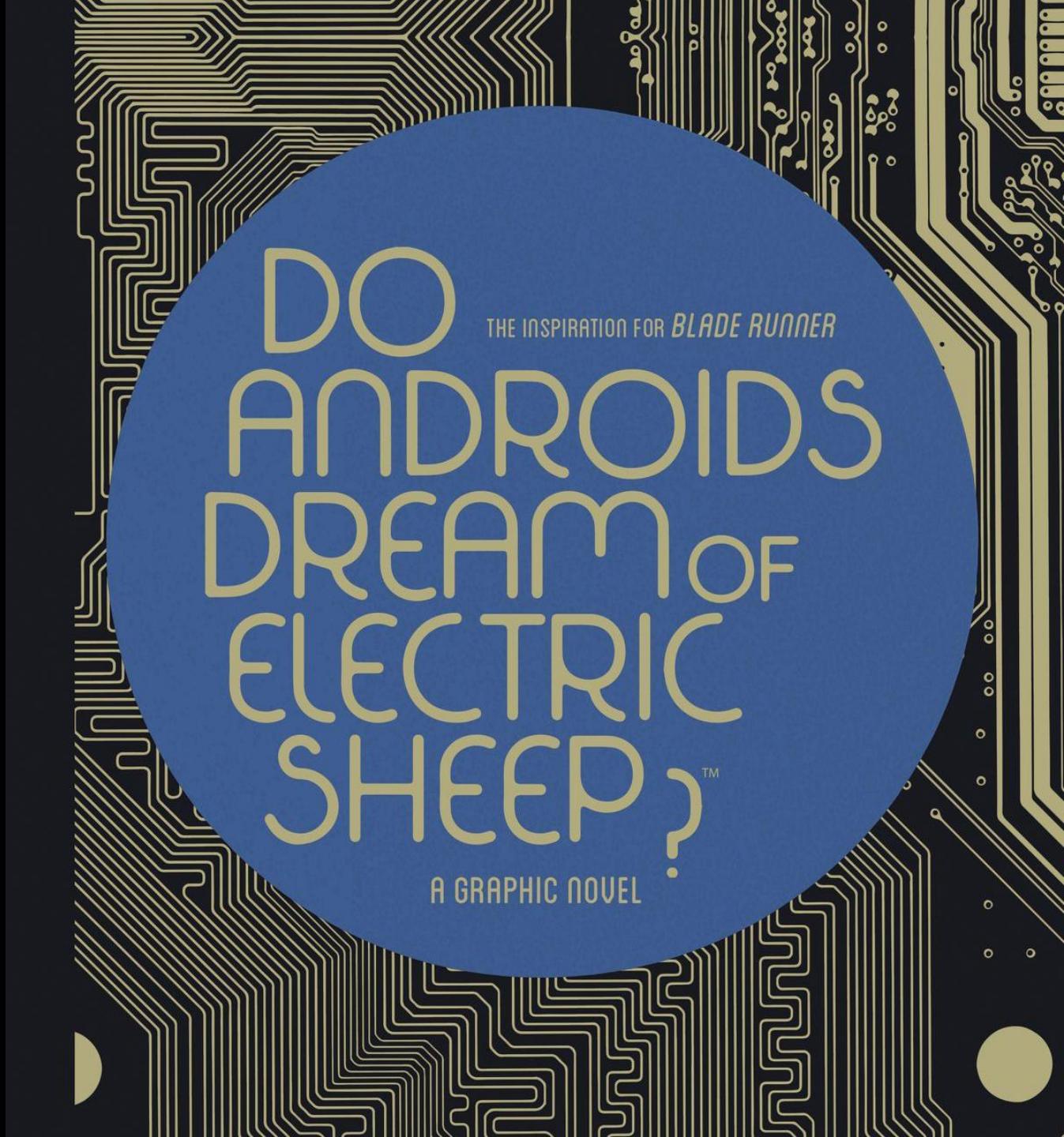




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• [A university vice-chancellor's diary of A-level chaos](#)

Alex Hern

✉@alexhern

Fri 21 Aug 2020 15.43 BST



Students in London protest against their downgraded A-levels results. Photograph: Chris J Ratcliffe/Getty Images

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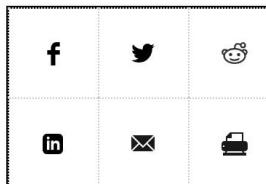
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Black patients lose out on critical care when systems equate health needs with costs

By Starre Vartan on October 24, 2019



Health care algorithms can reinforce existing inequality. Credit: Getty Images

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UNDERSTANDING





Tomorrow...

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