

The following simplified definitions represent an eclectic mix of artificial intelligence, robotics, and technology terms that have been paired with iconic television and movie images. The images were created by GenAI programs from photo "seeds" that are noted at the bottom of each page.

An AI glossary, timeline, and software directory are available on my Portland Community College faculty website: https://www.pcc.edu/staff/ric-stephens/

Ric Stephens, June 4, 2024





Al anthropomorphism

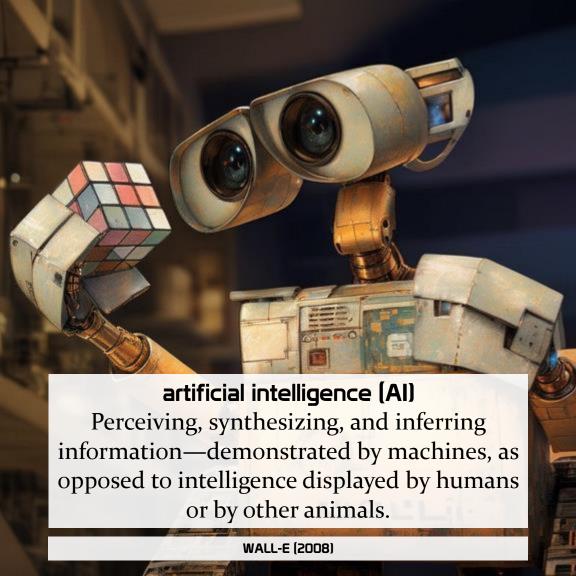
Attributing human characteristics to programs and robots.

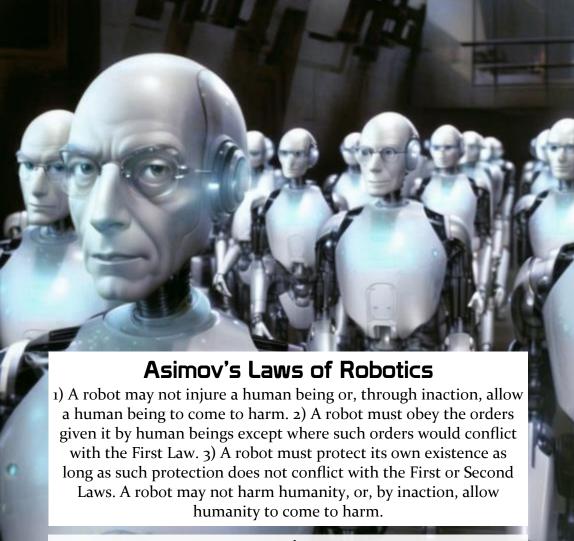
Knight Rider, KITT (1982)

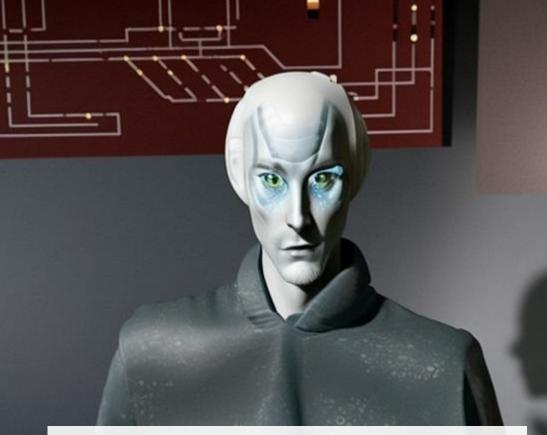


android (droid)A masculine humanoid robot.

The Wizard of Oz, Tin Man (1939)



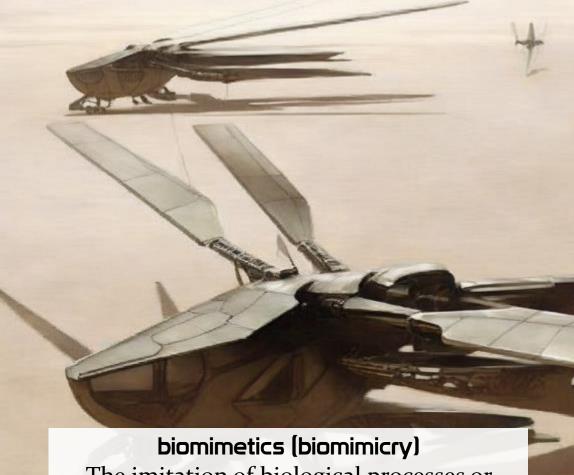




avatar

An icon or representation of a user in a shared virtual reality.

Star Trek, The Corbomite Maneuver (1966)



The imitation of biological processes or models from nature.

Dune, ornithopter (2021)



brain-computer interface (BCI)

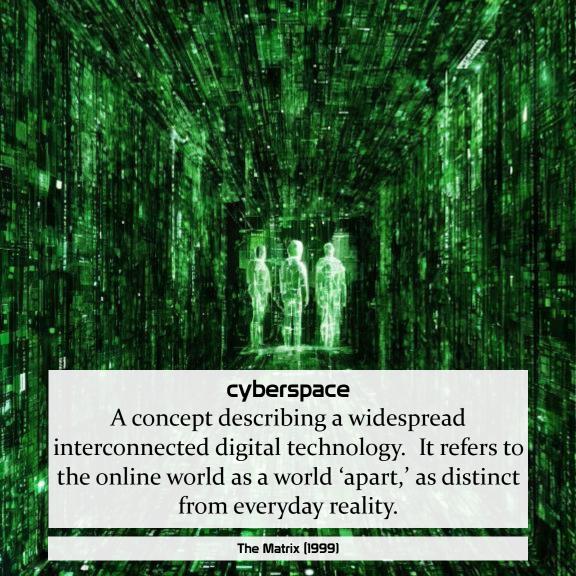
A direct communication pathway between the brain's electrical activity and an external device.



chatbot

An AI that mimics human conversation through text or voice interactions, typically online.

Her, OSI (2013)





cyborg

A portmanteau of cybernetic and organisma being with both organic and biomechatronic body parts.



data privacy
The ability of individuals to control their personal information.

The Circle (2017)





Easter egg (wink)

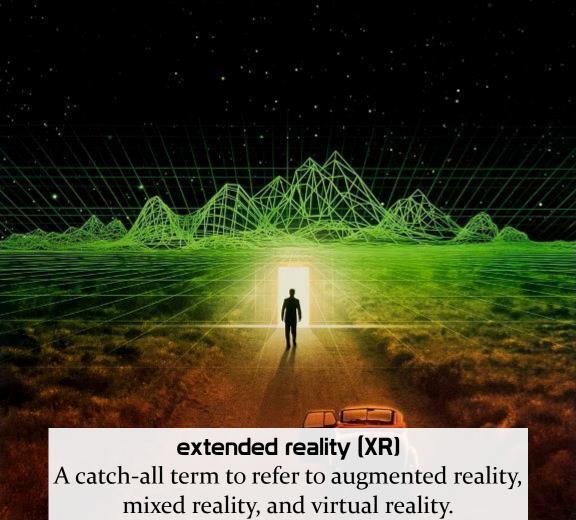
A hidden element written into a program or placed on a website, article, or television show.



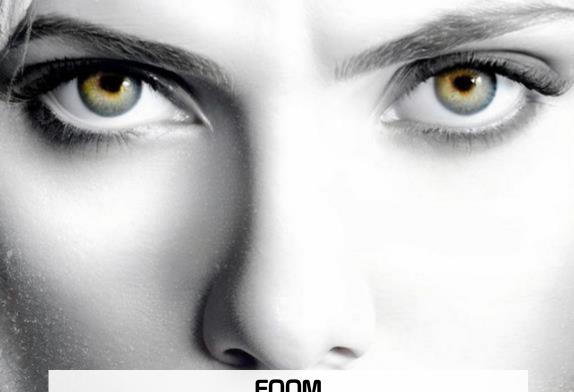
Ebert Test

A test that gauges whether an AI-generated voice can tell a joke with sufficient skill to cause people to laugh.

The Mr. Zed Show (1994)



The Thirteenth Floor (1999)



FOOM

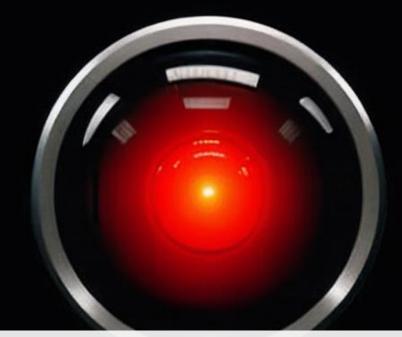
Fast Onset of Overwhelming Mastery. A sudden increase in artificial intelligence such that an AI system becomes extremely powerful.





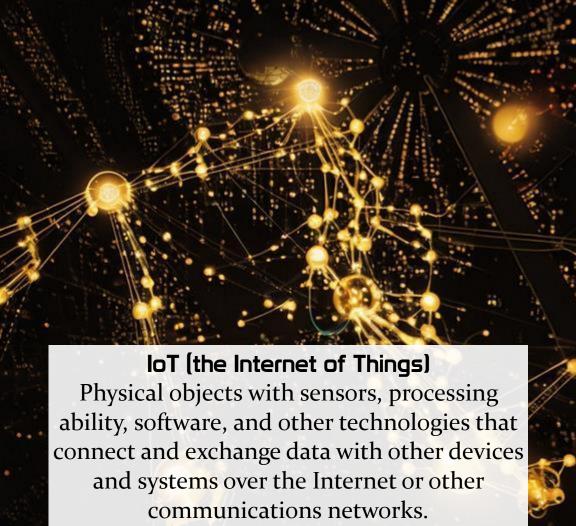
gynoid (fembot)A feminine humanoid robot.

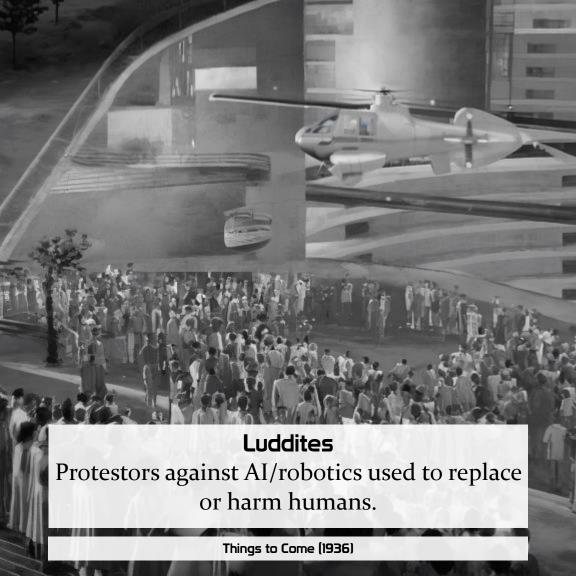
My Living Doll, AF 709 (1964)

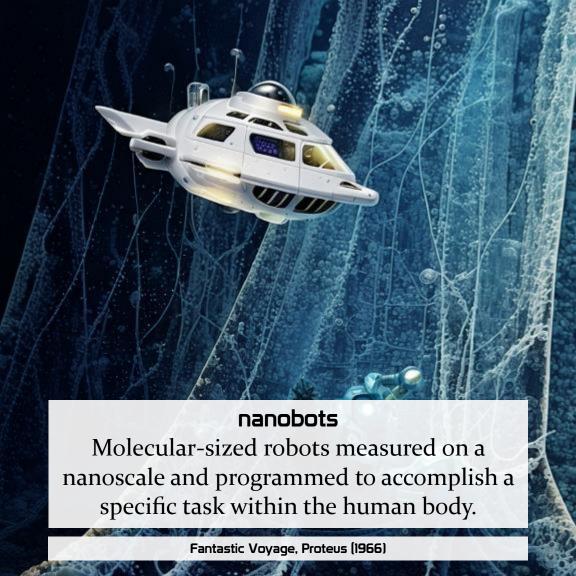


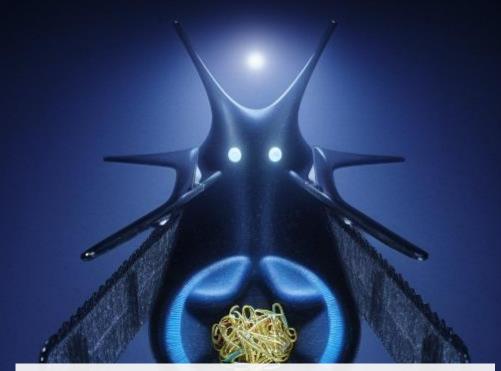
hallucination (confabulation, delusion)

A confident response by an AI that does not seem to be justified by its training data, either because it is insufficient, biased, or too specialized.



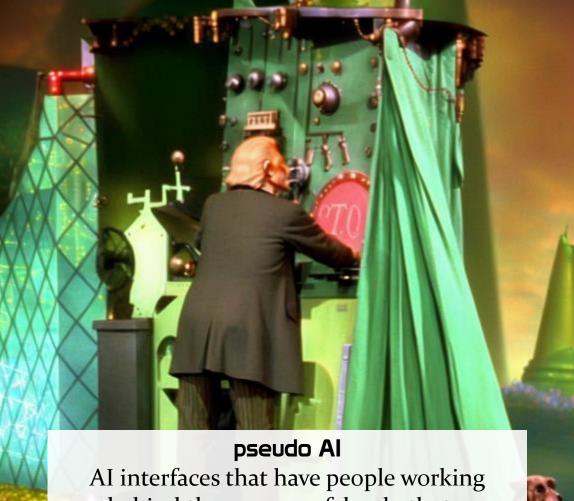






Paperclip Maximizer

The existential risk that an AI may pose to human beings were it to be successfully designed to pursue even seemingly harmless goals (e.g. manufacturing paperclips).

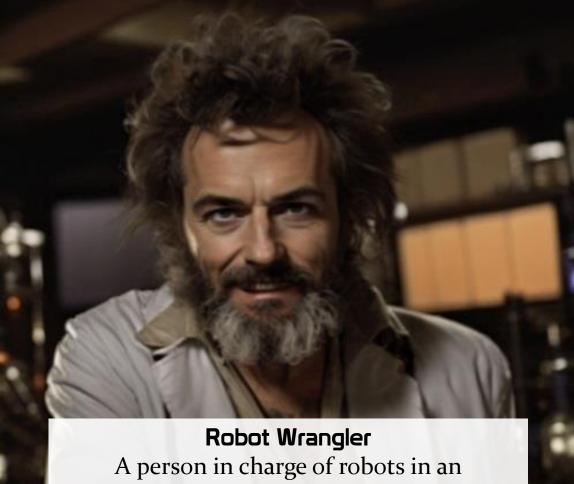


behind the scenes as fake chatbots.

The Wizard of Oz (1939)



Al: Artificial Intelligence (2001)



organization.

The Black Hole (1979)



Robo-sapiensAl systems that are so advanced they seem almost human.

Ex Machina, Ava (2014)

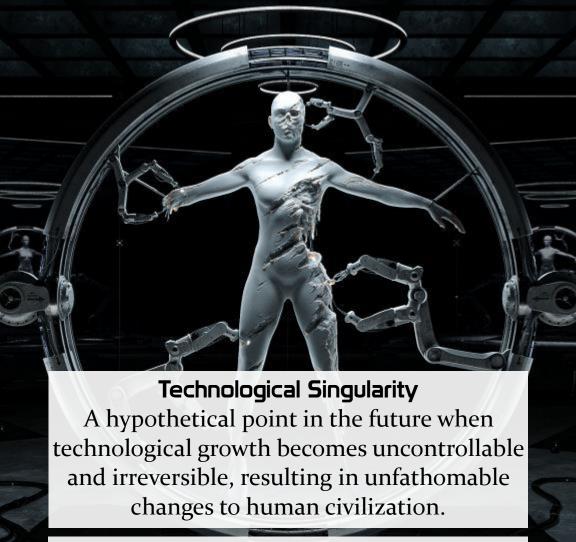


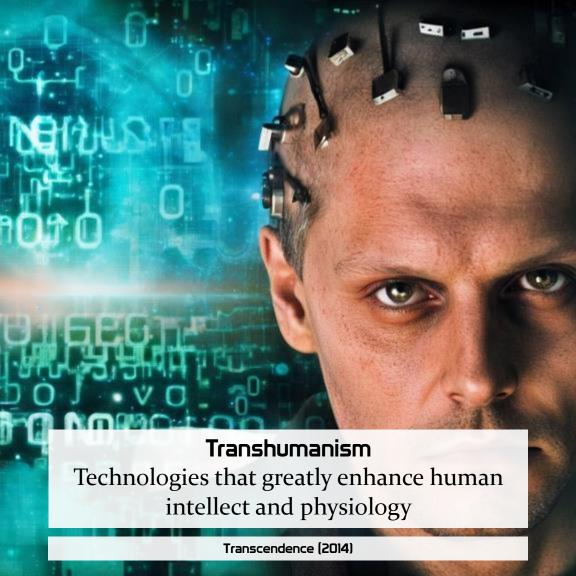


Synthetic Sage

An AI system that provides remarkably wise and accurate advice.

The Twilight Zone, The Old Man in the Cave (1963)







Turing Test

A test of a AI's ability to pass for a human, particularly in the fields of language and behavior.



Humanoid or zoomorphic objects that imperfectly resemble actual human beings or animals and provoke feelings of uneasiness and revulsion in observers.

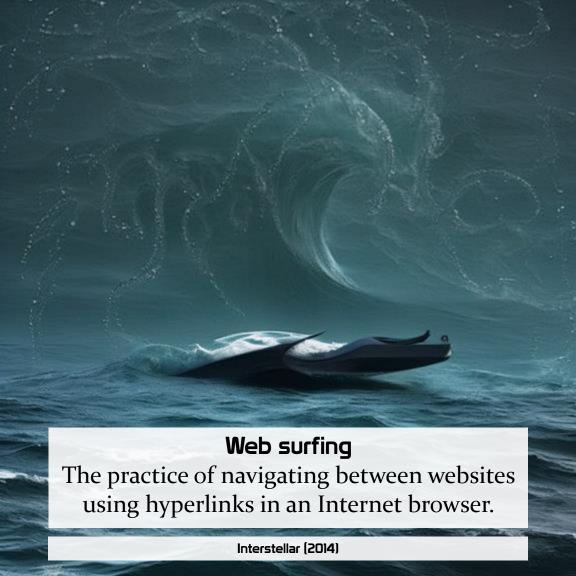


uncrewed aerial vehicle (UAV)

An aircraft piloted by remote control or onboard computers.

*batteries not included (1987)





End Of Line.