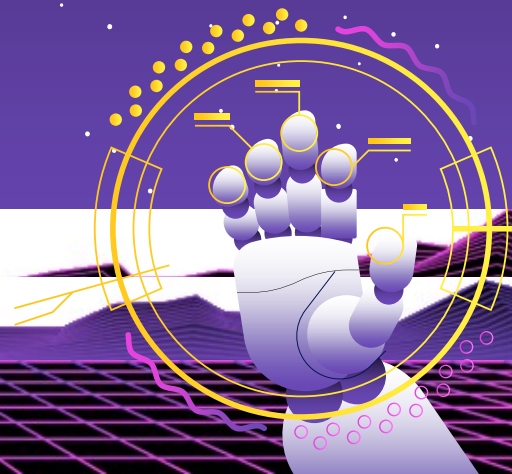
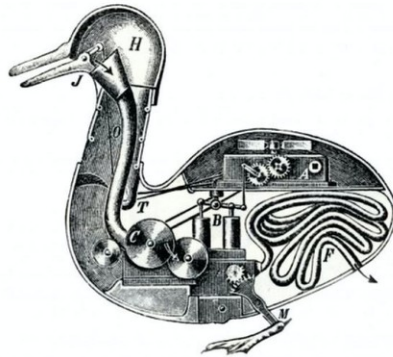


Robotické umění



Precedenty

- **Mechanické automaty – 18. a 19. století**
- Jacques de Vaucanson – mechanická kachna
- <https://www.fredericvidoni.com/créations/automates-contemporains/canard-automate-de-prestige/>



Precedenty

- Mechanické automaty – 18. a 19. století
- Jaquet-Droz :- <https://www.youtube.com/watch?v=OehTO9l1Hp8&t=257s>



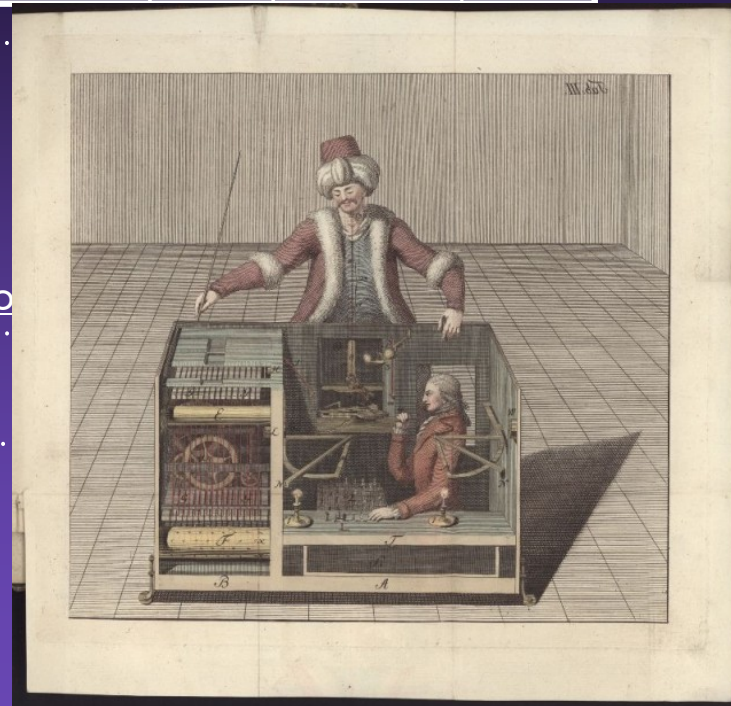
Precedenty

- Mechanické automaty – 18. a 19. století
- Wolfgang von Kempelen – šachový automat



Precedenty

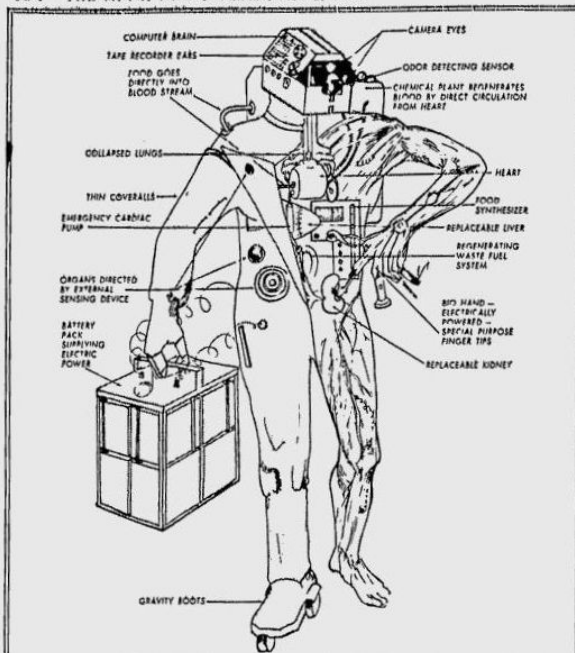
- **Mechanické automaty – 18. a 19. století**
- Wolfgang von Kempelen – šachový automat
- Mluvící automat:
https://www.youtube.com/watch?v=k_YUB_S6Gpo



Počátky robotického umění

Pojem cyborg poprvé použit v roce 1960
Manfredem E. Clynesem a Nathanem S. Klinem

10A THE MIAMI NEWS, Sunday, May 3, 1961



CYBORG (or cybernetic organism) is a semi-artificial human who could be created by medical science with a human being as the basis for improved construction. Parts of vital life systems would be replaced by mechanical aids. A **Cyborg man**, in other words, should be a super-human design to withstand extraterrestrial surroundings without artificial protection — such as a space suit. In the drawing above, he appears more like a multi-purpose machine, obviously equipped with everything but a sense of anxiety.

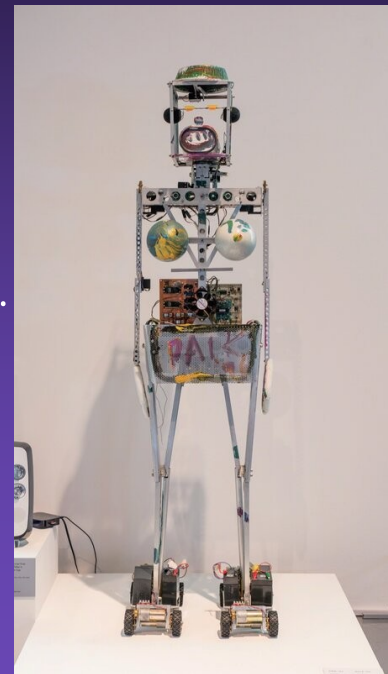
Počátky robotického umění

Tři základní strategie spojené s počátky robotického umění:

1. robot na dálkové ovládání, umělecký happening, karnevalový charakter – Nam June Paik a Shuya Abe, Robot K-456 (1964)
2. spojení organického a strojového (kybernetika) - Tom Shannon - Squat (1966)
3. výzkum autonomního chování stroje, umělé inteligence, interakce s prostředím a lidmi - Edward Ihnatowicz - The Senster (1970)

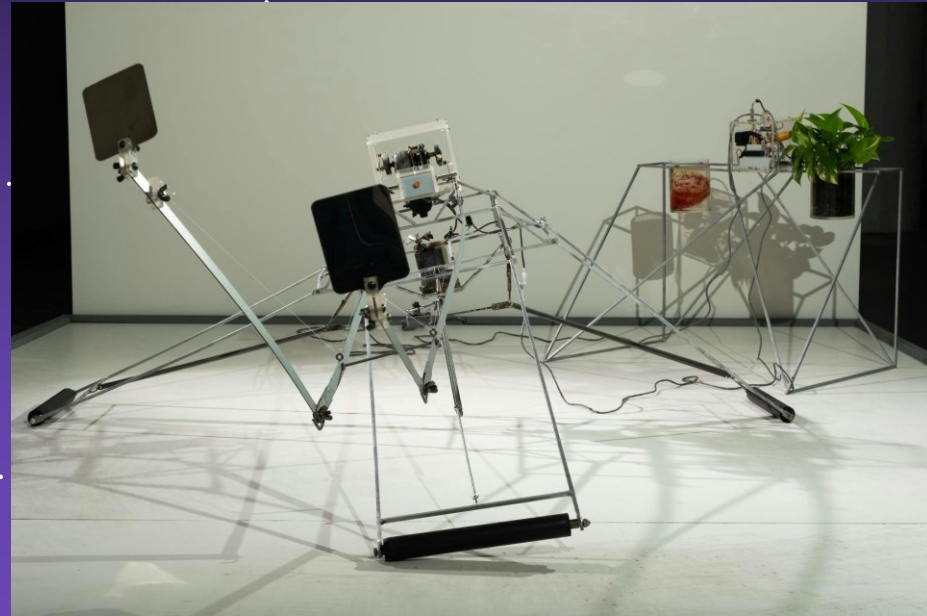
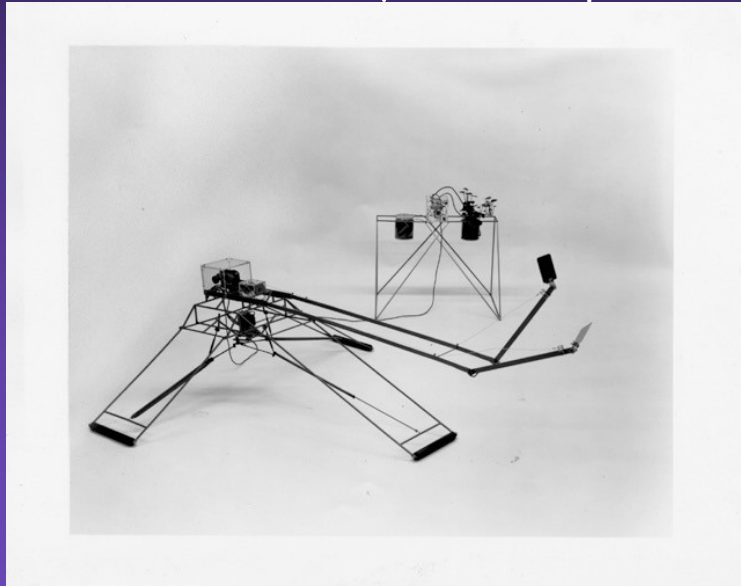
Počátky robotického umění

- Robot K-456 – Nam June Paik (1964)
- „I imagined it would meet people on the street and give them a split-second surprise. Like a sudden shower.“ Nam June Paik
- <https://www.youtube.com/watch?v=6K4zTxGrtrc>
- <https://www.facebook.com/AmericanMasters/videos/nam-june-paiks-robot/791881432138126/>



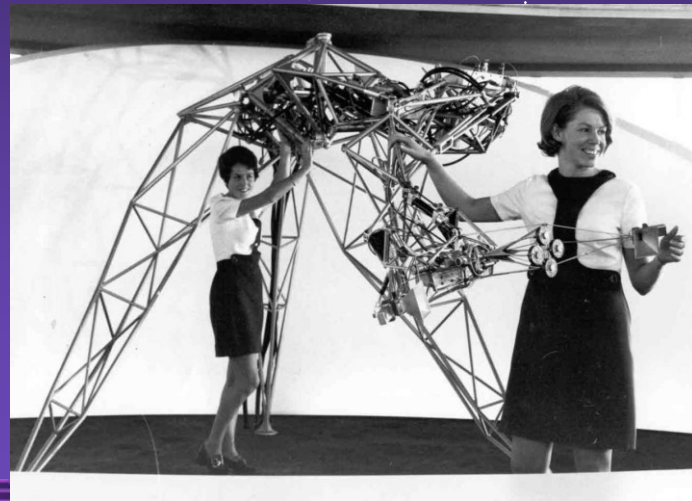
Počátky robotického umění

- Tom Shannon - Squat (1966)



Počátky robotického umění

- Edward Ihnatowicz - The Senster (1970)
- https://monoskop.org/Edward_Ihnatowicz
- <https://www.youtube.com/watch?v=n8U2X7qJjXw>



Robotické performance a telerobotika

- Margo Apostolos - Robot choreography
- StarDance (1983)
- Freeflight (1984)
- <https://ucsdvis159.wordpress.com/2015/03/03/week-8-margo-apostolos-exploring-robotics-through-choreographed-dance/>



Robotické performance a telerobotika

- Survival Research Laboratory - A Calculated Forecast of Ultimate Doom: Sickening Episodes of Widespread Devastation Accompanied by Sensations of Pleasurable Excitement (1994)
- <https://laughingsquid.com/survival-research-labs-1994-doom-show-in-san-francisco/>



Robotické performance a telerobotika

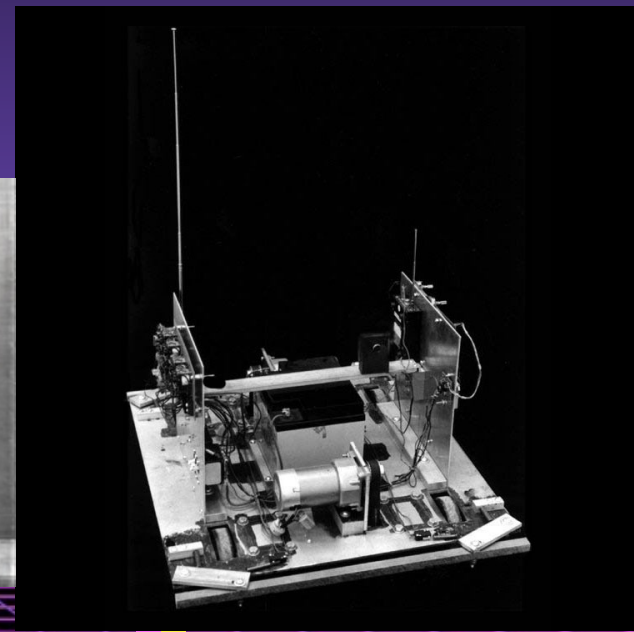
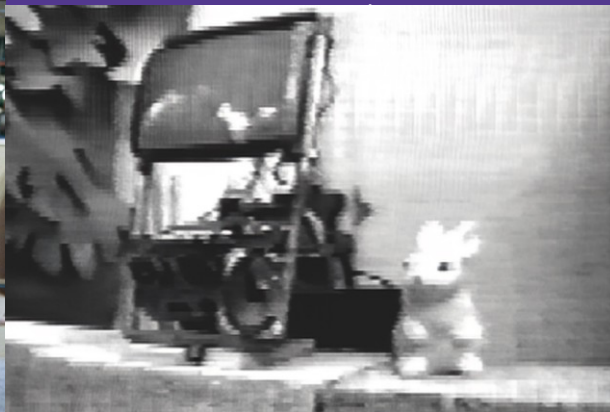
- Louis-Philippe Demers a Bill Vorn
- The Frenchman Lake (1995) - <https://proyectoidis.org/louis/>





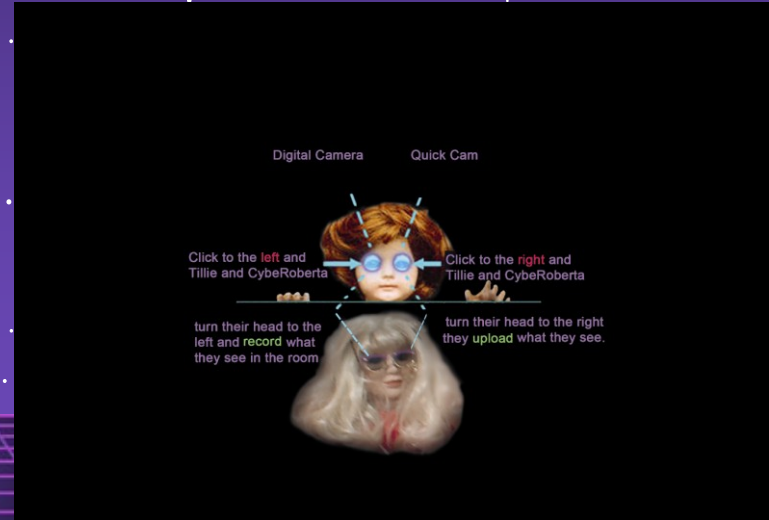
Robotické performance a telerobotika

- Eduardo Kac a Ed Bennett
- Ornitorrinco: Experience 1 (1989-1996)



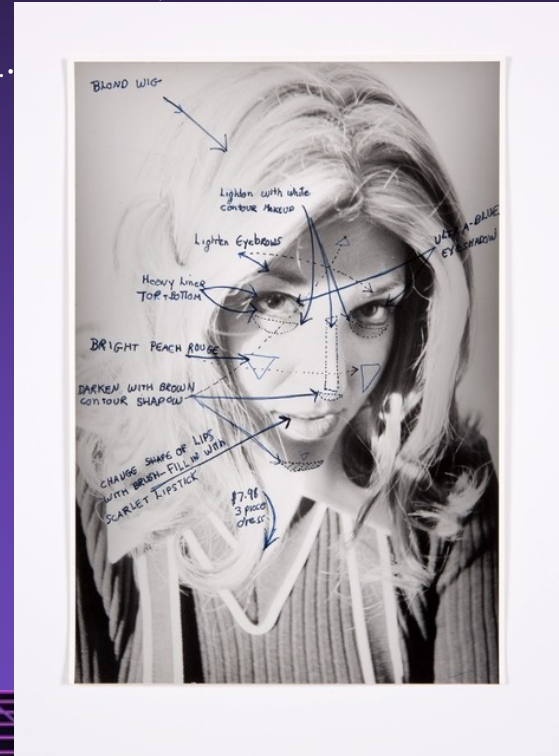
Robotické performance a telerobotika

- Lynn Hershman
- Dollie Clone Series (1995-1998) - Tillie, the Telerobotic Doll
<https://vm470.wordpress.com/2019/02/05/lynn-hershman-leeson/>
- CybeRoberta - Telematic puppet - <https://anthology.rhizome.org/dollie-clones>



Robotické performance a telerobotika

- Lynn Hershman
- Roberta Breitmore ((1973–1979))



Robotické performance a telerobotika

- Bill Vorn, Emma Howes a Jonathan Villeneuve - Grace State Machines in the Hexagram Black Box (2007)



Robotické performance a telerobotika

- Marc Bohlen – Amy and Clara (2005-2008)
- <https://realtechsupport.org/projects/maledicta.html>



Robotické performance a telerobotika

- Hiroshi Ishiguro
- <https://www.luisawhitton.com/what-about-the-heart>
- <https://dafilms.cz/film/7470-mechanical-love>
- <https://www.youtube.com/watch?v=4duSvDoIDWM>
- <https://www.youtube.com/watch?v=JpTISVp2zx8>

