



ROBOT-HUMAN PERFORMANCE

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IMAGINE THIS...

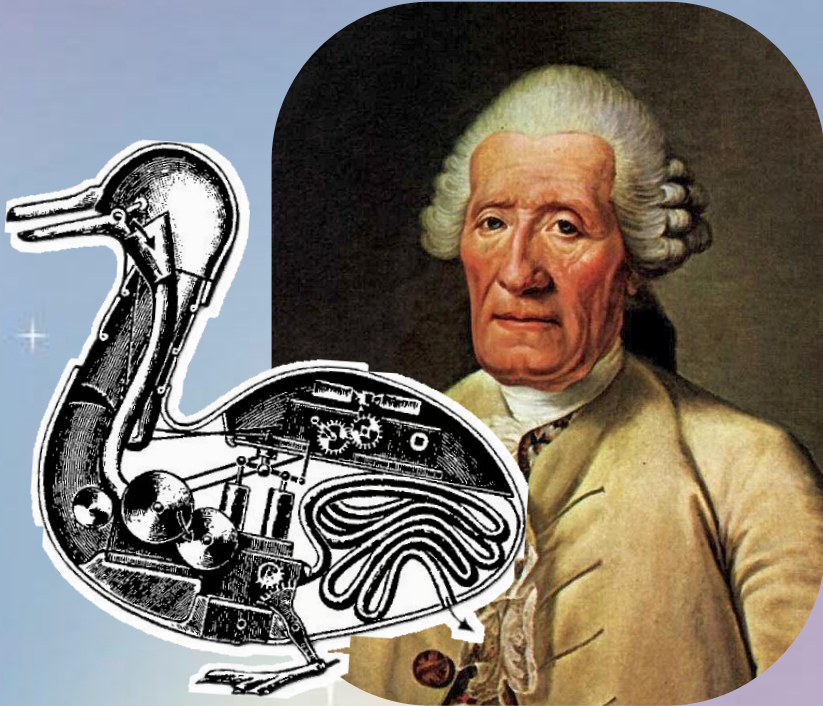


THIS HAS HAPPENED!

- *New Albany HS
end-of-year
production*
- *Bioloid robot*



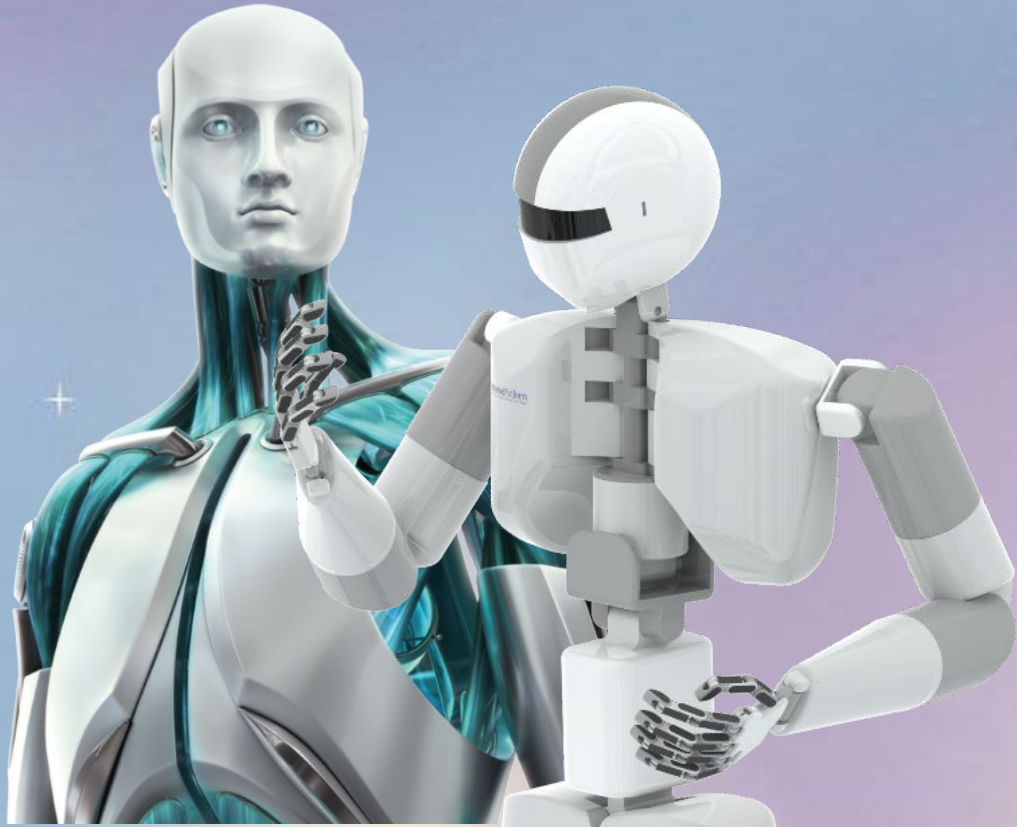
HISTORY OF MECHANICAL PERFORMERS



- *Jacques de Vaucanson: 1738*
- *Gear-driven duck that could flap its wings and eat grain*



HUMANOID ROBOTS



- *Usually defined as robots with two arms, two legs and a head*
- *Used to have trouble performing basic tasks*

ROBOT THEATER PROJECT



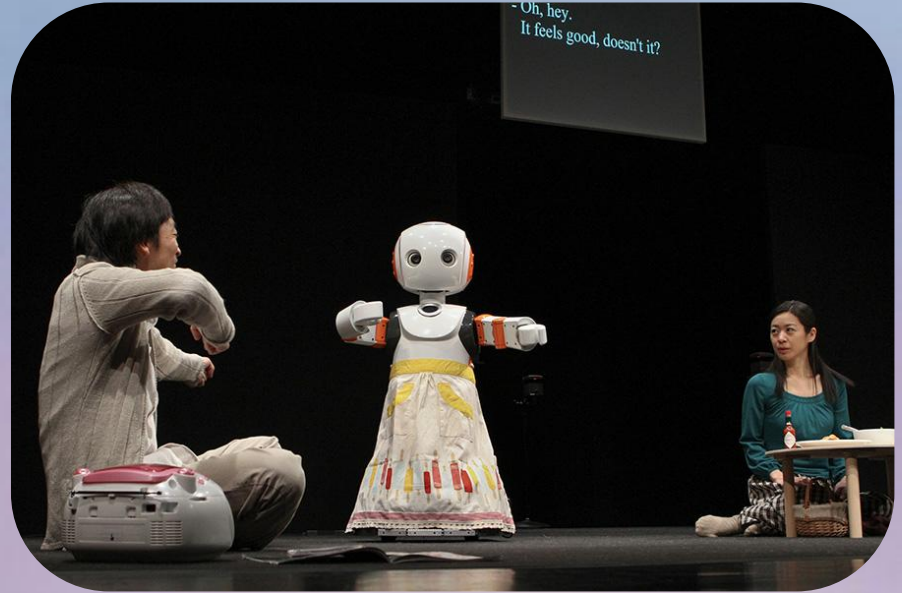
- Goal: change the status of robots from displays at expositions to becoming essential elements of theatre arts

HUMANOID ROBOTS IN THEATRE



Oriza Hirata's "Sayonara"

HUMANOID ROBOTS IN THEATRE



Oriza Hirata's "I, Robot"

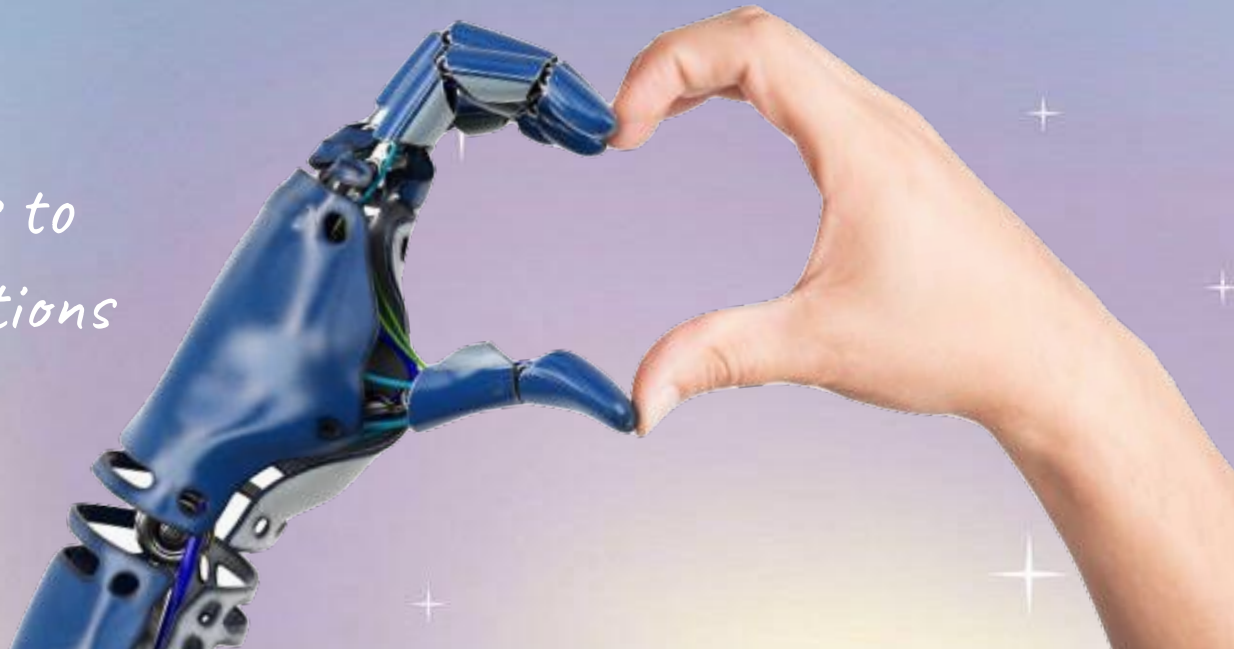
DRAWBACKS OF ROBOTS IN PERFORMANCE



"The more you try to imitate a human, the more creepy it can get."

DRAWBACKS OF ROBOTS IN PERFORMANCE

- *Limited expressive capabilities*
- *Forces dramatists to frame stage directions in precise terms*



HOW ROBOTS HELP PERFORMANCE

- *Gives emotional space to tackle difficult subjects*
- *Unfettered by any emotional context*
- *Easy backups*



REPLACING
HUMAN PERFORMERS?

No!

REPLACING HUMAN PERFORMERS?

- *The purpose is not to replace human actors, but to explore the possible future of coexistence.*





THANK YOU!